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10-11 November 2010  
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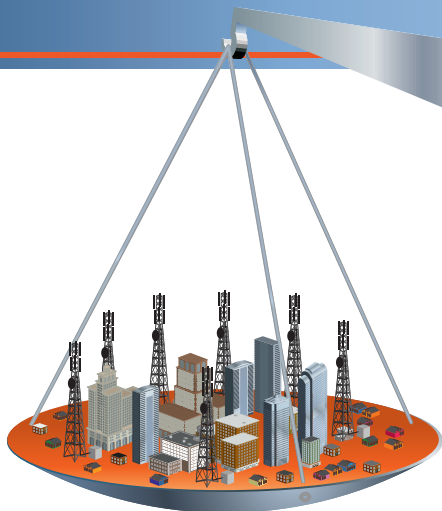


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## Mobile Data is Tipping the Scale

While mobile Data is exploding,  
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## Compact BTS

No Shelters, no Cabinets, no Racks.  
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SoC-based Compact BTS deliver  
4G Data Capacity and Coverage -  
at a Fraction of traditional Costs.

## DAN3400 SoC

### Superior Technology for the Mobile Data Opportunity



**Please join us in  
meeting room MR03**

## DAN 3400 – The SoC for Compact BTS Delivering the Multi-Gigabit Mobile RAN

# PORTRAIT OF A \$100 BILLION MARKET OPPORTUNITY

Alcatel-Lucent researchers Allison Cerra and Christina James spent more than a year getting to the heart of network operators' Web 2.0 business challenges. Capturing their findings, *The Shift* is a compelling exploration of what makes today's business models unstable—and how operators can respond by transforming their networks into high-value development platforms for applications and services. Covering generational attitudes, market disrupters, evolving customer expectations and more, *The Shift* paints an informed, research-based picture of the next-gen communications ecosystem and the more than \$100 billion market opportunity it represents. *Preview the future.*



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Dear Colleagues,

On behalf of Informa Telecoms & Media, I am pleased to welcome you to our 3rd LTE North America conference. This conference takes place at an incredibly exciting time as telecoms operators begin to trial and deploy LTE around the world. This conference has been developed specifically with the 3GPP and 4G Americas as our strategic partner and I would like to take this opportunity to thank them for all of their advice and support.

The LTE North America conference is part of Informa Telecoms & Media's global series of conferences, specifically focusing on the challenges facing LTE and making it a commercial success. This event brings together senior executives from key carriers, as well as the leading vendors who see LTE as the future of mobile broadband. The speaker line up includes senior executives from operators such as AT&T, Sprint, T-Mobile, LightSquared, TeliaSonera, Clearwire, MetroPCS, TELUS Mobility, Verizon Wireless and many more, with over 85 speakers and panellists in total!

I would like to take this opportunity to encourage you to join the debate by asking questions, giving feedback and taking advantage of the networking opportunities available throughout the event – breaks and lunch. Please also ensure that you take full advantage of our online networking tool, which will allow you to download the conference presentations, as well as contact all of the conference delegates.

I would like to take this opportunity to thank all of those who have made this conference possible, especially our speakers, panellists, moderators and chairmen for their excellent contributions. I would also like to thank our sponsors: Ericsson, Alcatel-Lucent, Samsung, Sisvel, Huawei, Nokia Siemens Networks, KMW Communications, NEC, Qualcomm, Acme Packet, Bridgewater Systems, Continuous Computing, Motorola, RadiSys, ST-Ericsson, Syniverse, ZTE, DesignArt Networks, Cisco, Byte Mobile, JDSU and Eden Rock Communications for without this conference would not have been possible.

I hope that you thoroughly enjoy your time at the LTE North America. My colleagues and I will be on hand throughout the event to assist you however we can. Please do not hesitate to contact us if you have any questions or comments.

Best wishes,



*Sabah Hussain*

**Sabah Hussain**

Head of Research - LTE Conferences  
Informa Telecoms & Media

Informa Telecoms & Media are delighted to welcome you to Dallas for LTE North America 2010. The following points should help you get the most out of the event:

### INFORMATION

The event team are here to help you; if you require any assistance throughout the show, please go the Registration Desk located outside the conference and exhibition rooms where a member of the team will be able to help you..

### CONFERENCE COMMENTS

In order to improve the quality of your events, we would welcome your comments on the show. Please complete the event survey available on the show's online delegate networking system in order to gain access to the conference presentations.

### QUESTIONS TO SPEAKERS

Email your questions for speakers and avoid the Q&A rush after panel discussions and presentations. Email your questions for speakers to: Sabah.Hussain@informa.com at least one break in advance of the particular speaker session or panel, with details of the speakers name, job title, and company and the question you wished to be asked. At each break these will be forwarded to the chairman of the day who can read them out and start a discussion around your question.

### EXHIBITION & NETWORKING

Please take time to visit all the stands during the 2 day event. Please do also take advantage of the extended networking opportunities in the exhibition hall during the refreshment and lunch breaks.

### LTE NORTH AMERICA AWARDS

The Inaugural LTE North America awards will take place at the end of Day One, 10th November. Please visit the Awards Registration desk in the International Foyer to check availability and register.

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**If you discover a fire, raise the alarm by:** operating the nearest pull station or dialling '0' on the telephone and stating the location of the fire to the Operator.

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Pre-registered show attendees including delegates, exhibitors, speakers and press are sent a unique login PIN by email, 2 weeks in advance of the show to allow plenty of time to make introductions and schedule meetings. We keep the service open for 3 months post-show for you to catch up with anyone you missed or to continue the debate. In addition, all speakers press and delegates will be able to download the Speaker presentations 1 week after the event. If you did not pre-register or have not received your PIN via email, please visit the Registration desk. Alternatively you can email Daniel Cole at [daniel.cole@informa.com](mailto:daniel.cole@informa.com)

## How does the system work?

### STEP 1 – Log in

<http://ltena2010.eventscope.co.uk>

### STEP 2 – Browse & Search

Browse and search the delegate list. Search for specific people, companies, job titles and so forth. This is a secure area only accessible to attendees.

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Create your own profile and upload a photograph to enhance networking opportunities. Give more information about your organisation, who you are looking to connect with and what services you provide.

### STEP 4 – Connect

Set-up meetings before the show begins. Did you miss someone? Contact them post-show to follow up. Delegate data is securely held for the duration of 3 months post-show. Data is strictly used for delivering the networking service and for no other purpose.

### STEP 5 – Download Presentations

To download the speaker presentations after the show, please click on the Presentation tab at the top of the page and complete a quick survey.



Step 1



Step 2

<http://ltena2010.eventscope.co.uk>

## CONFERENCE DAY 1

### KEYNOTE PLENARY SESSION

*Location - Venetian Room*

8:15 **Registration & Coffee**

8:45 **Conference Welcome & Speed Networking Session**

*Sabah Hussain, Senior Conference Researcher, Informa Telecoms & Media, UK*

8:50 **Chairman's Opening Remarks**



*Mike Roberts, Principal Analyst & Head of Americas, Informa Telecoms & Media, USA*

9:00 **AT&T Keynote**



*Hank Kafka, SVP, Architecture and Planning, AT&T, USA*

9:20 **The Future of Wireless in North America – Improving the Wireless Experience and Reaching into New Vertical Markets**



*Martin Harriman, Executive Vice President, LightSquared, USA*

9:40 **Insights into TeliaSonera's LTE Deployment in Scandinavia**



*Lars Klasson, CTO, TeliaSonera, Sweden (over video Link)*

10:00 **Paving the Way for LTE with HSPA+**



*Bentley Alexander, VP, Engineering Finance, Strategy & Development, T-Mobile, USA*

10:20 **50 Smart Connectivity, Enhancing the User Experience**



*Arun Bhikshesvaran, CTO, Ericsson, USA*

10:50 **Keynote Panel Discussion: Disrupting the US Market with the Wholesale Network Approach – What Does this Mean for the Future of the Telecoms Industry in the USA?**

*Martin Harriman, Executive Vice President, LightSquared, USA*

*Malcolm Lorang, CTO & Founder, MetroPCS, USA*

*Bentley Alexander, VP, Engineering Finance, Strategy & Development, T-Mobile, USA*

*Mathew Oommen, VP Device & Technology Development, Sprint, USA*

11:10 **The Value of 4G in the Broadband Explosion Scenario**



*Mathew Oommen, VP Device & Technology Development, Sprint, USA*


11:30 - 12:30

Networking Break & Exhibition Visit

# CONFERENCE DAY 1

## STREAM A EMERGING BUSINESS MODELS FOR LTE

Location - Venetian Room

Sponsored by  ERICSSON

### 12:30 Chairman's Introduction

*Roland Shaw, Director of Strategy, Ericsson, USA*

### 12:40 Impact of Mobile Data on Current 3G and Future 4G Networks

*Brian Modoff, Managing Director, Sr. Telecoms Technology Analyst, Deutsche Bank, USA*

### 1:00 Panel Discussion: Understanding the Importance of Business Model Innovation for LTE: Analysing the Smart Pipe Business Model

*Blair Kutrow, VP Marketing, LightSquared, USA  
Jim Baker, Managing Partner, Xenventure, USA  
Constantine Polychronopoulos, CTO Byte Mobile, USA  
Karim Taga, Managing Director, TIME Practice, A D Little Austria*

### 1:20 Building New Revenue Streams with M2M Communications to Generate Additional Revenue from LTE

*Alex Brisbourne, President & COO, KORE Teleatics, USA*

### 1:40 Networking Lunch & Exhibition Visit

### 3:10 Opportunities for Carriers With LTE and Cloud Computing

*Samir Aitameur, Distinguished Member of Technical Staff, Verizon Wireless*

### 3:30 Delivering Niche Wireless Services over LTE - Which Next Generation Services and Applications will Define LTE?

*Karim Taga, Managing Director, TIME Practice, A D Little Austria*

### 3:50 Managing Subscriber Growth and Delivering Personalised Services

*Dr. Solymann Ashrafi, Staff VP, MetroPCS, USA*

### 4:10 Afternoon Break & Exhibition Visit

### 4:50 Is WiFi Offload a Long Term Solution? Can LTE and WiFi Co-Exist?

*Barbara Nelson, CTO, IPASS, USA*

### 5:10 Optimizing LTE for Public Safety: How to Align a Commercial LTE Network with Public Safety Requirements

*Emil Olbrich, Lead Project Engineer, NIST, USA*

### 5:30 Panel Discussion: Providing Personalised Services to Customers - How Can Customers be Charged Accordingly?

*Jean-Claude Perrin, LTE Workgroup Chairman, SIMalliance, France  
Dr. Solymann Ashrafi, Staff VP, MetroPCS, USA  
Michael O'Malley, Director, Market Planning & Analysis, Tellabs, USA  
Frank J. Bernhard, Research Director and Distinguished Technology Economist Telecommunications, Media, and Technology Portfolio, OMINI Research Group  
Sue Rudd, Director Tariff & Revenue Strategies, Strategy Analytics, USA*

### 5:50 End of Day and LTE North America Awards Evening

## STREAM B LTE DEVICE ECOSYSTEM & SUBSCRIBER MANAGEMENT

Location - Oak Room

### 12:30 Chairman's Introduction

*Mike Thelander, Founder & CEO, Signals Research Group, USA*

### 12:40 Key Elements for a Successful LTE Patent Pool

*Matteo Sabattini, Technology/Licensing Officer, Sivel, USA*

### 1:00 Enabling LTE Connectivity in Laptops/Notebooks; When Will we See the First LTE Embedded Devices?

*Anders Henriksson Senior Product Manager, ST-Ericsson*

### 1:20 Device Manufacturer Outlook on LTE Device Challenges and Opportunities

*Liam Quinn, CTO - Business Client, Dell Inc, USA*

### 1:40 Networking Lunch & Exhibition Visit

### 3:10 Customer Experience in the Age of Apps; Trouble Ticket or Opportunity?

*John Krzywicki, Partner, Analysys Mason, USA*

### 3:30 Panel Discussion: How Can Carriers Make LTE More Attractive to Consumer Electronics Companies and to App Developers?

*John Krzywicki, Partner, Analysys Mason, USA  
Liam Quinn, CTO - Business Client, Dell Inc, USA  
Daniel Lonnblad, Senior Member Technical Staff, Chief Technology Office, Sony Ericsson, USA*

### 3:50 When Will we See LTE Smartphone Mass Market Penetration in North America

*Chris Ebert, Head of 4G Strategic Product Marketing, North America, Nokia Siemens Networks*

### 4:10 Afternoon Break & Exhibition Visit

### 4:50 Examining how LTE Enhances Multimedia Applications on the Handset

*Daniel Lonnblad, Senior Member Technical Staff, Chief Technology Office, Sony Ericsson, USA*

### 5:10 LTE Chipset Roadmap for Multi-Mode Devices in North America

*Senior Executive, Qualcomm, USA*


### 5:30 Subscriber and Device Management Strategies and the Digital Home

*Mike Morash, Director, Product Line Management, Bridgewater Systems, USA*

### 5:50 End of Day and LTE North America Awards Evening

## STREAM C TRAFFIC MANAGEMENT & SON

Location - Far East Room

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### 12:30 Chairman's Introduction

*Michael Kende, Head of Regulatory Services, Analysys Mason, USA*

### 12:40 Understanding Customer Behaviour - Is LTE Fast Enough to Manage the Customers Insatiable Demand for Data?

*Joel Brand, VP of Product Management, Byte Mobile, USA*

### 1:00 Practical Challenges for 4G Metrozone & Operator Requirements for Compact BTS Equipment

*Pete Gelbman, Director Systems Research & Standards, Clearwire, USA*

### 1:20 Evolution of the Base Station Architecture and Compact BTS Market Opportunity

*Joachim Hallwachs, VP Marketing, DesignArt Networks, USA*

### 1:40 Networking Lunch & Exhibition Visit

### 3:10 Panel Discussion: Exploding Mobile Data Demand - Compact Base Stations to Increase Cell Density

*Allen Noguee, Principal Analyst, Wireless Technology & Infrastructure, In-Stat, USA*

*Joachim Hallwachs, VP Marketing, DesignArt Networks, USA*

*Dr. Arnon Friedmann, Strategic and Technical Product Marketing, Wireless Base Station Infrastructure, Texas Instruments*

*Pete Gelbman, Director Systems Research & Standards, Clearwire, USA*

### 3:30 Driving the Adoption of LTE Through Improved User Experience and Policy Control

*Manish Singh, VP Product Line Management, Continuous Computing, USA*

### 3:50 Intelligently Managing the Backhaul Network to Manage Traffic Bottlenecks in the LTE Network

*John Krzywicki, Partner, Analysys Mason, USA*

### 4:10 Afternoon Break & Exhibition Visit

### 4:50 Case Study - Providing an Open Network Through Dark Fiber, Neutral Co-location and Towers

*Hunter Newby, CEO, Allied Fiber, USA*

### 5:10 Maintaining QoS with SON for the User Where Anything Goes, Anytime, Anywhere

*David Chandler, Director of Product Management-LTE from Alcatel-Lucent*

### 5:30 Panel Discussion: Assessing the Readiness of SON: How Can it be Successfully be Implemented in the LTE Network?

*Moderator: Michael Howard, Principal Analyst & Co-Founder, Infonetics Research, USA*

*Joerg Schueler, Director of Automatic Optimization Products, Actix, USA*

*Dr. Thomas Neubauer, Managing Director, Symena, Austria*

*Dr Ahmad Armand, Staff Vice president, LTE Systema, MetroPCS, USA*

*David Chandler, Director of Product Management-LTE from Alcatel-Lucent*

*Stephen Bowker, Director of Solutions and Innovations, AIRCOM International*

### 6:00 End of Day and LTE North America Awards Evening

## CONFERENCE DAY 2

### 8:00 – 8:45 ANALYST BREAKFAST BRIEFING SESSION

*Location - Oak Room*

- 1. Profitable Network Design Strategies for LTE**  
*Phil Marshall, Chief Research Officer, Tolaga Research, USA*
- 2. Mobile Broadband Pricing**  
*Keith Mallinson, Founder, WiseHarbor, USA*
- 3. LTE Facts, Fictions & Case Studies – How Will LTE Change the Mobile Market?**  
*Mike Roberts, Principal Analyst, & Head of Americas, Informa Telecoms & Media, USA*
- 4. New-wave business models for LTE powered services**  
*Peter Siggins, Partner, PA Consulting, USA*
- 5. The Role of LTE in Mass Transit**  
*Jim Baker, Managing Partner, Xenventure, USA*
- 6. Wholesale Opportunities with LTE**  
*Stephane Teral, Principal Analyst, Infonetics Research, USA*
- 7. Providing Capacity and Coverage for LTE Networks**  
*Allen Nogee, Principal Analyst, Wireless Technology & Infrastructure, In-Stat, USA*
- 8. Obama Administration Spectrum & Broadband Stimulus policies; Effect on LTE**  
*John Krzywicki, Partner, Analysys Mason, USA*
- 9. The Real World User Experience in an LTE and HSPA+ World**  
*Mike Thelander, CEO and Founder, Signals Research Group, USA*
- 10. LTE: The Impact on Network Speeds, Devices, Applications and Pricing Models**  
*Phil Redman, Vice President, Network Services and Infrastructure, Mobile and Wireless, Gartner, USA*
- 11. Changing LTE Economics: How Service Providers Select Optimal Markets and Attract Subscribers**  
*Frank J. Bernhard, Research Director and Distinguished Technology Economist Telecommunications. Media, and Technology Portfolio, OMNI Research Group*
- 12. Service and Traffic Models that Build the Business case for LTE [including OPEX and CAPEX and Profitability implications]**  
*Sue Rudd, Director Tariff & Revenue Strategies, Strategy Analytics, USA*

## CONFERENCE DAY 2

### KEYNOTE PLENARY SESSION

*Location - Venetian Room*

#### 8:55 **Chairman's Opening Remarks**

*Chairman: Keith Mallinson, Founder, WiseHarbor, USA*

#### 9:00 **North America Market Overview**



*Vicki Livingston, Head of Communications,  
4G Americas, USA*

#### 9:20 **Can LTE Provide Low Cost Data to the Mass Market?**



*Malcolm Lorang, CTO & Founder,  
MetroPCS, USA*

#### 9:45 **Taming the Data Tsunami with LTE and Increasing Uptake of LTE Through New Business Models and Channels**

- Examining how data is growing exponentially in mobile networks across North America
- How will All-IP LTE not only address the network capacity problem but will also drive new streams of revenues?
- How can service providers deliver 4G services but also drive productivity for enterprises/vertical segments through opening up new channels?



*Ken Wirth, President, 4G/LTE Wireless Networks,  
Alcatel-Lucent, USA*

#### 10:10 **Standardization, Patent Pools, Antitrust Issues and Essential Patents**

- Standardization problems in dealing with patent Issues
- Antitrust Issues relating to patents covering parts of an international standard
- The creation and management of patent pools
- Evaluation of essential patents



*Sean Corey, IP Counsel,  
Sisvel, USA*

#### 10:35 **Network to forge ahead with 4G : Heterogeneous Network**



*Paul Gilliland, Executive Vice President Telecommunication Systems Business,  
Samsung Electronics Co., Ltd.*

11:00 - 12:20

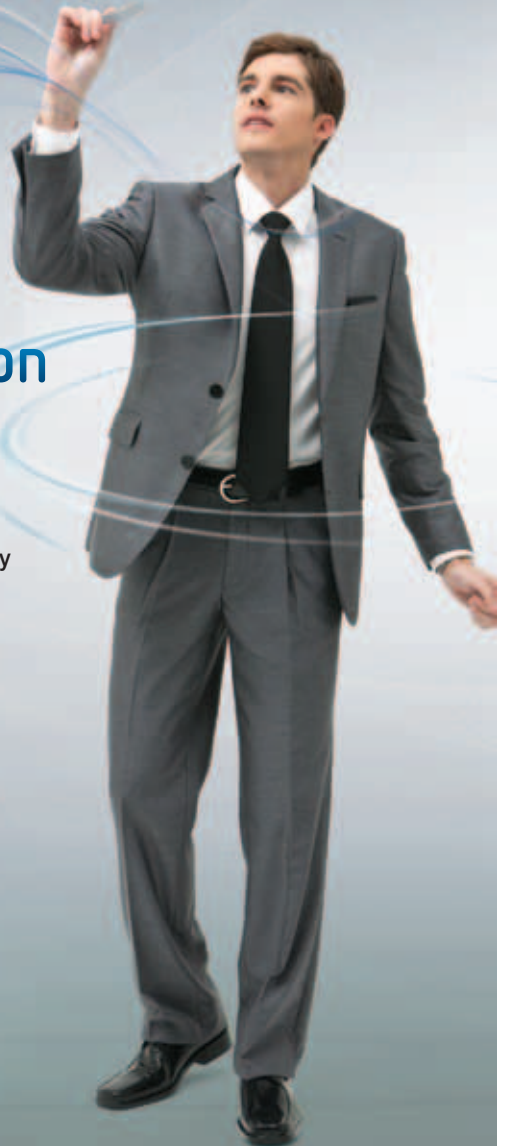
Networking Break & Exhibition Visit

The Samsung logo is located in the top right corner, consisting of the word "SAMSUNG" in a bold, sans-serif font inside a white oval shape.

# Samsung Long Term Evolution

*Inspire the World.  
Create the Future.*

Unlock the power of 4G technology today  
and change your lifestyle for tomorrow



## CONFERENCE DAY 2

### STREAM D LTE FIELD EXPERIENCE & DEPLOYMENT STRATEGIES

Location - Venetian Room

#### 12:20 Chairman's Introduction

*Phil Redman, Vice President, Network Services and Infrastructure, Mobile and Wireless, Gartner, USA*

#### 12:30 LTE Trial Results – Defining True LTE Experience

*Dr. Mohamed Madkour, Director, Wireless Marketing and Product Management, Huawei, USA*

#### 12:50 Panel Discussion: How Ready is LTE?

*Moderator: Dan Meyer, Editor, RCR Wireless, USA  
Doug Smith, SVP Engineering, LightSquared, USA  
Dr Shahram G Niri, Director of Global LTE/SAE Strategy & Solution, NEC Europe  
Jean-Louis Carrara, VP Business Development Telecommunications, Gemalto  
Jon Morgan, Senior Director of Product Marketing, Cisco, USA  
Director, AIRCOM International*

1:20 Networking Lunch & Exhibition Visit 

#### 2:50 Mobile Broadband: Where are we Going?

*Dr Shahram G Niri, Director of Global LTE/SAE Strategy & Solution, NEC Europe*

#### 3:10 Band 12 Interference Mitigation and Deployment Tactics

*Vinay Mahendra, SR Manager, Samsung*

#### 3:30 Overcoming VoLTE Service Delivery Challenges: Security, Service Reach and Quality

*Don Troshynski, Technical Director, Acme Packet, USA*

3:50 Afternoon Break & Exhibition Visit

#### 4:20 Operator Challenges with Evolving to 4G

*Dr. Ivo Maljevic, Senior Engineer, Technology Strategy, TELUS Mobility, Canada*

#### 4:40 Building and Managing the LTE Network All-Outside CDMA

*Rasmus Hellberg, Director, Technical Marketing, Qualcomm, USA*

#### 5:00 Deploying IMS for the Delivery of a Wide Range of Services and Applications - Including Voice

*Kjell Johansson, Director, Communication Services Sales, Ericsson, USA*

5:20 End of Conference & Exhibition

### STREAM E LTE OPTIMISATION & CORE NETWORK

Location - Oak Room

#### 12:20 Chairman's Introduction

*Phil Marshall, Chief Research Officer, Tolaga Research, USA*

#### 12:30 Intelligent Scheduling via Multi Node Radio Resource Management

*Eamonn Gormley, VP of Engineering, Eden Rock Communications, USA*

#### 12:50 Challenges with Implementing and Optimising MIMO and Smart Antennae Systems in the LTE Network

*Erik P. Neitzel, DMTS, Technology Development Group, US Cellular, USA*

1:10 Networking Lunch & Exhibition Visit 

#### 2:50 Taking the Guesswork out of LTE Trials and Deployment

*Zach Lovell, Product Planner - Protocol Analysis, JDSU, USA*

#### 3:10 Optimizing LTE Deployment with Platform Based Unified Base Station

*Donglin Shen, VP Wireless Technology & Strategy, ZTE USA*

#### 3:30 Preparing LTE Roaming with Legacy Networks

*Christer Gullstrand, Technology Director, Syniverse, USA*

3:50 Afternoon Break & Exhibition Visit

#### 4:20 The LTE EPC: Pre-Integrated Framework Takes a Leap in Solving Real World Problems

*Anthony Ambrose, Vice President and General Manager Of Communications Networks, RadSys, USA*

#### 4:40 Optimization Methods for the Evolution of the Evolved Packet Core

*Jon Morgan, Senior Director of Product Marketing, Cisco, USA*

#### 5:00 Panel Discussion: Planning a Cost Efficient Migration to the EPC – What are the Challenges for Carriers?

*Kevin Mitchell, Director, Solutions Marketing, Acme Packet, USA*

*Richard Wank, Mobility Product Manager, Spirent Communications*

*Munish Chhabra, Senior Manager - Business Development, Aricent, India*  
Space available

5:20 End of Conference & Exhibition

### STREAM F TAKING MOBILE BROADBAND TO RURAL AREAS WITH LTE

Location - Far East Room

#### 12:20 Chairman's Introduction

*Steve Berry, President & CEO, Rural Cellular Association, USA*

#### 12:20 Future Opportunities and Challenges with LTE for the Regional and Rural Carrier in North America

*Steve Berry, President & CEO, Rural Cellular Association, USA*

#### 12:40 Using Satellite Spectrum to Build a National Wholesale LTE Network

*Blair Kutrow, VP Marketing, LightSquared, USA*

1:10 Networking Lunch & Exhibition Visit 

#### 2:50 Case Study: Providing Rural Communities With Data Only Services – Lessons That can be Learned for LTE

*John Curtis, CEO, Stelera Wireless, USA*

#### 3:10 Examining the Use of LTE Pico and Femtocells for Small Towns, Rural Areas and Specific Manufacturing Facilities

*Ron Riordan, Executive Vice President, Cellcom, USA*

#### 3:30 Panel Discussion: Can Regional Carriers Compete with the National Carriers on the Pricing of LTE?

*Marvin Iwanski, Director of Strategic Switching, Cellcom, USA*

*John Curtis, CEO, Stelera Wireless, USA*

*Manual Vexler, CMO NGN IMS Forum*

*Dr. Sanket Nesargi, Director of Marketing, Aricent*

3:50 Afternoon Break & Exhibition Visit

#### 4:20 TD-LTE for Bridging the Digital Divide the Americas

*Bill Payne, VP Wireless Broadband Systems and Technology Networks CTO, Motorola Solutions, USA*

#### 4:40 TDD/FDD Interference and Mitigation Solutions for LTE

*Dr. Min Jeon, Vice President of Technology, KMW Communications*

5:00 End of Conference & Exhibition



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*Sisvel brings together the world's leading telecom and electronics companies to simplify LTE licensing.*



## BENTLEY ALEXANDER

VP, Engineering Finance,  
Strategy & Development  
T-mobile

Bentley Alexander is Vice President of Engineering for T-Mobile USA. Since joining T-Mobile in 2008, Alexander has been responsible for all aspects of engineering and operations activities throughout T-Mobile's South Region. He also partners with other functional leaders in developing and executing overall strategic business plans for the region.

Alexander began his 26-year career in the wireless communications industry with the wireless subsidiary of United Telecommunications, Inc., now Sprint, in Overland Park, Kansas. In 1988, he joined McCaw Cellular Communications, Inc. (subsequently AT&T Wireless) where he served in a number of engineering and management positions, eventually serving as Vice President for several technical disciplines.

In 2003, Alexander left AT&T Wireless to join Ericsson to help develop the Managed Services business in the U.S. As Head of Ericsson's Global Services Delivery Center for the US, Alexander was responsible for all aspects of delivery of the managed services including planning, design, implementation, and operations. Alexander left Ericsson to join T-Mobile for the position he currently holds.

Alexander graduated from the University of Missouri-Rolla in 1984 with a Bachelor of Science in Electrical Engineering. He and his wife, Jennifer, live in Frisco, Texas.



## SAMIR AITAMEUR

Distinguished Member of  
Technical Staff  
Verizon Wireless



## ANTHONY AMBROSE

Vice President and General  
Manager Of Communications  
Networks  
RadiSys

Anthony is responsible for the RadiSys growth initiatives across the company, and has established RadiSys as a worldwide leader in ATCA and Media Server products and technologies. Anthony has a track record of developing products and building businesses worldwide, growing ATCA and media server to over \$100M in annual revenues.

Anthony leads global R/D, product development and the three business P/L centers: Communications/Networking, Media Server and Commercial Products for RadiSys. Anthony joined RadiSys in 2007. Before joining RadiSys, Anthony was Intel Corporation's General Manager of the Modular Communications Platform Division (MCPD) where he led Intel's efforts in telecommunications and platform products and the creation of the ATCA initiative.

Anthony holds a Bachelors of Science in Engineering from Princeton University, graduating Magna cum Laude.



## AHMAD ARMAND

VP of LTE Systems  
MetroPCS

Ahmad Armand is Staff Vice President of LTE Systems at MetroPCS Communications. He leads all RAN aspects of LTE launch and contributes to the evolution of radio access technology and overall RAN architecture of the company.

He joined MetroPCS in 2003 as Director of Engineering in the corporate headquarters and had multiple RAN related responsibilities and key roles in the introduction of capacity improvement techniques and development of requirements and guidelines for CDMA capacity and coverage expansions.

Before joining MetroPCS Ahmad held several Principal Technology Strategist, Senior Member Technical Staff, and Principal Engineer roles with past companies including Nextel Communications, Verizon Wireless, Vodafone Airtouch, and PrimeCo Personal Communications. Prior to his work in the wireless industry he held Associate and Assistant Professor positions in Electrical Engineering at Wilkes University, Wilkes-Barre, PA, and Shiraz University, Shiraz, Iran.

Ahmad has several publications including papers in technical journals and conference proceedings in the areas of communications and optical information processing. He received his BSEE and MSEE from Shiraz University, Iran, and Ph.D. in Electrical Engineering from University of Southern California, Los Angeles, CA.



## DR. SOLYMAN ASHRAFI

Staff VP, LTE  
MetroPCS

Dr. Solyman Ashrafi has spent over 25 years in the telecommunication industry. During this time he designed and built telecom networks for major operators in the U.S. and Europe. Dr. Ashrafi has held executive positions at Nortel Networks, Ericsson, and CSC where he worked at NASA Goddard Space Flight Center and received an achievement award for a major discovery. In 1999, he raised \$15M from Dallas-based Venture Capital firms, as well as EDS, and launched a Program Management company, which is soon to be acquired. Prior to that Dr. Ashrafi was the CTO and founder of two startup companies in the telecommunications and software industries which were both acquired. Solyman served on the Boards of several high tech institutions and was an Adjunct Professor for the graduate school of the University of Texas at Dallas.

Dr. Ashrafi received a Ph.D. in Applied Physics, a Masters degree in Communications Engineering, a Masters degree in Wave Propagation and a Bachelors degree in Electrical Engineering. Dr. Ashrafi has authored more than 25 professional articles and book contributions including a book with foreword from Physics Nobel Laureate H. Bethe.

Dr. Ashrafi was on the stakeholder Board of STARTech representing Nortel in 1997 and Ericsson in 1999. Dr. Ashrafi received a major award from Governor Rick Perry in June 2007 for his discovery of a new modulation technique that unleashes bandwidth providing an order of magnitude higher spectral efficiency for

broadband communications. He is currently the Staff Vice President of LTE at MetroPCS head quartered in Richardson Texas.



## JIM BAKER

Managing Partner  
Xventure

Jim Baker is a technology entrepreneur and seasoned C-level veteran of the wireless broadband industry as both a service provider and hardware vendor, having founded and served as CEO at Telabria (a UK-based wireless ISP) and Moovera Networks (a manufacturer of cellular gateways for vehicular connectivity). Most recently he was Chief Marketing Officer at Icomera following its acquisition of Moovera in 2008, where he developed the product and marketing strategy for connecting trains, buses and ferries to the Internet for passenger Wi-Fi, CCTV and onboard systems control.

He is currently a partner at Xventure, a market strategy company based in London and San Francisco, and a non-executive director of several technology companies. Jim is Chair of the Technology Committee of the Joint Council on Transit Wireless Communications ([www.transitwireless.org](http://www.transitwireless.org)), a US non-profit that is developing a strategic plan for implementation of wireless broadband technologies in public transportation.



## FRANK J. BERNHARD

Research Director and Distinguished  
Technology Economist  
Telecommunications.

Media OMNI Research Group

FRANK J. BERNHARD is one of today's leading technology economists and a Managing Principal with the Telecommunications, Media, and Technology Practice at OMNI Consulting Group. His consulting clients span the globe and include an impressive portfolio of Fortune 500 companies across network developers. Most noted for discovery and research in the domain of technology economics, the Firm's research continues to pioneer much of the contemporary thinking that binds an understanding of telecom and operators strategy models.

His span of influence encompasses more than 18 years of telecommunications industry experience in segments such as broadband service generation, wireless carrier operations, PSTN evolution, and subscriber modeling across North American, European, and Asian operators. His depth of advisory research and perspective as an economist continues to shape policy and strategy decisions made by the Firm's telecommunications clients. Current research silos focus on:

- Valuation of emerging mobile operator business models
- Wireless broadband initiatives and WiMAX, LTE, competitive technology blueprints
- Econometric applications of subscriber profiles and enhancement of productivity through mobile networks



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**STEVE BERRY**  
President & CEO  
Rural Cellular Association

Steven K. Berry serves as President and CEO of the Rural Cellular Association (RCA), the voice of rural and regional wireless telecommunications providers. With nearly 90 carrier and 140 vendor/supplier members serving more than 80 percent of the U.S. and its territories, RCA speaks with a strong, united voice on issues that impact those providing wireless communications in regional, remote, and hard-to-reach areas and the communities they serve.

Prior to joining RCA, Berry was the Managing Director of Government Affairs (Global) for Merrill Lynch, responsible for all Legislative and Executive Branch matters. He was also responsible for global policy analysis, policy risk assessment and development.

Before joining Merrill Lynch in February 2008, Berry was the Executive Vice President of Government and Corporate Responsibility for the Direct Marketing Association (DMA), the leading global trade association of businesses and nonprofit organizations using and supporting multichannel direct marketing tools and techniques. Berry led DMA's government relations and corporate responsibility work, both in Washington, DC and around the nation.

Berry joined DMA in February 2007, bringing with him nearly 30 years experience in the public and private sectors, most recently as president of Steven K. Berry, LLC, and as consultant to The Livingston Group in the areas of telecommunications and technology policy as well as international trade and development issues.

A seasoned lawyer, Berry has held positions as Senior Vice President of Government Relations for the National Cable & Telecommunications Association (NCTA), Senior Vice President of Government Affairs for CTIA-The Wireless Association, and partner of the law firm of Holland & Knight, LLP.

Berry began his government career as Associate Counsel on the House Agriculture Committee, and later became Chief of Staff to the Ranking Member of the Agriculture Committee. He went on to serve in many key positions - both on and off Capitol Hill - during his government career, including as Republican Counsel for the House Permanent Select Committee on Intelligence, Republican Chief of Staff for the House Foreign Affairs Committee, Assistant Secretary of State for Legislative Affairs for the U.S. Department of State, and Chief Counsel and Director of International Operations and European Affairs for the Senate Foreign Relations Committee.

While serving as Chief of Staff to the House International Relations Committee, Berry was also Associate Counsel to the Iran-Contra Committee - The Committee to Investigate the Covert Arms Transfer with Iran. More recently, Berry was appointed to the Presidential HELP Commission, studying reform of the U.S. Government's foreign assistance programs. Berry, a member of the Virginia bar, holds a bachelor's degree from Emory and Henry College, and a juris doctorate from George Mason University Law School.



**ALEX BESEN**  
CEO & Founder  
The Besen Group

Alex is the Founder & CEO of The Besen Group LLC. He provides advisory and training services to corporate executives in the mobile data industry. He manages the firm's network of independent consultants and channel partners and interacts with his advisors. Alex has over 16 years of hands-on experience in the mobile industry working for operators and vendors in North America and Europe in numerous roles including business development, marketing, project management and finance. He has been working with mobile network operators in developing their wholesale business models, advising MVNOs to launch their mobile and mobile data services as well as helping MVNEs with their service portfolios.

Previously, Alex worked at Ericsson with mobile operators on MVNO and UMTS projects in the EMEA (Europe, Middle East and Africa) region. He was also responsible for identifying potential partners and hosting workshops at Ericsson Mobility World (a mobile data laboratory) where developers create, optimize and commercialize mobile applications.

Prior to this position, Alex was employed at T-Mobile USA (formerly known as Omnipoint Communications) where he was responsible for partnerships, and joint ventures and provided billing, customer care, marketing and vendor financing solutions to mobile operators.

Alex began his mobile career with Pocket Communications based in Washington, DC where he managed the company's auction activity for C-block spectrum licenses as well as other activities associated with market research, market segmentation, pricing plans and market distribution strategies.

Alex holds a BS degree in Management from the University of Tampa and an MBA degree in International Business from the American University. Alex is fluent in French, Turkish and proficient in Italian.

He has delivered a 4G wholesale business presentation to FCC in October 2010. In addition, he has spoken at MVNO Industry Summit 2010, Eurasia Com 2009, Mobile World Congress 2008, MVNO Summit 2008, MVNO Summit 2007, MVNO Congress 2007, Emerging Mobile Partnerships & MVNOs Conference 2007, CTIA Wireless 2006, CTIA Wireless 2005 and is quoted frequently in the leading telecommunications and media publications.



**ARUN BHIKSHESVARAN**  
Senior Vice President, Strategy  
and Chief Technical Officer  
Ericsson North America

Arun Bhikshesvaran has more than 15 years of experience in the wireless communications industry. He has been with Ericsson since 1995 and is currently Senior Vice President of Strategy and Chief Technology Officer for Ericsson North America. Bhikshesvaran is responsible for identifying Ericsson's long-term vision, defining the overall company strategy and driving business value creation for Ericsson's customers.

He has served in a variety of roles within the industry including Multimedia and Infrastructure Solutions, Systems Solutions and Integration, Field Engineering, R&D and Global Product Marketing. Bhikshesvaran holds a Masters Degree in Electrical Engineering and has completed a Post Graduate Executive Program at Columbia Business School. He serves on the Board of Directors of the Telecommunications Industry Association (TIA) and the Dallas-Fort Worth Metroplex Technology & Business Council (MTBC).



**JOEL BRAND**  
VP of Product Management  
Byte Mobile

Joel Brand is responsible for all aspects of product management for Byte Mobile. For more than 20 years, Brand has actively participated in defining and building infrastructure solutions that enable service providers to introduce network-based value-added services. Before joining Byte Mobile, he was responsible for the service provider business of Ruckus Wireless. Prior to that, he worked for SoftBank in Japan, where he was in charge of its MMS and graphical 3D Virtual World infrastructure for social networking applications. Brand has also held product management and engineering leadership positions at Tahoe Networks, Octel Communications, Amdocs, Nortel Networks, and the Israeli Defense Force. He holds a B.Sc. and M.Sc. from the Israeli Institute of Technology as well as MBA from National University in San Diego.



**ALEX BRISBOURNE**  
President & COO  
KORE Telematics

Alex Brisbane, president and COO of KORE Telematics, is an energetic and engaging speaker and is frequently sourced by journalists as an expert on wireless M2M communications. In the past three years he has been quoted in publications too numerous to list individually, ranging from The Wall Street Journal to Wireless Week, and has presented at the following industry events:

CTIA WIRELESS International: 2008, 2009 and 2010  
CTIA Wireless IT & Entertainment: 2008 and 2009  
M2M Connected World 2009  
International Wireless Communications Expo 2008  
WCA International Symposium & Business Expo 2008



**JEAN-LOUIS CARRARA**  
VP Business Development  
Telecommunications  
Gemalto

Vice President Business Development, North America  
Telecommunications Business Unit, Gemalto

As a Vice President at Gemalto, Jean-Louis Carrara is responsible for the deployment of new telecom product lines and service businesses in North America. Prior to this, he was VP Marketing, Solutions, and Strategy for the Gemalto's digital security products and services for wireless providers in North America. His team is currently focused on opportunities such as the migration to LTE, M2M, NFC and mobile financial services.

Background and Industry Experience:

Mr. Carrara holds a Master's Degree in Engineering from l'Ecole Centrale de Lyon, France and an MBA from the Ellis College of NYIT. Prior to joining Gemplus in North America, he was a consultant for Paris-based Nodal Consultants, specializing in Strategic Marketing Research. He conducted orientation studies including marketing and distribution strategies for patents and innovative products.

**Current Activities:**

Mr. Carrara is actively involved in the wireless industry as a speaker at industry conferences and frequently represents Gemalto to the telecom media and analysts. Mr. Carrara is a board member of 3G Americas.



**DAVID CHANDLER**

Director of Product Management-LTE  
Alcatel-Lucent



**MUNISH CHHABRA**

Senior Manager - Business Development  
Aricent

Munish is responsible for Business Development of Wireless/Wireline and Datacom Products at Aricent. He has been the key driving force behind several of Aricent's award winning pre-packaged software frameworks across various evolving wireless and datacom technologies. Munish has over 11 years of experience at Aricent in various positions across Business Development, Partnerships and Engineering. Munish has B.Tech in Computer Science from NIT Kurukshetra, India.



**SEAN COREY**

IP Counsel  
Sisvel

Sisvel US IP Counsel Sean Corey manages various licensing activities for the company, including development of licensing strategy and negotiation of license agreements in patent pools and bilateral licensing programs, based on technologies including MPEG Audio, RFID, CDMA2000 and other telecommunications standards, and DVB (Digital Video Broadcasting). He also manages patent litigation in coordination with outside counsel.

Prior to joining Sisvel US, Mr. Corey was with Cleary Gottlieb Steen & Hamilton LLP.

Mr. Corey holds a Juris Doctor degree from Georgetown University Law School, and earned his Bachelor's degree from the College of the Holy Cross.



**JOHN CURTIS**

CEO  
Stelera Wireless

John Curtis has served as CEO of Stelera Wireless since February, 2010. Prior to that, he served as its COO and is a co-founder of the company, assisting in the company's spectrum acquisition, business plan, network build-out, Rural Utility Service Broadband loan approval and three rounds of early-stage funding. Previously Mr. Curtis served as Director, Corporate Development with responsibility for strategy and mergers & acquisitions at Syniverse Technologies (NYSE: SVR). There Mr. Curtis led a number of public offerings, financings and strategic cross-border transactions. Prior to joining Syniverse, Mr. Curtis worked as an investment banker in the Media & Telecommunications Industry Group at CIBC World Markets in New York, where he executed a variety of equity offerings, debt offerings, and financial advisory assignments. Earlier, Mr. Curtis served in several policy and government relations roles in Washington D.C. He holds a master's degree in business administration with



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a concentration in finance from the University of Chicago and a B.A. from the University of Texas at Austin.



## CHRIS EBERT

Head of 4G Strategic Product Marketing, North America  
**Nokia Siemens Networks**

Chris Ebert is responsible for strategic product marketing for LTE, WiMAX and 4G for Nokia Siemens Networks in North America. With more than 20 years of international experience in product marketing, product development and sales in the wireless industry, he has a proven track record in defining, marketing and bringing new technologies to market. Additionally, he brings a broad based perspective from experience working at a Tier 1 networking vendor, notable industry start-ups and wireless carriers.

Prior to joining Nokia Siemens Networks, he held senior positions at Tata Systems, Tahoe Networks, Openwave (originally joining pre-launch as part of Unwired Planet/Phone.com, the birthplace of the Mobile Internet), Southern Company and Ameritech Cellular.



## DR. ARNON FRIEDMANN

Strategic and Technical Product Marketing, Wireless Base Station Infrastructure  
**Texas Instruments**

Arnon Friedmann, Ph.D., is a visionary expert in the emerging applications of communications infrastructure. In his role as the Wireless Infrastructure Strategic and Technical Marketing Manager at Texas Instruments (TI), Dr. Friedmann is driving the company's efforts in 4G technology, including 3G Long Term Evolution (LTE) and 802.16m (WiMAX). His efforts have enabled TI to take leadership positions in these evolving OFDMA applications.

In his 12 years in the industry, Dr. Friedmann has gained extensive experience in digital communications research and development for magnetic storage, DSL and wireless systems applications.

Dr. Friedmann earned a Ph.D. in Communications Theory and Systems and a B.S. degree in Engineering Physics from the University of California San Diego (UCSD).



## PETE GELBMAN

Director Systems Research & Standards  
**Clearwire**

In his role at Clearwire Mr. Gelbman is responsible for R&D and evolution of the company's radio access network. Pete has been working on mobile broadband wireless technology for 12 of his 18 years in wireless, has an extensive background in the development of advanced radio base station products, and holds several patents in these fields. As principal system architect with Clearwire since 2005, Pete has led the company's RAN technology strategy roadmap as Clearwire has transformed from a small regional provider of fixed wireless services into the leading nationwide 4G operator in the USA. During this period, his responsibilities have included development of one of the earliest commercial mobile OFDM wireless broadband

technologies (subsequently sold to Motorola), driving WiMAX standards, guiding the world's largest mobile 802.16e deployment, and more recently, leading Clearwire's LTE research and 3GPP initiatives.

Prior to Clearwire, he spent 8 years at Arraycomm, where he held several system engineering roles in the development of Beamforming/MIMO signal processing products for next-gen wireless technologies, including PHS, WLL, GSM, WCDMA, iBurst, 802.20, and WiMAX. Pete was an early member of the team that developed iBurst/HC-SDMA, one of the first mobile broadband wireless access systems to optimize bandwidth using smart antenna algorithms, and was incorporated into IEEE 802.20.

Pete is an avid technical SCUBA diver with a passion for underwater caves and shipwrecks, and is an active member of several diving research and science organizations. When he's not building radio systems, Pete can be found exploring reefs, wrecks, and caves around the world.



## PAUL GILLILAND

Executive Vice President  
Telecommunication Systems Business  
**Samsung Electronics Co**

Paul Gilliland is Senior Director of the Wireless Network Systems for Samsung Mobile, responsible for US Infrastructure Business in CDMA, LTE and femtocells. Paul's team has been responsible for the first commercial LTE Network in the US and for the first commercial femtocell network worldwide. He was instrumental in establishing the WiMAX program in Samsung supporting Sprint-Nextel product introduction. Paul helped launch Samsung CDMA Network business with deployments in Sprint. Paul has been with Samsung since 2000 and previously he helped form Crosspan, a Raytheon company specializing in wireless communication technologies including smart and active antennas. Paul worked fifteen years in the Texas Instruments Antenna Dept developing phased array technologies for communications and defense systems. Degrees include BS Engineering from Oklahoma State University and MS Engineering and Engineering Mgt from Southern Methodist University.



## EAMONN GORMLEY

VP of R&D  
**Eden Rock Communications**

Eamonn Gormley, VP of R&D, has more than 15 years of leadership and expertise in the development and deployment of advanced OFDM broadband wireless systems, with a strong focus on OFDM wireless systems engineering, network planning, airlink system design and signal processing. Gormley has been granted 16 U.S. patents in the area of wireless communications, with multiple patents pending.



## CHRISTER GULLSTRAND

Technology Director/GSM Standards  
**Syniverse**

As director of GSM standards, Christer Gullstrand is responsible for managing Syniverse's involvement in developing GSM standards, particularly as the company collaborates with the GSM Association. For more than 15 years, Mr. Gullstrand has played key roles in the creation of a variety of international roaming standards, including TAP2+, TAP3, RAP, NRTROE, RAXX AA.14, roaming hubbing billing and RTDR. In addition to regularly speaking at Billing and Accounting Roaming Group (BARG) events, he has served as chair of the Transferred Account Data Interchange Group (TADIG) since 2000 and also has experience leading the GSM TADIG File Specification subgroup. Mr. Gullstrand began his telecom career with Ericsson Radio Systems in 1986 and spent time as a project manager for Telia Research before joining Syniverse in 1996. He earned his master's degree in electrical engineering from the Lund Institute of Technology in Sweden.



## JOACHIM HALLWACHS

VP Marketing  
**DesignArt Networks**

Joachim has over 20 years of experience in data communication and wireless network infrastructure sectors. Prior to joining DesignArt as VP of Marketing and Business Development, Joachim held many executive positions handling marketing, business development, and M&A assignments. Joachim has a master's degree in Physics, from Eberhard-Carls University, Tübingen, Germany.



## MARTIN HARRIMAN

CEO  
**LightSquared**

Effective fall of 2010, Martin Harriman will be the Executive Vice President of Ecosystem Development and Satellite Business for LightSquared. Martin will be responsible for satellite engineering, devices and chipset development, service applications, and partner solutions.

Since the first quarter of 2010, Martin has been serving as an advisor to Harbinger Global Wireless.

Before joining LightSquared, Martin held a number of senior executive positions with Ericsson in Sweden including Senior Vice President of Sales, Marketing, and Business Development.

Prior to Ericsson, Martin was the Chief Marketing Officer of Marconi, where he also had responsibility for Marconi's Asia Pacific and Middle East businesses. He represented Marconi on the Executive of the UK Broadband Stakeholder Group, and he was also a director of Easynet, an early broadband pioneer, which was subsequently acquired by Sky. Prior to that, he led a Corporate Sales and Marketing team at BT (previously British Telecommunications).

He has a degree in psychology and post-graduate degrees in History and Business Administration.



### RASMUS HELLBERG

Director, Technical Marketing  
**Qualcomm**

Rasmus Hellberg is part of Qualcomm's technical marketing team where he focuses on the wireless evolution. He previously spent 10 years in the wireless infrastructure industry and held several product management positions in Sweden and San Diego covering CDMA2000, 1xEV-DO, WCDMA and PDC, mainly focusing on the Radio Access network product. Rasmus started his telecom career in product management working on the Japanese PDC system and later on the first commercial WCDMA product.

Dr. Hellberg holds a Ph.D. in Electromagnetic Wave Propagation and a Master degree in Electrical Engineering from the Royal Institute of Technology in Stockholm Sweden. He also received a Bachelor degree in Business Administration and Finance from the University of Stockholm, Sweden.



### ANDERS HENRIKSSON

Senior Product Manager  
**ST-Ericsson**

Anders Henriksson is the Senior Product Manager for LTE platforms at ST-Ericsson LTE & 3G Modem Solutions division. Mr. Henriksson entered the ST-Ericsson joint venture from a position in Ericsson Mobile Platforms as Senior Manager for Access

Technologies. Mr. Henriksson joined Ericsson in 2000 and has held various specialist positions within System Management and Product Management for both networks and mobile platforms. Mr. Henriksson holds a number of patents in the area of cellular communication.

Before joining Ericsson, Mr. Henriksson worked at the research unit of the Swedish operator Telia (now TeliaSonera). There he was the Telia delegate in several different standardization groups including ETSI SMG-2 and 3GPP RAN-1.

Mr. Henriksson holds a Master of Science degree from Linköping University, Sweden, and the University of Massachusetts, Amherst, USA.

Mr. Henriksson was born in 1969 in Gothenburg, Sweden.



### MICHAEL HOWARD

Principal Analyst & Co-Founder  
**Infonetics Research**

Michael Howard co-founded market research firm Infonetics Research in 1990, and today is recognized worldwide as one of telecom's leading experts in emerging markets, service provider trends, and user buying patterns.

Nicknamed the "Ethernet pope," Michael leverages 40 years of communications and market research experience to author numerous works year-round, including market share and forecast reports on carrier Ethernet, routers and

switches, IP MPLS VPN, and mobile backhaul. In 2008 he co-authored the book, *Carrier Ethernet: Extending Ethernet Beyond the LAN*.

An influential thought leader, Michael is a consultant to startups, carriers, vendors, and the investment community; he speaks at industry events year-round; and is frequently quoted in the press, including *Business Week*, *CNN Money*, *The Daily Deal*, *Forbes*, *Fortune*, *Investor's Business Daily*, *NetworkWorld*, *New York Times*, and *The Wall Street Journal*.

Before founding Infonetics, Michael was an IT Director at Tymshare/Tymnet, where he created network accounting, and led the First Interstate Bank project that developed the world's first pre-Internet in-home banking system. Prior to that, Michael worked for Systems Development Corporation on operating systems and programming language compilers for ARPAnet, which later became the Internet.



### MARVIN IWANSKI

Director of Strategic Switching  
**Cellcom**

Marvin's long history in telecommunications started in 1977 with GTE Automatic Electric in Waukesha, WI. His service at GTE included the Genoa, IL, and Northlake, IL, locations, where he worked on many generations of telecom equipment, including electromechanical and micro-processor controlled systems. In 1985 he assumed a new role at Schneider

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Communication, a long distance voice and data provider in Green Bay, WI. While at Schneider Communications, (acquired by Frontier Communications in 1995), Iwanski was in-charge of the switching and network operation. In 1997 Marvin joined Airdigm, a provider of GSM-based PCS services and then the CLEC U.S. Exchange. Marvin assumed his current position as Director of Strategic Switching for the Wireless and CLEC Corporate Engineering Services Group at Nsight TeleServices in February of 1999. Iwanski has also held roles on Nortel User Groups for both the DMS-250 (IXC switch) and the DMS-MTX (wireless switch).

Marvin obtained a Bachelors of Science degree in Industrial Education in 1974 from UW Stout and completed additional engineering courses at Marquette University in Milwaukee. He received his Associate Degree in Electronic Network Analysis in 1972 from North Central Technical College in Wausau, WI.



### MIN JEON

Vice President  
KMW

Dr. Min Jeon has over 20 years of wireless technical and management experience. He is currently Vice President for KMW Communications, a leading RF technology and infrastructure provider. Jeon is responsible for leading Technology and Product Planning for KMW America and Europe.

Dr. Jeon started his career in 1997 with Samsung Electronics as a RF system engineer, designing and implementing new cellular systems of cdma2000. He graduated from Pohang University of Science and Technology (Ph.D) in Korea.

Prior to joining KMW Communications, Jeon has held Engineering Management, Customer Support and Business development positions with companies specializing in designing and implementing cdma2000 system, WiBro /M-WiMAX system and now leading edge Antenna, Filter and Integrated RF products with KMW Communications.



### KJELL JOHANSSON

Director, Communication  
Services Sales  
Ericsson

Kjell Johansson is Director of Communications Services Sales for Ericsson in North America. He has 25 years of experience in the telecom industry and has been with Ericsson since 1985. Johansson is solution responsible for Ericsson's Next Generation Voice solution portfolio in North America.

In this role, Johansson works closely with the carrier CTO and CMO groups, as well as with select partners, to design and align Ericsson solutions with customer short- and medium-term requirements. He is also responsible for alignment of the Ericsson and the carrier's long-term technology requirements and roadmaps as part of Ericsson's strategic partnerships with the carriers.

Previously, Johansson has held a number of Product Management positions within Ericsson, including one in the headquarters organization in Sweden as P&L responsible for the company's

global SS7-portfolio, and one in the AT&T account, responsible for Core Network solutions to AT&T.

Johansson has a background in Software R&D and advanced systems design, and served as a principal systems architect within the Ericsson switching division, specializing in call control and subscriber databases.



### HANK KAFKA

SVP, Architecture and Planning  
AT&T

As AT&T's Vice President - Network Architecture, Hank is responsible for creating the target architecture and roadmap for AT&T's technology through the network layer, including the access, metro, transport, and core technologies for wireless, wireline, broadband, and cellular networks. Hank is also responsible for development and delivery of AT&T's radio access network, and for managing all of AT&T's standards activities.

Hank has over 25 years of experience in telecommunications, focused on identifying key emerging technologies, shaping them to meet customer and service provider needs, and pushing the best of them from the lab into the network. He started his career in Bell Labs, holding various technical and management positions in development, applied research, and architecture for communication and video technologies. At Johnson Controls he was responsible for the Controls Group data, voice, and mobile communications networks and applications for local, regional, and global networks. Before Bellsouth's merger with AT&T, Hank's responsibilities at various times included the architecture for all of Bellsouth's networks and services, IT architecture, systems engineering, and advanced technology / exploratory development.

Hank has a Bachelor of Science degree in Electrical Engineering from Northwestern University and a Master of Science degree in Electrical Engineering from the University of Illinois at Urbana-Champaign.



### MICHAEL KENDE

Partner  
Analysys Mason

Michael Kende is the Head of the Regulatory Sector at Analysys Mason and of the US Office. Michael is an economist by training, with a Ph.D. from MIT. After MIT, he spent five years as a professor of Economics at INSEAD, a business school near Paris, before joining the Federal Communications Commission. At the FCC, Michael was the Director of Internet Policy Analysis, where he was responsible for managing a wide range of policy analyses and regulatory decisions on Internet policy (including interconnection), broadband deployment, and mergers.

At Analysys, Michael has worked with operators and regulators in six continents, providing advice on a variety of Internet issues. He has worked on projects relating to Internet backbone interconnection, spectrum assignments, broadband deployment, Voice over IP and IPTV. His clients have included the World Bank, the IDA in Singapore, OSIPTEL in Peru, AT&T, and the European Union. Recent strategy projects include assisting an operator develop an Internet

portal strategy, a market assessment for an equipment vendor, and an assessment of online service provider strategy.



### LARS KLASSON

CTO  
TeliaSonera

Mr Lars Kllasson is CTO and SVP Business Area Mobility Services of TeliaSonera AB.

Mr Kllasson has held numerous senior management positions within TeliaSonera. The responsibility today includes TeliaSonera's mobile technical operations in Sweden, Finland, Norway, Denmark and Lithuania. Mr Kllasson is also a board member of the largest mobile operator in Estonia - ETL.



### JOHN KRZYWICKI

Partner  
Analysys Mason

Mr. Krzywicki joined Analysys Mason as a Partner in February, 2009. Prior to that his experience included being the Founder and President of Cambridge Strategic Management Group, a Cambridge, MA based telecommunications specialized consultancy, subsequently President of TMNG Strategy, and VP Marketing, Strategy and Business Development for a high tech startup, GigaBeam, a developer and manufacturer of next generation point-to-point ultra broadband (1 Gbps+) wireless transmission radios.

Mr. Krzywicki has led strategy consulting work in every major area of telecom services. Wireless: Mobile/cellular (everything from personal and content/media based services to wirelessly enabling enterprises), fixed wireless (WiFi, WiMax), wireless local loop, and wireless backhaul. Wireline: ILEC, IXC, CLEC, DLEC, with a robust mixture of seizing new markets (traditional telecom and new media, especially IPTV), and opportunities to fixing ongoing problems. CATV: All aspects of "the triple or quadruple play," leveraging content/media services and Internet capabilities. Internet: Peering, backbone traffic flows, advertising support, role in end user packages, pricing, and many more issues. Specialty Zones: Including undersea fiber optic cables, satellite systems, international settlements, all aspects of access, tariff and rate setting processes, spectrum licensing, wireless towers, wholesale services, MVNOs, DRM, and many more. Mr. Krzywicki has had clients on six continents and has done more than 300 projects in 40+ countries outside his home base of the US, and a larger number of projects in the US.

Mr. Krzywicki has spoken at over 100 conferences on four continents, and been an expert witness a thirteen times in litigations or regulatory proceedings. His conference presentations and contributions in 2009 have been: IPTV: Global Comparisons, for Satellite 2009; Broadband Demand in and out of Sub-Saharan Africa for ITW 2009; Evolution to LTE to the CariCam 2009 conference in Barbados; he chaired the first day of the Open Source in Mobile Software 2009 Conference in San Francisco; and he presented regarding international models regarding IPTV at the IPTV Forum North America, in NYC. In 2010 he has spoken on 2G/3G evolution to LTE in Latin

America at a conference in Rio de Janeiro, and Broadband Demand in and out of Sub-Saharan Africa for ITW 2010.



**BLAIR KUTROW**  
VP of Marketing  
**LightSquared, USA**

Ms. Kutrow serves as Vice President of Marketing for LightSquared where she is responsible the company's marketing strategy and implementation including advertising, promotions, and public relations and internal communications. In this role, Ms. Kutrow leads the marketing of programs surrounding LightSquared's revolutionary plans to build the first LTE network to combine a terrestrial wireless broadband network with next generation satellite technology to provide nationwide wireless broadband connectivity. The company's wholesale-only business model will enable unprecedented new, competitive business opportunities in the wireless broadband market while spurring the development of countless new wireless devices, applications and services.

As a 20-year telecommunication executive, Ms. Kutrow's career has spanned many roles, from managing customer operations to product management of voice and wireless data services, to development of wireless handsets and devices. Before joining LightSquared, she served as Senior Vice President for Product Development and Marketing at 4DK Technologies. Prior to 4DK, Ms. Kutrow served as Senior Vice President of Product and Content Marketing at XM Satellite Radio. In this role, she was responsible for development of XM radios, XM wireless streaming services, XM navigation and traffic services as well as segment and content marketing of XM's sports and music content. Ms. Kutrow also served as Vice President of Product Management at Nextel Communications for eight years where she was responsible for Nextel's industry-leading push-to-talk service, all voice services, wireless data services including text messaging and Nextel's device and handset portfolio. Additionally, Ms. Kutrow was Vice President of Product Management at Vanguard Wireless where she was employed in various roles in customer operations and product development for more than 11 years.

Ms. Kutrow is a graduate of the University of North Carolina-Chapel Hill with a BA in History. She also has completed an executive program in Leadership from Georgetown McDonough School of Business.



**VICKI LIVINGSTON**  
Head of Communications  
**3G Americas**

Vicki Livingston is the Head of Communications and Analyst Relations for 3G Americas, LLC and supports the organization's mission to provide a unified voice for the GSM family of technologies including LTE throughout the Americas, providing accurate dissemination of technical and business information. In her role, she manages a team responsible for public relations, marketing, strategic planning, media and analyst relations and conferences. Previously, Ms. Livingston was in a similar marketing position with the Universal Wireless Communications Consortium (UWCC).

Ms. Livingston has over 20 years experience in public relations and marketing, having launched six new companies or international brands throughout her career including two wireless companies and 3G Americas.

In the wireless industry, Ms. Livingston served as the Marketing Consultant of Telecorp PCS during the launch of their service in the Wisconsin market. Additionally, she was Director of Marketing for Induslar Digital PCS, with full marketing, public relations and strategic responsibility for launch of Induslar's service including customer service, new product development processes, pricing and advertising.

Other career experiences include her role as Director of Business Development for one of the largest business-to-business advertising agencies in the U.S.; Public Relations Consultant to not-for-profit organizations; and as a volunteer on Boards of Directors including the Arthritis Foundation, AFS and Easter Seals (Past President). She began her career as Marketing Manager for Miller Brewing Company, a subsidiary of Philip Morris, Inc. where she first became involved in brand development, market segmentation and the launch of the Lite beer brand.

Ms. Livingston earned her Bachelor's degree from the University of Miami in Communications and Business Administration and later attended the Graduate School of Journalism at Marquette University in Milwaukee, Wisconsin.



**DANIEL LONNBALD**  
Chief Technology Officer  
**Sony Ericsson, USA**

Daniel works as a specialist in Communication and network group at CTO office in Sony Ericsson. His main focus is to set telecom roadmap and drive new technology inside Sony Ericsson, he is based in Sweden. Previously Daniel worked with technology alignment with large operators. Before joining Sony Ericsson he has worked as Senior Product Manager at Ericsson Mobile Platforms (ST Ericsson) and have over 15 years of experience within telecom.



**MALCOLM LORANG**  
CTO & Founder  
**MetroPCS**

MetroPCS Vice President and Chief Technical Officer, Malcolm Lorang, has extensive experience in RF system design and development at Magnavox Research Laboratories, Texas Instruments Central Research Laboratories and Product Groups, International Teletrac (PacTel vehicle location company) and PageMart Inc. Over the course of his career, Mr. Lorang has received a number of patents from facsimile at Magnavox, RF systems semiconductor integrated circuit designs at Texas Instruments and satellite controlled paging network and PCS systems design at PageMart.

Mr. Lorang's experience at Magnavox Research Laboratories (1957 to 1972) involved systems architecture and design/development of military source coding (e.g. Vocoders, etc.) and channel coding, spread spectrum (e.g. CDMA) communications RF modems, including "over-the-horizon" spread spectrum RAKE receiver modem and ARC 50, one of the first

spread spectrum radio modems for government agencies. Mr. Lorang also was system/circuit design engineer in one of the first portable facsimile units where he received a patent on facsimile signal processing.

Mr. Lorang continued his architecture development and RF systems design experience at Texas Instruments (1972 to 1988) where he worked on advanced RF receiver and transmitter designs (including radar), flat panel TV receivers, digital solid state camera systems, missile guidance and control systems, and coding of Bernoulli disk storage technology for still camera video and data storage plus line coding for computer networking. Also at TI, Mr. Lorang was involved with design of semiconductor products for telephone network application (e.g. ISDN) and in RF transceiver design - RF networking of information between stations under harsh battlefield environments. In addition, he has received multiple patents at TI involving integrated circuits/systems.

More recently at PageMart (1989 to 1994), Mr. Lorang was Vice President of Engineering and the key contributor towards the configuration and installation of the first direct broadcast satellite controlled, commercial paging system. Subsequently, Mr. Lorang has received several patents for paging systems, including satellite control, which is essential for high speed paging and narrow band PCS. Both at International Teletrac (1988 to 1989) and at PageMart, Mr. Lorang has worked closely with manufacturers in USA, Japan and Korea of consumer electronic products to develop a range of products from a new pager to an integrated pager/pocket organizer (Casio IP800), to an automatic vehicle location equipment and a PCMCIA pager data card.

Mr. Lorang's educational background includes MS degrees in Systems Engineering, Operations Research and Management Science from West Coast University, and a BSEE for Pacific State University.



**ZACH LOVELL**  
Product Planner - Protocol  
Analysis  
**JDSU**

Zach Lovell is Product Planner for protocol analysis and network diagnostics solutions focusing on evolving 3G and LTE in Agilent Technologies' Next Generation Wireless business. He graduated from Georgia Institute of Technology with a Bachelors of Science in Electrical Engineering in 1988.

During his 10 year working career Zach has worked with network equipment manufacturers and wireless service providers focusing on active and passive testing of CDMA, GSM, GPRS, UMTS & NGN networks. Zach has been engaged in all aspects of protocol test, including consultative assistance in troubleshooting live network problems & providing training in leading wireless technologies.



## DR. MOHAMED MADKOUR

Director, Wireless Marketing and Product Management  
Huawei

Dr. Mohamed Madkour is the Wireless Marketing team lead at Huawei Technologies (North America). His team responsibility is architecting and promoting wireless product solutions for current and future technologies focusing on 4G and mobile broadband applications. Madkour is a thought leader in the wireless communications space with more than 15 years of experience. Prior to joining Huawei, Madkour has held a number of positions in telecommunications industry as well as academia including Ericsson; Artel; SMU; and Alexandria University. Madkour earned his Ph.D. in Electrical Engineering from Southern Methodist University, Dallas, Texas in 2001. He holds two patents in spread spectrum technology. He is the author or co-author of several papers in IEEE journals and international conferences.



## VINAY MAHENDRA

Sr. Manager and a System Architect  
Samsung Telecom

Vinay Mahendra is a Sr. Manager and a System Architect for 4G networks at Samsung Telecom. He is primarily responsible to help design and deploy LTE Access Networks. His team played an integral role to launch the first commercial LTE network in North America for MetroPCS. Currently, majority of his time is spent to investigate challenges associated with lower 700MHz spectrum. His contributions in LTE Band 12 deployment, range from interference characterization, contributions to 3GPP, mitigation techniques, and deployment solutions.

Vinay is a 20 years veteran of the telecommunications industry specializing in wireless domain. Prior to joining Samsung's 4G team, Vinay held various positions in GSM, TDMA, CDMA, and UMTS technologies & operations. He started his career at Nortel's BNR labs in Richardson Texas. He holds a BS and MS from Texas Tech University.



## DR. IVO MALJEVIC

Senior Engineer, Technology Strategy  
TELUS Mobility

Dr. Ivo Maljevic, Senior Engineer, Technology Strategy, TELUS  
Dr. Ivo Maljevic is a senior member of TELUS' LTE Evolution team, where he focuses on RAN, radio performance characterization and system trials. He has been actively involved with the Canadian Evaluation Group for the IMT-Advanced proposal, as well as with NGMN activities. Prior to TELUS, he was with Soma Networks as a senior RAN engineer. Before that, he worked at Motorola Canada. Dr. Maljevic received the B.S. degree from the University of Podgorica in 1991, the M.S. degree from the University of Belgrade in 1995, and the Ph.D. degree from the University of Toronto, Canada, in 2004, all in electrical engineering. His areas of expertise include LTE/WiMAX/CDMA systems, software defined radio, signal processing, and digital communications theory.



## KEITH MALLINSON

Founder  
WiseHarbor

Keith Mallinson is founder of WiseHarbor, providing expert commercial advisory to technology and services businesses in wired and wireless telecommunications, media and entertainment serving consumer and professional markets. He is a regular columnist with Wireless Week magazine and FierceWireless Europe.

Mallinson led Yankee Group's global Wireless/Mobile research and consulting team as Executive Vice President, based in Boston, from 2000 to 2006. His responsibilities also included consumer media and enterprise communications. Until then, he had overall responsibility for the firm's European division, based in London, as Managing Director from 1995 until 2000. He was the European Research Director prior to 1995.

Mallinson has 25 years experience in the telecommunications industry, as research analyst, commercial consultant and as a testifying expert witness. Complementing his industry focus, he has a broad skill set including technologies, market analysis, regulation, economics and finance. He has published numerous reports and speaks publicly at industry events such as the leading Mobile World Congress and CTIA trade shows on a wide variety of topics including next generation broadband network technology adoption, fixed mobile convergence, semiconductor technologies, intellectual property patents and licensing, emerging markets in developing nations, mobile operating systems, search and advertising.

Mallinson has an undergraduate electronic engineering degree from London University's Imperial College and an MBA from the London Business School, including an academic exchange with Northwestern University's Kellogg Graduate School of Management in Illinois.



## PHIL MARSHALL

Chief Research Officer  
Tolaga Research

Phil Marshall is a co-founder and Chief Research Officer of Tolaga Research. Tolaga provides premium market and industry research with a strong quantitative focus. Before founding Tolaga, Dr Marshall was an Executive at Yankee Group for nine years, and most recently led its service provider technology research globally.

Marshall has almost 20 years experience in the wireless communications industry. He spent many years working in various engineering operations, software design, research and strategic planning roles in New Zealand, Mexico, Indonesia and Thailand for Verizon International (previously Bell Atlantic International Wireless) and Telecom New Zealand. In addition, Marshall was an electrical engineer at BHP New Zealand Steel before he attended graduate school.

He has a PhD degree in Electrical and Electronic Engineering and is a Senior Member of the IEEE. His research specialty is in radio engineering and advanced system modeling, and his operational experience is primarily in wireless network design and optimization.



## DAN MEYER

Editor  
RCR Wireless

"Dan Meyer is currently an editor at RCR Wireless News where he oversees the editorial direction of the magazine, reports on news from the wireless industry and provides opinion stories on topics of concern to the market. Meyer started at RCR Wireless News in 1999 as an editorial assistant and was promoted to reporter in 2000 covering wireless carriers and wireless technologies. Meyer was promoted to managing editor in 2005 and served in that position until the magazine was closed in 2009. Meyer was brought back to RCR Wireless News in

mid-2009 by its new owners Austin, Texas-based Arden Media Co."



## KEVIN MITCHELL

Director, Solutions Marketing  
Acme Packet

Kevin leads mobile solution marketing at Acme Packet, focusing on access, interconnect and core session routing applications of Acme Packet's Net-Net product family. In addition to developing marketing and event strategy, Kevin serves as the chief spokesperson for Acme Packet's solutions for femtocells, fixed mobile convergence, RCS, 4G voice, VoIP peering and core session routing. Kevin joined Acme Packet in 2005 after 8 years with Infonetics Research where he was most recently a Principal Analyst, serving as an overall company director and product manager and lead analyst responsible for consulting, analysis, product development and overall strategic direction of multiple technology coverage areas. In that role, he authored numerous in-depth reports, articles and presented research and analysis at industry conferences. He obtained his bachelor degree in marketing and philosophy from Boston College.



## BRIAN MODOFF

Managing Director  
Deutsche Bank

Brian Modoff is a Senior Analyst and Managing Director covering the Wireless Telecommunications Equipment segment at Deutsche Bank Securities. He is an Institutional Investor Magazine ranked analyst for both the North America and Global Wireless Telecom sectors. Major investment themes include the gradual adoption of next-generation wireless technologies (3G) and the challenges and opportunities of emerging multimode/multimedia handsets. Brian joined the firm in early 1997. He began covering the telecommunications space at Crutenden Roth in 1993, later joining Rauscher Pierce Refsnes in 1995. Brian has 12 years of industry experience. Brian worked at Rockwell International for four years as a manufacturing supervisor on the Ships Communication and Control Systems program and four years in navigation systems testing. Prior to Rockwell, he tested and repaired communication and navigation systems for the U.S. Navy. Brian received a Master of International Management degree at the American Graduate School of International Management in Glendale, Arizona. He received a B.A. in Economics from California State University, Fullerton.



**MIKE MORASH**  
Director, Product Line  
Management  
**Bridgewater Systems**

Mike Morash manages the product definition and lifecycle of Bridgewater's subscriber data management solutions including the Bridgewater Subscriber Data Broker and Service Controller, which spans Authentication, Authorization and Accounting (AAA) products. Morash is actively involved in ensuring customer requirements are incorporated into Bridgewater solutions, focusing on 4G next generation service control platforms including Bridgewater's Home Subscriber Server (HSS) for the Evolved Packet Core (EPC). He has held pivotal business development and sales roles during his 10+ years with the company.

Before joining Bridgewater, Morash provided guidance and direction as a consultant for directory security and Public Key Infrastructure (PKI) initiatives at Revenue Canada. His responsibilities included participation within an interdepartmental implementation committee for government-wide PKI adoption. Prior to that Morash held product management and software development roles with the Canada Post Research and Development facility and TRW's Integrated Engineering Division.

He holds a Master's degree in Project Management from the University of Quebec and a Diploma in Computer Sciences from Algonquin College.



**JON MORGAN**  
Senior Director of Product  
Marketing  
**Cisco**

Jonathan brings more than 20 years of marketing, technical, and management experience from across the communications industry to his role with Cisco through the acquisition of Starent Networks. As Senior Director of Product Marketing at Starent Networks, he was responsible for all aspects of external product marketing for the company. Prior to Starent Networks, Jonathan was Vice President of Product Marketing for Tata Systems responsible for all aspects of product marketing and product management.

Prior to Tata, Jonathan was Director of Product Management for Appian Communications. He has also held numerous management positions at Fujitsu Network Communications, including serving as the Senior Director of Product Marketing within the switching division, founding the Corporate Business Development group responsible for partnerships, mergers, and acquisitions, and various product planning positions defining next generation transmission and switching products.

Earlier in his career, Jonathan spent 7 years at Bellcore in various organizations, including the SONET Requirements and Project Management Departments, in addition to his time with the semiconductor company Transwitch. He holds a B.S.E.E. from Washington University in St. Louis and a M.S.E.E. from Rutgers University. Jonathan is routinely invited to speak at a variety of international organizations as well as leading industry conferences. Recent engagements

include: LTE World Summit, LTE Americas, LTE Asia, Mobile World Congress 2009, Femtocell World Summit, and ITU/Telecom 2009.



**ERIK P. NEITZEL**  
DMTS, Technology  
Development Group  
**US Cellular**

Erik Neitzel is a Distinguished Member of Technical Staff for U.S. Cellular Corporation, where he serves as the company's subject matter expert for wireless technology. Erik is a member of the Technology Development group, which researches, trials, and evaluates wireless access networks, and is leading U.S. Cellular's LTE technical trial effort. Prior to his work at U.S. Cellular, Erik served as a Sr. RF Engineer with PrimeCo Communications and was a Fire Control supervisor for naval gunfire and missile systems in the U.S. Navy. Erik holds a M.S. in Information Technology from Northwestern University and a B.S. from Regents College.



**BARBARA NELSON**  
CTO  
**iPASS**

As Chief Technology Officer, Barbara Nelson is responsible for establishing the company's technical vision and aligning that vision with the overall iPass business strategy. Ms. Nelson has more than 25 years of engineering experience in voice and data communications, mobile agents and international communications standards. She joined iPass in 2002, and has held a variety of roles including client architect, vice president of Information Systems, and vice president of engineering. She held engineering and product architect positions at Excitricity Software, General Magic and Retix. Ms. Nelson holds a bachelor's degree with honors in computer science from University College Dublin, Ireland.



**DR. SANKET NESARGI**  
Director of Marketing  
**Aricent**

Dr. Sanket Nesargi is the Director of Marketing at Aricent for the OEM segment. Sanket has 12 plus years of experience in the telecom industry and has worked with Aricent since May 2009. Prior to Aricent, Sanket has held positions in multiple domains including Strategy Consulting at KPMG, Product Marketing and Management at Tektronix, and Product Management and System Architecture at Nortel. Sanket holds Ph.D. in Computer Science from the University of Texas at Dallas, and an MBA from the McCombs Business School at the University of Texas at Austin.



**THOMAS NEUBAUER**  
Managing Director  
**Symena**

Mr. Neubauer has more than ten years of experience with automatic cell planning (ACP) and mathematical optimization. That experience has been applied to GSM, WCDMA, CDMA, WiMAX and LTE network design and operations. His academic background is in radio network planning and optimization with Smart Antenna and MIMO systems. Both are very relevant for LTE and

SON technologies. Dr Neubauer holds a Ph.D. in telecommunications engineering from the Vienna University of Technology. Thomas is leading Symena's development of SONovo™, a SON configuration server.



**HUNTER NEWBY**  
CEO  
**Allied Fiber**

Hunter Newby is a twelve year veteran of the telecom network industry. He has built a depth of creative and management experience and expertise in multiple disciplines within the field ranging from sales, marketing and technical aspects to network engineering and raising capital.

Prior to founding Allied Fiber, Mr. Newby was Chief Strategy Officer of the Telx Group, Inc., one of the leading carrier hotel interconnection facility operators in the U.S. Telx was founded in 2000 to address the need for a neutral environment for colocation and interconnection for all network operators. Mr. Newby led the direction of the company into this new dimension of the communication networking industry that had previously never existed. Under Mr. Newby's direction, Telx successfully created an entirely new business model and built the strongest brand name in the world for carrier-neutral core interconnection facilities.

During his tenure at Telx, Mr. Newby participated in management meetings with investors continually assisting in the capital raising process to fund the business as it grew. Through his role at Telx as Chief Strategy Officer and ultimately a member of the Board, he was directly involved in more than \$500 million in transactions between 2003 and 2007. He built and trained an outstanding sales team which produced consistent positive monthly, quarterly and annual revenue growth even through the telecom industry's downturn in the early 2000's.

Mr. Newby led not only the strategy of the company, but also the industry. Mr. Newby is well known in the Carrier Hotel Interconnection business and is also a recognized authority on Ethernet transport and Voice Peering.

Mr. Newby has been involved with various industry Councils and Associations including the Pacific Telecommunications Council (Vice Chairman of PTC Advisory Council), VON (Advisory Board Member) and the International Engineering Consortium. He has also written monthly columns and been featured in numerous industry publications including Capacity Magazine, Data Center Dynamics Focus Magazine, Fat Pipe Magazine, Internet Telephony Magazine, IP Business Magazine, Lightreading and Lightwave.

Mr. Newby received Bachelor's degree in Communications from Drexel University.



**DR SHAHRAM G NIRI**  
Director of Global LTE/SAE  
Strategy & Solution  
**NEC Europe**

Dr Shahram G Niri is an expert in telecommunications with more than 20 years experiences in the field of mobile communication technology, mobile services and applications and computer networking. Currently he is the Director of Global LTE/SAE Strategy & Solution in NEC. He obtained a PhD in mobile communications in 1999 and an

MSc in Telecommunication with distinction in 1995 both from the University of Surrey in UK. He has worked as a senior manager for a number of companies such as R&D, operators and manufacturers and other sectors in mobile industry and also provided consultancy to a wide range of clients such as network operators, service providers, blue chip manufacturer, government and regulatory bodies and R&D sectors. He holds several patents in mobile communications and has published over 45 technical papers and articles in this field in refereed international journals and conferences as well as in magazines.



### ALLEN NOGEE

Principal Analyst  
In-Stat

Mr. Nogee is a Principal Analyst for the Mobile Technologies and Cellular Infrastructure Services and is responsible for identifying and tracking hardware and semiconductor content in wireless communications equipment including cellular base stations, mobile phones and Wi-Fi devices. Nogee has more than 25 years of experience in the electronics industry in hardware and software design and development. Before joining In-Stat, he was a Product Development Manager at Syntellect, Inc. and has held design-engineering positions at MCI, GTE, and GE. He holds a BET in Electrical Engineering from Rochester Institute of Technology and a Master of Business Administration from Arizona State University.



### EMIL OLBRICH

Lead Project Engineer  
NIST

Emil Olbrich is currently Lead Project Engineer with the US Department of Commerce at the NIST Office of Law Enforcement Standards working on broadband initiatives and supporting the Public Safety Communications Research (PSCR) programs. His work is primarily focused on 700 MHz wireless broadband technologies in public safety communications, with a focus on how LTE can support their needs. Prior to this position he was Senior Consultant with Protiro Inc. working at the Institute for Telecommunication Sciences (ITS) in Boulder, CO supporting the PSCR and NIST OLES teams.

Mr. Olbrich has over 17 years of experience in the field of wireless telecommunications. He has worked primarily in R&D at some of the largest telecommunication companies in the world - such as Motorola, Qualcomm and Ericsson. His scope of work includes:

- Testing, Development & deployment of the some of the first commercial CDMA networks
- Early development of HDR (EVDO and DORA)
- Lead project engineer for the 2002 Salt Lake City Winter Olympics
- Total Project Manager for China Ministry of Information Industry 3G testing in China
- Lead project engineer for 700 MHz Public Safety LTE national test bed

His past experience with cellular based networks is helping to advance public safety communications into the next generation of wireless communications.



### MIKE O'MALLEY

Director, Market Planning & Analysis,  
Tellabs

Mike O'Malley is Director of Market Planning and Analysis at Tellabs.

In this role, he is responsible for application marketing, market intelligence, and product and market segmentation across the entire Tellabs product portfolio. Previously, O'Malley held a variety of positions in marketing, product management and product planning across Tellabs data, access and transport products. Prior to his current position, O'Malley held domestic and international marketing positions across Tellabs IP/MPLS, VOIP, SONET, DWDM, digital cross-connect and cable telephony products.

O'Malley has more than 15 years of telecommunications industry experience and holds a Master of Business Administration degree, a Master of Science degree in electrical engineering and a Bachelor of Science degree in electrical engineering from the University of Illinois.

Tellabs advances telecommunications networks to meet the evolving needs of users. Solutions from Tellabs enable service providers to deliver high-quality voice, video and data services over wireline and wireless networks around the world. Ranked among the BusinessWeek InfoTech 100, Tellabs (NASDAQ: TLAB) is part of the NASDAQ-100 Index, NASDAQ Global Select Market and the S&P 500. [www.tellabs.com](http://www.tellabs.com)



### MATHEW OOMMEN

VP Device & Technology  
Development  
Sprint

Mathew Oommen, Vice President, Technology Development/CTO is responsible for driving the network and systems architecture, device/chipset-ecosystem development, and emerging business and service models in collaboration with Sprint's partners and customers.

With a focus on wireless convergence that applies not only to networks, but also to devices, applications and systems, Oommen is helping Sprint deliver an enhanced customer experience today and usher in a new era, centered on a digital lifestyle.

Prior to joining Sprint in the fall of 2008, Oommen was Director of Technology and Services for the Reliance Industries Group in India. He also has served as Executive Vice President of Network at Reliance Infocomm/Communications and Chief Technology Officer at Flag Telecom (a Reliance Company). Prior to that, Oommen held executive positions at Optical Datacom, Williams Communications/Wittel Group and MCI Worldcom.

Mathew graduated from Oklahoma State University with a master's degree in electrical engineering and telecommunications.



### BILL PAYNE

VP Wireless Broadband Systems  
and Technology Networks CTO  
Motorola Solutions

Bill Payne is Vice President of the

Wireless Broadband Systems and Technologies (SAT) team and Chief Technology Officer of Motorola's Networks business. His team is responsible for systems engineering and technology development for Motorola Networks' LTE and WiMAX product lines. System engineering aspects include the development of system requirements, specifications, architecture documents and functional & performance validation. Technology aspects include algorithm and initial PHY/MAC implementations of IEEE 802.16e/WiMAX and LTE (FDD and TDD), along with system development for technology trials. The SAT team also includes the Networks' Global Standards team with active participation in 3GPP, 3GPP2, and WiMAX Forum<sup>®</sup> among other standards bodies.

Since joining Motorola in 1996, Bill has directed engineering operations in cable, broadband wireless, and cellular infrastructure. Prior to joining Motorola, Bill spent 16 years at AT&T Bell Laboratories where he managed efforts in digital switching, cable networking, and photonics. He has been in the telecom equipment industry for more than 30 years.

Bill has seven patents awarded, and several pending. Bill received a BSEE from Purdue University, an MSEE from Georgia Institute of Technology, and a PhD in Electrical Engineering from Illinois Institute of Technology.



### JEAN-CLAUDE PERRIN

LTE Workgroup Chairman  
SIMalliance

Jean-Claude Perrin, is LTE Workgroup Chairman at SIMalliance. The

Workgroup has published a white paper and a recommendation on what the UICC profile in LTE should look like. Both documents can be downloaded from [www.simalliance.org](http://www.simalliance.org).

Jean-Claude is also Vice President LTE at Gemalto Telecom. His role is to define and implement the strategy and major changes in the Company product, solution & service offerings linked the LTE mobile broadband disruption.

During his 20 year career with the Smart/SIM Card Solution Industry, Jean-Claude held several International Marketing, Sales and Business Unit Management Positions, always working on leading edge subjects.

Jean-Claude has a Master degree in Business Administration (IAE Paris - Sorbonne) and graduated from the Ecole Centrale de Lyon.



### CONSTANTINE POLYCHRONOPOULOS

CTO  
Byte Mobile

Dr. Constantine Polychronopoulos' research in multithreading computer architectures and wireless network performance optimization at the University of Illinois at Urbana-Champaign (UIUC) formed the core of Bytemobile technology. He founded the company in 2000 to pursue a vision of the Mobile Internet and recruited a few of his graduate students, including Chris Koopmans and Nicholas Stavrakos, today vice president, Product

Development and chief architect, respectively, at Bytemobile. As a professor of Electrical and Computer Engineering at UIUC since 1986 and Director of the Center for Supercomputing Research and Development since 1995, Dr. Polychronopoulos led research efforts that have had a profound impact on both academic and commercial computing. His innovations included the Computational Network Federations, the first dynamic virtualization architecture; the Nanothreads prototype, used by Silicon Graphics and other companies; and the Parafuse-2 and Promis multilingual parallelizing compilers, which spawned nearly two decades of research and influenced compilers and run-time systems at Intel, IBM and Compaq. Dr. Polychronopoulos has chaired and served on the committees of more than 50 international conferences, served on the editorial boards of IEEE and ACM journals, and delivered more than 70 presentations by invitation at universities, conferences and industry events. He holds 10 U.S. and international patents and has published a book and over 150 papers in research journals and conference proceedings. Among other honors, he received the National Science Foundation Presidential Young Investigator Award in 1989, the 1998 Bodossaki Foundation Award in Engineering and a Fulbright Scholarship. In 1999, he was recognized as Pascal Professor by Leiden University. Dr. Polychronopoulos holds a Ph.D. from the University of Illinois, an M.S. from Vanderbilt University and a B.S. from the National University of Athens.



**LIAM QUINN**  
CTO – Business Client  
Dell Inc

I have been at Dell over 13 years, and am the Business Client CTO working for Steve Lalla.

I lead the Business Client CTO Team, with responsibility to define, develop and drive technology strategies and Architecture across both Business Client and CSMB client products.

I was the Dell inventor of the year in 2005 and 2007, and have 13 issued US patents, and 30 Pending US patents.

My background and focus is in Network silicon and systems Design – specializing in Ethernet, Token Ring and Wireless.

I sit on the Board of the Wi-Fi Alliance, and also hold the Regulatory Chair on the Wi-Fi Alliance.

I am an Associate Professor at the University of Texas and also sit on the Board of the UT Wireless Network and Communications Group.

I have published a book on Fast Ethernet by John Wiley & Sons, with copies translated to Chinese and Russian.



**PHIL REDMAN**  
Vice President  
Gartner

Bio: Mr. Redman brings almost 15 years of experience in the wireless mobile and telecommunications industry working with both developers and innovators of the latest mobile technologies and those aiming to use mobile and wireless technology strategically in their businesses. Mr. Redman has advised most of the Fortune 500 including senior CIOs and Chief Executives and speaks in front of thousands every year at many global events.

Prior to joining Gartner, Mr. Redman spent five years at the Boston based Yankee Group where he was the Associate Director of Yankee Group's Wireless/Mobile Communications practice. He is also a technical advisor for much of the national and trade media, appearing in print publications, radio and television. He received a bachelor's degree in communications from Temple University and a Master's in business and communications from Boston University.

About Gartner, Inc.

We are the world's leading provider of research and analysis about the global information technology industry. We provide data, advice and opinions to 45,000 clients worldwide representing 9,000 distinct organizations, deliver 2,000 consulting engagements a year, and hold more than 50 annual events that draw in excess of 31,000 attendees. Our clients include chief information officers and other senior IT executives in corporations and government agencies, as well as technology companies and the investment community. We help clients, one at a time, solve problems and make better decisions.



**RON RIORDAN**  
EVP  
Cellcom

Rob Riordan, executive vice president and director of corporate development for Nsight, is a dynamic speaker and lively commentator on emerging technologies in the telecommunications world. In his role he looks six months to six years ahead of where the company is today.

When Rob is not working on mergers, acquiring new markets and spectrum or interfacing with investment bankers, he spends much time researching potential technologies and their role at Nsight. Through his studies of Mobile IP, for example, Nsight became the first company in the US to provide the service.

This knowledge combined with his 30 years of telecom experience allows Rob to speak on a number of subjects. As a Competent Toastmaster, he has traveled the globe through speaking engagements during the last ten years. Past topics include Wireless: Friend or Foe, Wireless Internet Futures, and National Issues from a Small Company Perspective. In addition to various state telecommunications meetings, Rob has spoken on behalf of the Wireless Communications Association, Broadband Wireless Forum, OPASTCO, Telecoms and IT Brand Building and Development Forum in London, UK the Broadband Fixed Wireless Access World Congress in Rome, Italy, Femtocells Asia and Femtocells World Summit just to name a few.

His community involvement includes currently serving as president of the board of directors for the historical Meyer Theatre, on the board of directors for the New North, is an active member of the marketing committee for the Green Bay chapter of the Wisconsin Family Business Forum and has served as chairman for the City of Green Bay Chamber of Commerce board of directors. In addition to being past Chairman of OPASTCO, he has served on and chaired industry committees for USTA, WSTA, CTIA, RCA and WCA.

Rob has four children and two grandchildren and lives in Green Bay with his wife, Cathy. He is a graduate of the University of Wisconsin - Platteville.



**MIKE ROBERTS**  
Principal Analyst & Head of Americas  
Informa Telecoms & Media

Mike Roberts is Principal Analyst and Head of Americas at Informa Telecoms & Media with a focus on operator strategy in North and Latin America and global mobile network technology including mobile broadband, LTE and femtocells. Mike is based in the US and manages Informa's research teams in North and Latin America. His work appears in the Americas and other sections of Informa's Intelligence Centres, World Cellular Information Service (WCIS) and World Broadband Information Service (WBIS). His recent research includes contributions to a series of reports on major US operators, and to the global reports Future Mobile Broadband: HSPA & EV-DO to LTE Networks, Devices & Services; and Future Mobile Networks: Operator Transformation Strategies, Systems & Drivers. Mike was previously based in London, UK and has been tracking the global mobile, wireless and fixed markets for more than a decade. He regularly presents to clients and at key industry events, judges industry awards and provides expert commentary to the press on mobile operators, vendors and technology.



**SUE RUDD**  
Director  
Strategy Analytics

Sue Rudd, Director of the Strategy Analytics Tariff & Revenue Analytics (TRS) service, is responsible for developing country and service provider financial models of fixed and mobile broadband demand responses to changes in tariffs, brand and 'bundling' within the Global Wireless Practice. Sue brings over 20 years of wireless, telephony and Internet services experience to Strategy Analytics.

At Converse Technologies, she was responsible for developing business cases for service providers for converged fixed and mobile IP services, mobile Multimedia Messaging (MMS), Managed IP Centrex services and VoIP over 3G, as well as modeling mobile operator service growth by country for Latin America. At Motorola, Ms. Rudd coordinated a wireless data and messaging services group, directed projects for PCS network management and Intelligent Network partnerships, and advised on service business investments and acquisitions.

Sue Rudd has consulted to multiple PCS and Wireless operators, as well as regulated Incumbent US Telcos on PUC Rate Cases. Her work included extensive modeling and short- and long-term price elasticity analysis, along with regulatory filings and testimony preparation.

Sue has a BA and MA in Economics from the University of Cambridge, England, as well as an MBA in Operations Management from the Wharton School at University of Pennsylvania. She has completed PhD coursework at MIT's Sloan School.



## MATTEO SABATTINI

Sisvel

Matteo Sabattini holds a Ph.D. from the University of California, San Diego, in Electrical Engineering, Communications Theory and Systems, and a Laurea degree (with honors) from the University of Bologna, also in Electrical Engineering. His research interests focus on UWB physical layer, CDMA technology, OFDM and MIMO systems. He also held a research position with the German Aerospace Center, where he focused on MAC protocols for satellite communications.

At Sisvel, he has been involved in licensing and technical assessments for CDMA2000, LTE, UWB. In addition, he has been actively participating in business development. Before joining Sisvel in 2009, he was with Global Prior Art, a consulting firm based in Boston, specializing in intellectual property analysis and research, prior-art searching, patent landscaping and portfolio assessment. While at Global, he co-led the Communications Group, focusing on wireless technologies. Dr. Sabattini is an IEEE member.



## JOERG SCHUELER

Director

Actix SON Center of Excellence

Joerg Schueler has responsibility for the products and technologies that keep Actix on the leading edge for SON technologies. He joined Actix, in 2005, as the product manager for Automatic Optimization solutions after spending 6 years as a research assistant at TUD on various projects with Lucent Technologies, Ericsson and Vodafone D2. Joerg has a Masters in Telecommunication from Dresden University of Technology (TUD), Germany. His main interests relate to the impact of 4G on mobile network operations and the change of the mobile industry in the next couple of years.



## ROLAND SHAW

Director of Strategy  
Ericsson

Rowland Shaw currently serves as the Vice President of Strategic Development for Ericsson's North American Region. He is responsible for market intelligence, analytical assessments and market forecasting to ensure correct positioning of business and network solutions addressing both the customer and market need.

Shaw is also engaged in the development of Ericsson's Global Strategy as it relates to business transformation influenced by the need for continued growth, IP, the Internet and resulting business.

He has a diverse background of experience from a number of industries ranging from R&D in real time video DSP systems and platforms, Marketing, Sales, Business and Strategic Planning. He has a particular passion for innovation and business success through the matching of emerging needs to deployable capability across multiple industry segments.



## DONGLIN SHEN

VP Wireless Technology & Strategy  
ZTE USA

With over 25 years of experience in telecommunication industry, Mr. Shen has worked in a variety of areas in wireless field that include research and development, industry standards development, product development and product management, as well as technical marketing. He has acquired an in-depth understanding of the wireless business, technology, market and industry, specializing in technology and market research, wireless product planning and telecommunication strategy development.

In addition, Mr. Shen has extensive experience in dealing with government agencies and private companies, having worked with the United Nations, the Government of China, the Government of Canada, telecom equipment vendors and service operators in North America, Europe and China.

Mr. Shen joined ZTE in 2005, and served in several management positions, such as AGM of product management, VP for Advanced Research and Standard, VP for Wireless Technology and Strategy.



## PETER SIGGINS

Partner  
PA Consulting

Peter Siggins is a Partner in PA Consulting, a leading global management and technology firm. He leads PA's US-based team providing mobile communications consulting services to clients across many sectors including telecom. Over the past 2 years Peter and his team have focused on advising clients in financial services, healthcare and energy verticals on the development of strategies for mobile, aimed both at the consumer and within the enterprise. To do this Peter combines PA's experts in strategy and marketing, mobile technology, and industry experts to determine optimal strategies including partnerships and ecosystem development.



## MANISH SINGH

VP Product line Management  
Continuous Computing

Mr. Singh was named vice president of product line management in January 2008. Most recently he served as Continuous Computing's vice president of field engineering and formerly as vice president of engineering.

Mr. Singh is an experienced leader who brings over 15 years of experience in telecommunications product design and development. Prior to Continuous Computing, Mr. Singh held various engineering management and architect positions at Intel Corporation, Trillium Digital Systems, and C-DOT (Center for Development of Telematics). Mr. Singh holds the patent as a sole inventor of "Configurable Cache" memory system (patent number: 7133997). Apart from broad telecom domain knowledge, Mr. Singh brings specialized expertise in the wireless and VoIP telecom technology areas. In 1998, he successfully led the development of 2G MSC at C-DOT and since has led various VoIP and 3G/IMS wireless product development.

Mr. Singh has an M.S. degree in computer science from India Institute of Science, Bangalore and a B.S. degree in electronics and telecommunication from Shri G.S. Institute of Technology & Science, Indore.



## DOUG SMITH

LightSquared's Sr. VP  
LightSquared

Doug Smith will be the Senior Vice President, Engineering and Operations for LightSquared, where he will be responsible for the company's network design, deployment, and operations.

Before joining LightSquared, Doug was Senior Vice President, Engineering and Operations for Clearwire, a nationwide mobile broadband WiMAX network. There, he managed the integration of two established businesses and was responsible for the design, deployment, and operation of the Clearwire network.

Prior to that he was Senior Vice President and Chief Technical Operations Officer for Sprint Nextel. From 2005 to 2007 he served in the roles of Vice President of Strategy and Standards; Vice President of Network Engineering; and Vice President of the iDEN Quality Assurance Initiative for Sprint Nextel.

From 1999 to 2005, as Vice President of National Technical Support and then Operations for Nextel, Doug was responsible for operating Nextel's nationwide network consisting of more than 20,000 cells serving more than 20 million subscribers.

Prior to 1999, Doug held various engineering and management positions with GTE and Nextel, progressing to the position of Senior Director of Technical Services with Nextel in Boston.

Doug holds a Masters of Science in Management of Technology from the Wharton School, University of Pennsylvania; and a Bachelor of Science in Electrical Engineering from Merrimack College.



## KARIM TAGA

Managing Director  
TIME Practise

Karim Taga is Managing Director in the Vienna office of Arthur D. Little's German, Austrian and CEE operations. He specializes in telecommunications and he is a member of the TIME Telecommunications, Information Technology, Media and Electronics) practice. He is active in this industry for 15 years already. Author of the last four editions of the Global M-Payment report. His interests are primarily focused on three functional areas:

- Business strategies and marketing concepts
- Corporate Finance and business planning
- Leading the global ADL competence center of technology economics

Karim had a major responsibility and was in charge of more than 50 assignments in Strategy, Organization and Technology for: fixed and broadband operators, mobile operators, content aggregators, media players and broadcasters, suppliers as well as supported investors in corporate finance, bid management and transaction support. Karim Taga received a Master of Science in 1989 from the Ecole Supérieure de l'Énergie et des Matériaux, Orléans France with a master



**STEPHANE TERAL**  
Principal Analyst  
Infonetics Research

With more than 20 years of experience in the telecommunications industry, Stéphane is regarded as one of the top analysts in his field, having been the trusted advisor at some of the world's largest telecom providers and manufacturers. Stéphane joined Infonetics Research in January 2006, after eight years with analyst firm RHK, where he developed their European optical coverage and helped carriers migrate from PSTN to next gen networks. Prior to RHK, Stéphane was an engineer and project manager with Alcatel, where he deployed the CATV optical networks that allowed the 1992 Olympics and the grand opening of Euro Disney to be televised using fiber optics for the first time.

Stéphane now specializes in IMS, mobile infrastructure, and voice over IP and circuit-to-packet migration products, services, and adoption trends of service providers. He also tracks and forecasts service provider capex, opex, and revenue. He speaks at events worldwide, and is frequently quoted in publications, including Business Week, The Economist, Financial Times, Fortune, Le Monde, Telecommunications International, and The Wall Street Journal. He is a consultant to startups, service providers, manufacturers, and the investment community, identifying new market opportunities, providing due diligence, and advising on positioning, product development, business plans, and M&A activity.

Stéphane was a McGowan Scholar at the McLaren School of Business, University of San Francisco, where he received his MBA, and has an Engineering Diploma in Telecommunications from the Institut National des Télécommunications, France.



**MIKE THELANDER**  
Founder & CEO  
Signals Research Group

Michael Thelander is the CEO and Founder of Signals Research Group, LLC (SRG), a US-based research consultancy that offers thought-leading field research and consulting services on the wireless telecommunications industry.

Its flagship research product is a research product entitled "Signals Ahead," which has attracted a strong following across the entire wireless ecosystem with corporate subscribers on five continents. The consultancy also published the first independent study of next-generation wireless economics, which many industry followers consider to be the preeminent study of its kind.

In his current endeavor, Mr. Thelander is the lead analyst for Signals Ahead and he guides a team of industry experts that provide consulting services for the wireless industry, including some of the largest mobile operators, the top equipment OEMs, trade associations, and financial institutions.

Prior to founding SRG, Mr. Thelander was an analyst with Deutsche Bank Equity Research where he followed the wireless industry. Prior to joining Deutsche Bank, Mr. Thelander was a consultant with KPMG (now known as BearingPoint) and a communications officer

with the United States Army. Mr. Thelander has also published numerous articles for leading trade publications and engineering journals throughout his career.

He has been an invited speaker at industry conferences around the world, including Mobile World Congress, CTIA, the global series of Informa LTE summits, and 4G World. He is also frequently quoted by major news sources and industry newsletters, including The Economist, The Wall Street Journal, Business Week, The New York Times, Financial Times, Reuters, Bloomberg News, Fierce Wireless, RCR Wireless and Wireless Week.

Mr. Thelander earned a Masters of Science in Solid State Physics from North Carolina State University and a Masters of Business Administration from the University of Chicago, Graduate School of Business.



**DON TROSHYNSKI**  
Technical Director  
Acme Packet

Don Troshynski is the Director, Solutions Architecture, Worldwide Sales Engineering with Acme Packet, working with the world's largest service providers in their application of Session Border Controllers. He specializes in enhanced applications of SBC technology, including open session routing within global wireless and wireline environments. Mr. Troshynski has over 18 years of management and technical experience in the networking and telecommunications industry with companies such as Marconi Communications, FORE Systems, and SRA International. He has a BS in Electrical Engineering (Computer Engineering option) from Michigan Technological University and an MS in Computer Science from George Washington University.



**MR. MANUEL VEXLER**  
Chief Marketing Officer  
IMS NGN FORUM

Manuel Vexler is the Chief Marketing Officer for IMS and NGN at Huawei Technologies. Having been recognized as one of the Top 100 Voices of IP Communications from Internet Telephony, Vexler has established himself as a leading international expert on converged networks, NGN and IMS. As the current Chair of the Technical Working Group at the IMS/NGN Forum, an international mobile and fixed broadband services forum, he manages all technical and business development activities for the forum.

Prior to joining Huawei, Vexler was Chief Technologist Officer at CopperCom, a softswitch company, and managing partner of Integra100, a business and technology consultancy for post-merger integration. Vexler has held various management and executive positions at Cisco Systems, AMD, Newbridge (now Alcatel-Lucent) and Nortel. As co-founder of, and advisor to, high-tech start-ups and consultancies, Vexler has experience in a wide range of technologies and markets, managed non-profits, co-founded and managed three start-up companies, and has presented at more than 100 conferences worldwide.

Vexler earned a Master of Science degree in Electrical Engineering (MSEE) from the University of Iasi, a network engineering and management certificate from the University of Toronto, and an executive marketing certificate from Queen's University.



**RICHARD WANK**  
Mobility Product Manager  
Spirent Communications

Richard has 20 years of experience in telecom in Product Management, and System Engineering and Test roles. As a product manager, he was one of the founders of White Rock Networks, an optical transport company. Subsequently, he managed the Wireless network optimization product portfolio for Cerion Optimization Services. Richard recently joined Spirent as a mobility product manager to focus on wireless core testing products including Spirent's Landslide Mobile Packet Core Performance Test System.



**KEN WIRTH**  
President, 4G/LTE Wireless  
Networks  
Alcatel-Lucent

Ken Wirth leads Alcatel-Lucent's 4G/LTE Wireless Networks organization. He is responsible for the end to end LTE solution which includes systems engineering, architecture, product management, technology and development, program delivery, partnerships and customer and sales support. Prior to this appointment, Ken was the Customer Unit leader for a major U.S. Carrier. He was responsible for managing this newly created business globally for all products, solutions, applications and services from Alcatel-Lucent to the Wireless and Wireline businesses.

Previously, Ken was President of the Lucent's Multimedia Network Solutions organization since January 2005, where he had responsibility for the financial and business performance, strategy, product marketing, product management, technology and development across the access, data and optical networking segments. Prior to that, he was President of Lucent's Optical Networking Group. Ken has held various management, marketing and sales assignments at AT&T and Lucent, including an assignment as Chief Financial Officer for AT&T Network Systems' Access Products Group. Ken joined AT&T in 1987 after launching his career with ITT Communication Services Group, where he was responsible for sales of telecom services to corporate accounts in the northeastern and southern regions of the United States.

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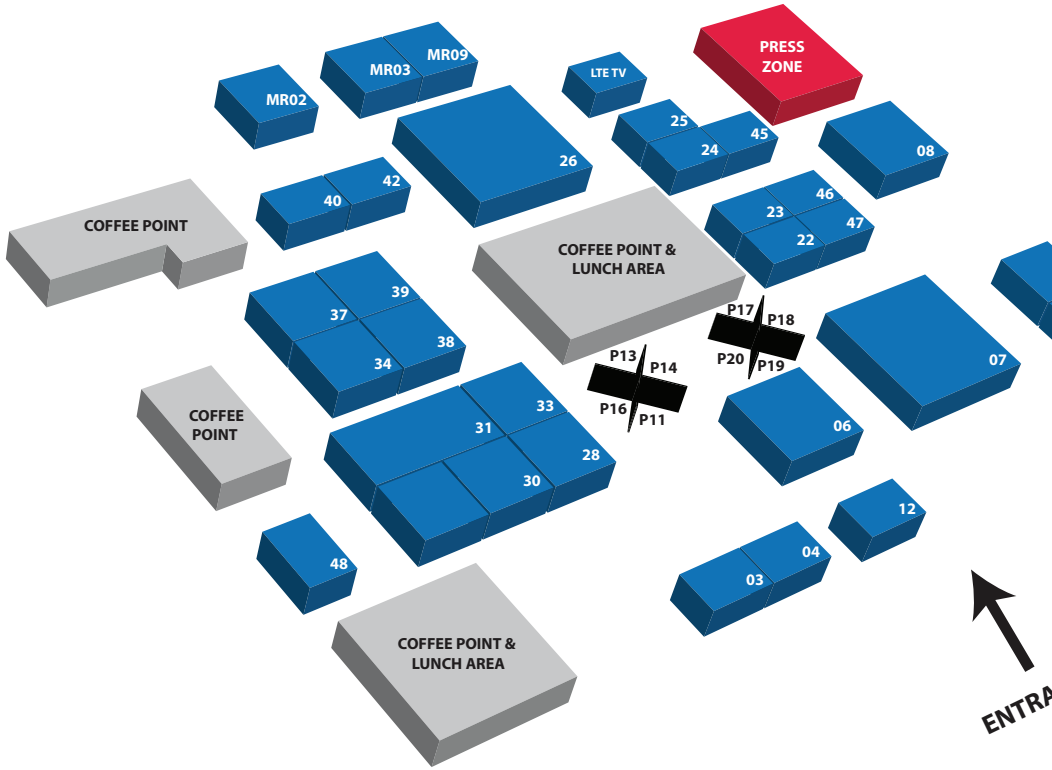


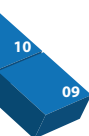
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STAND NO 40

Acme Packet, the leader in session border control solutions, enables the delivery of trusted, first-class interactive communications—voice, video and multimedia sessions—and data services across IP network borders. The Net-Net family of session border controllers, multiservice security gateways and session routing proxies supports multiple applications for fixed, mobile and cable service providers—including femtocells, fixed-mobile convergence, VoLTE, RCS, and IP interconnects. Acme Packet products satisfy critical security, service assurance and regulatory requirements and deliver many IMS functional elements. Over 10,000 Acme Packet systems have been deployed by more than 1,000 customers in over 105 countries. For more information visit [www.acmepacket.com](http://www.acmepacket.com)



EXHIBITOR

STAND NO 42

Actix is a leader in Mobile Network Analytics with more than 230 operator customers, including 25 of the top 30 operators worldwide. Founded in 1992, today Actix has major offices in the UK, US, Malaysia, Germany, Japan, Brazil & China. In 1997, Actix invented the world's first multi-vendor post-processing tool, Analyzer, today a de facto global standard. In 2007, Actix invented a new category of software for automating Mobile Network Analytics, the Optimization Platform. Today, our ActixOne Optimization Platform is already deployed by leading operators in the Americas, Europe and Asia-Pacific as operators face a wave of new challenges brought about by a massive uptake of the Mobile Internet.



EXHIBITOR

STAND NO 10

Aeroflex Incorporated is a multi-faceted high technology company that designs, develops, manufactures and markets a diverse range of microelectronic and test and measurement products. Our products are in worldwide use, supporting communication systems, networks and automatic test systems. The Aeroflex 7100 Digital Radio Test Set provides all the tools required during the design, development and test stages of UE chip sets and terminals meeting the new Rel-8 standards. The Aeroflex TM500 Test Mobile is the ideal tool for infrastructure equipment developers to test evolving 3G mobile communications networks. The TM500 is also the industry standard test system for 3GPP LTE infrastructure development, test and demonstrations.



## Agilent Technologies

EXHIBITOR

STAND NO 24

Agilent Technologies Inc. (NYSE: A) is the world's premier measurement company. We provide the industry's broadest portfolio of innovative design and test solutions, services and support that span the entire technology lifecycle - from R&D, conformance, certification, manufacturing, through network deployment. We provide reduced design uncertainty, faster and easier development of high-performing LTE products and help you find root causes faster. More information can be found at [www.agilent.com/find/LTE](http://www.agilent.com/find/LTE)



MEETING ROOM 02

AIRCOM is an independent provider of network management tools and services. We specialise in the end-to-end planning, optimisation and ongoing development of IP and cellular networks. The market leader in the provision and deployment of network engineering tools, AIRCOM products are in use across 135+ countries by over half the world's mobile operators. Every day, the 20 top global operators depend upon AIRCOM's tools and consultants to improve network coverage and quality for more than 1.1 billion subscribers worldwide. Established for 15 years, we have built our reputation on creating and releasing additional value from within cellular networks.

## Alcatel-Lucent

PLATINUM SPONSOR

STAND NO 8

Alcatel-Lucent is the trusted transformation partner of service providers, enterprises, strategic industries such as defense, energy, healthcare, transportation, and governments worldwide, providing solutions to deliver voice, data and video communication services to end-users. A leader in fixed, mobile and converged broadband networking, IP and optics technologies, applications and services, Alcatel-Lucent leverages the unrivaled technical and scientific expertise of Bell Labs, one of the largest innovation powerhouses in the communications industry. With operations in more than 130 countries and the most experienced global services organization in the industry, Alcatel-Lucent is a local partner with a global reach. Alcatel-Lucent achieved revenues of Euro 15.2 billion in 2009 and is incorporated in France, with executive offices located in Paris.

**Here's what past event attendees had to say:**

*"You leave a conference like this with new insights, with new perspectives and go ahead and lead in your respective area"*



TM, CTO, VERIZON WIRELESS

*"I think this conference has been very good... there has been some very interesting perspectives and some very good networking"*



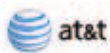
EG, VP Technology Planning, Cricket Communications

*"Good opportunities for a reality check, and verifying that whatever conclusions you came up with in your corner of the World are actually pretty well shared within the cognoscenti community"*



PP, Bell Mobility

*"The conference was a good opportunity to get educated in new areas that we don't always focus on"*



MW, MTS, AT&T

*"The calibre of attendees has been extremely high; we've been very pleased with the operators we've been able to meet and we're definitely connecting at very high levels within these organisations and we're able to really move our business objectives forward so we're very pleased - it's a great place to meet and do business"*



Steve Shaw, President, VoLGA Forum



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**MEETING ROOM NO 09**

Altair Semiconductor is the world's leading developer of ultra-low power, small footprint and high performance 4G chips for LTE. The company's chipsets are the most mature solutions in the market, offering device manufacturers integrating LTE into their products with a power-optimized, robust and cost-effective solution.

Altair's comprehensive 4G chipset portfolio includes baseband processors, multi-band RF transceivers for both FDD and TDD bands, and a range of reference hardware and product level protocol stack software. Based on a novel, proprietary Software Defined Radio (SDR), codenamed O<sup>2</sup>P™, Altair's 4G chips are the smallest and most power optimized in the industry, offering an unmatched combination of flexibility and performance.

We are a dynamic, growing company enabling the next level of broadband wireless value for consumers. Altair products are sold to original equipment manufacturers (OEM) and original equipment manufacturers (ODM). These products enter the market by sale in conjunction with a wireless telecom service.



**EXHIBITOR**

**STAND NO 34**

Andrew Solutions designs, manufactures, and delivers innovative equipment and solutions for the global wireless infrastructure market. Andrew supports the entire radio frequency (RF) footprint with transmission line systems, antennas, base station subsystems, in-building distributed wireless systems, cabinets, and network solution products and services. Andrew is a subsidiary of CommScope Inc., a global leader in infrastructure solutions for communications networks. CommScope, Inc. (NYSE: CTV; www.commscope.com) provides essential infrastructure that makes communication possible. We empower people to connect and communicate seamlessly where, when, and how they choose. Our solutions and services for wired and wireless networks enable high-bandwidth data, video, and voice applications everywhere—at home, at work, and on the go. Through every wave of technology, CommScope helps the world connect and evolve. Backed by numerous respected brands such as Andrew®, SYSTIMAX® and Uniprise®, CommScope supports customers in more than 100 countries around the world through its focus on integrity, ethics, quality and technical innovation.



**EXHIBITOR**

**STAND NO 9**

A global leader in innovative communications test and measurement solutions for more than 110 years, Anritsu provides solutions for wired and wireless communication systems and operators. Anritsu's diverse products include optical, RF/microwave, wireless, and high-speed digital instruments as well as network monitoring and management products, filling market needs for R&D, manufacturing, installation, and maintenance test. A contributing member to 3GPP, NGMN, GCF and PTCRB, Anritsu is at the forefront of mobile technology development. Anritsu

provides Chipset and Mobile Device manufacturers with the most comprehensive set of tools for development from physical layer to layer 3 protocols, including W-CDMA/HSPA, CDMA2K, and emerging technologies such as HSPA Evolution and LTE.



**EXHIBITOR**

**POD NO 11**

Aricent is a global innovation, technology and services company focused exclusively on communications. A strategic supplier to the world's foremost infrastructure, application and service providers, Aricent combines the leading innovation capabilities of frog design with unparalleled domain expertise in communications to co-create, along with its customers, the world's most innovative communications products and services. Aricent is a recognized world leader in innovation and telecom R&D services. With operations across 19 countries worldwide, we help our customers to solve the most complex communication challenges. For more information visit [www.aricent.com](http://www.aricent.com)



**EXHIBITOR**

**STAND NO 28**

AnyDATA Corporation is a global leader in the design and manufacture of wireless communications devices, including real-time tracking devices, modems, smartphones, and LBS tracking solutions. AnyDATA products have been certified by over 56 carriers in 43 countries. AnyDATA recently earned three CTIA first place awards for product innovation and was named a Fierce 15 company for its creative wireless solutions.

New products from AnyDATA include Windows Mobile smartphones with touchscreen, LTE/3G/2G modules, and LTE/3G/2G USB modems. For more information, visit: <http://www.anydata.com> or visit our booth at the LTE North America conference.



**EXHIBITOR**

**STAND NO 38**

Ascom Network Testing leads the world in helping wireless operators measure, analyze, and optimize their mobile networks. Ascom Network Testing offers a complete portfolio of TEMS™ solutions for air interface testing, benchmarking, monitoring, and radio network analysis. These state-of-the-art offerings facilitate deployment, optimization, and maintenance of mobile telecommunications networks. We are the industry leaders, and our products are supplied to the world's top wireless operators, equipment vendors, and services companies. On the LTE arena, the TEMS Portfolio demonstrates its technological leadership through the early development and commercialization of the TEMS LTE solutions, and is being used by operators as they deploy this new technology. For more information, visit us at [www.ascom.com/tems](http://www.ascom.com/tems)



EXHIBITOR

STAND NO 46

ATIS, the Alliance for Telecommunications Industry Solutions, is the leading technical planning and standards development organization committed to the rapid development of global, market-driven standards for the information, entertainment and communications industry. More than 250 companies actively formulate standards in ATIS' eighteen Committees, covering issues including: IPTV, Service Oriented Networks, Energy Efficiency, IP-Based and Wireless Technologies, Quality of Service, Billing and Operational Support. In addition, numerous Incubators, Focus and Exploratory Groups address emerging industry priorities including "Green", IP Downloadable Security, Next Generation Carrier Interconnect, IPv6 and Convergence.

ATIS is the North American Organizational Partner for the 3rd Generation Partnership Project (3GPP), a member and major U.S. contributor to the International Telecommunication Union (ITU) Radio and Telecommunications' Sectors, and a member of the Inter-American Telecommunication Commission (CITEL). For more information, please visit [www.atis.org](http://www.atis.org)



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Bytemobile's Unison™ Mobile Internet Platform enables wireless operators to meet explosive consumer demand for mobile video and web content. The company's solutions dramatically improve bandwidth efficiency and reduce infrastructure costs throughout the network. Specific product capabilities include intelligent traffic management and analytics, policy enforcement, web and multimedia optimization, content adaptation for mobile handsets, advertising and content delivery, and content filtering for parental controls. The company also provides systems integration and deployment services to support its Unison software platform. Bytemobile solutions are installed in the IP core data path of the wireless network and the data center. Bytemobile's historical network deployments span 120 operators in 58 countries, serving nearly two billion subscribers, and include eight of the world's 10 largest tier-one carriers. Customers include AT&T, China Mobile, China Telecom, KDDI, KPN, Mobilkom Austria, O2, Orange, Orascom, Sprint Nextel, T-Mobile, Telecom Italia Mobile, Telefónica, TeliaSonera, Vodafone, and Zain. Bytemobile is a privately held company with regional sales and support offices in Wokingham, U.K.; Belfast, N.I., U.K.; Dubai, U.A.E.; Beijing, China; Singapore; and research and development centers in Santa Clara, California; Beijing, China; Patras, Greece; and Champaign, Illinois. The company is committed to helping its customers and partners deliver green mobile internet services in a sustainable network environment. To learn more, visit [www.bytemobile.com](http://www.bytemobile.com)




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**POD 19**

Continuous Computing is the global source of integrated platform solutions that enable network equipment providers to overcome the mobile broadband capacity challenge quickly and cost effectively. Leveraging more than 20 years of telecom innovation, the company empowers customers to increase Return on Investment (ROI) by focusing internal resources on differentiation for 3G, Long Term Evolution (LTE), Femtocell and Deep Packet Inspection (DPI) applications. Expertise and responsiveness set the company apart: only Continuous Computing combines best-in-class AdvancedTCA (ATCA) platforms with world-famous Trillium® protocol software to create highly-optimized, field-proven wireless and packet processing products. [www.ccpu.com](http://www.ccpu.com)



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**MEETING ROOM 03**

DesignArt Networks is the leading supplier of highly integrated System-on-Chip (SoC) silicon solutions for the mobile RAN. DAN SoC platforms integrate all four processing layers required for the design of RAN infrastructure products, ranging from base stations, radio heads, and multi-gigabit backhaul systems, to fully integrated multi-sector macro base stations with selfbackhaul – on one SoC. DesignArt also provides a powerful development framework, including full-featured trial-ready software applications. Vendors benefit from a low-cost, yet powerful and flexible product portfolio, drastically reduced R&D and life-cycle expenses, and fast time-to-market. Operators benefit from best-of-breed, ultra-compact RAN equipment with minimal footprint and power consumption. [www.designartnetworks.com](http://www.designartnetworks.com)



**ERICSSON**

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**STAND NO 7**

Ericsson is the world's leading provider of technology and services to telecom operators. Ericsson is the leader in 2G, 3G and 4G mobile technologies, and provides support for networks with over 2 billion subscribers and has the leading position in managed services. The company's portfolio comprises mobile and fixed network infrastructure, telecom services, software, broadband and multimedia solutions for operators, enterprises and the media industry. The Sony Ericsson and ST-Ericsson joint ventures provide consumers with feature-rich personal mobile devices.

Ericsson is advancing its vision of being the "prime driver in an all-communicating world" through innovation, technology, and sustainable business solutions. Working in 175 countries, more than 80,000 employees generated revenue of SEK 206.5 billion (USD 27.1 billion) in 2009. Founded in 1876 with the headquarters in Stockholm, Sweden, Ericsson is listed on OMX NASDAQ, Stockholm and NASDAQ New York.



**DELEGATE NETWORKING TOOL SPONSOR**

**STAND NO 45**

Eden Rock Communications is pioneering new approaches to the self-optimization of advanced wireless networks that improve performance and create innovative deployment paradigms. The company's flagship Eden-NET™ solution is a self-optimization network (SON) solution that substantially increases network capacity and cell edge performance across LTE base station deployments. Through the real-time coordination of multi-node resources, Eden-NET has demonstrated benchmark performance metrics that translate to a profound economic benefit for wireless operators. Through its wireless services, Eden Rock's renowned team has experience solving real-world wireless network issues and has established partnerships with leading wireless OEMs. The company was founded in 2007 and has over 40 patents pending on the dynamic coordination of radio resource utilization.



EXHIBITOR

STAND NO 3

Forsk is a leading provider of RF planning and optimization solutions for the wireless industry. Our 200+ customers are wireless operators and equipment suppliers from 70 countries. Forsk has strategic partnerships with major players including AT&T, Vodafone, Telefonica-O2, Alcatel-Lucent and Huawei. Atoll is an open and flexible multi-technology RF platform supporting GSM/GPRS/EDGE, UMTS/HSPA, LTE, CDMA2000 1xRTT/EV-DO, TD-SCDMA, WiMAX and Microwave.



EXHIBITOR

STAND NO 4

Gemalto, the world leader in digital security, delivers on the growing demands of billions of people worldwide for mobile connectivity, identity and data protection, credit card safety, health and transportation services, e-government and national security. Gemalto supplies governments, wireless operators, banks and enterprises a wide range of secure personal devices, such as subscriber identification modules (SIM), Universal Integrated Circuit Card (UICC) in mobile phones, smart banking cards, smart card access badges, electronic passports, and USB tokens for online identity protection. To complete the solution we also provide software, systems and services to help our customers achieve their goals.

For more information please visit [www.gemalto.com](http://www.gemalto.com)



HUAWEI

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Huawei is a leader in providing next generation telecommunications networks, and now serves 45 of the world's top 50 operators, along with over one billion users worldwide. The company is committed to providing innovative and customized products, services and solutions to create long-term value and growth potential for its customers. For more information, please visit [www.huawei.com](http://www.huawei.com)



DELEGATE BAG SPONSOR

JDSU (NASDAQ: JDSU; and TSX: JDU) offers cutting-edge capabilities to measure, monitor, report and troubleshoot the quality of service, quality of customer experience and performance of the entire range of wireless and wireline telecommunications networks, including evolving technologies such as LTE, Femtocell, VoIP, IMS and IPTV. The wireless, LTE and 4G test capabilities are widely recognized in the industry,

and awards include Informa's 2010 Best Network/Device Testing Product for LTE. For more information, please visit [www.jdsu.com/nsd](http://www.jdsu.com/nsd)



SILVER SPONSOR

STAND NO 33

KMW, headquartered in South Korea (KOSDAQ) and Fullerton, CA is a global leader in innovative Radio Frequency (RF) products and solutions for the wireless communications industry. Since 1991, KMW has been a quality provider of Antennas, Amplifiers, Filters, and Component products to Service Operators and OEMs around the world. Our motto and principle "Simply Intelligent" is evident in innovative products such as our Dual Phase steerable antennas, Black Hole Filters (Triple-Mode Filter Technology), Extremely High Q Filters, Antenna Integrated RRHs, and our most recent LTE Spectrum Migration Combiner Solutions and our Galaxy Power Amplifier. Based on the solid foundation and the ability to produce innovative technology, KMW Inc. has the competitive advantage with superior Mobile Communication Technology, LED Photonic Technology, Network Technology and other future technologies to create and maximize a synergy effect. KMW Inc. will constantly offer innovative technology and relentlessly pursue perfection to maintain a strong, substantial business and move one step ahead as a world-class company.

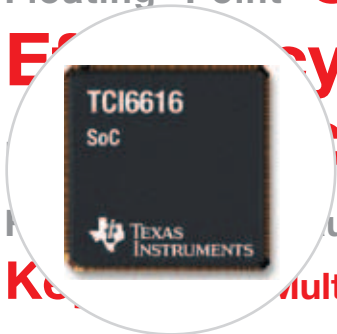


EXHIBITOR

STAND NO 22

Mentum provides industry-leading software and service solutions that allow wireless operators, equipment vendors and consultants to efficiently plan, manage and optimize wireless access as well as backhaul networks, plan coverage expansions and launch new broadband wireless networks. Its advanced software solutions, including Mentum Planet, Mentum Ellipse, Mentum Fusion, Mentum CellPlanner, Mentum LinkPlanner along with tailored Mentum Geodata, enable operators to maximize their investment, increase revenue, improve profitability and accelerate time to market. Through the company's global presence and focused business approach, it helps more than 300 customers in 95 countries define their wireless networks. Mentum is a privately held company headquartered in Paris, with offices in Dallas, Ottawa, Hong Kong, Stockholm and Tokyo. Visit [www.mentum.com](http://www.mentum.com) for more information.

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 Multimode **Spectral Efficiency** GSM **C66x** Green  
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 TD-SCDMA Backhaul Encryption Power Scheduler  
 IPSec PHY RapidIO Value **KeyStone** Multicore  
 TeraNet Small Cell **Multicore Navigator**  
 Navigator **LTE** Scalability **Macro Cell** WiMAX GSM  
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**C66x** TeraNet **Scalable** TD-SCDMA  
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EXHIBITOR

STAND NO 39

The world's largest companies recognise that in-house development & maintenance of LTE software is too expensive and too slow. mimoOn offers a market-proven, fully compliant, easily configured and economical short-cut. Our solutions for silicon vendors, OEM's and integrators deliver significant time-to-market & cost advantages. Our mi!TM family of LTE software provides complete LTE PHY & Stack solutions for mobile devices, relays, macro basestations, picocell & femtocell small cell basestations. mimoOn's products are available pre-integrated via our partnerships with Texas Instruments, CEVA Inc. and Tensilica.



MOTOROLA

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Motorola is known around the world for innovation in communications and is focused on advancing the way the world connects. From broadband communications infrastructure, enterprise mobility and public safety solutions to mobile and wireline digital communication devices that provide compelling experiences, Motorola is leading the next wave of innovations that enable people, enterprises and governments to be more connected and more mobile. Motorola (NYSE: MOT) had sales of US \$22 billion in 2009. For more information, please visit [www.motorola.com](http://www.motorola.com)



SILVER SPONSOR

NEC Corporation is one of the world's leading providers of Internet, broadband network and enterprise business solutions dedicated to meeting the specialized needs of a diversified global base of customers. NEC delivers tailored solutions in the key fields of computer, networking and electron devices, by integrating its technical strengths in IT and Networks, and by providing advanced semiconductor solutions through NEC Electronics Corporation. The NEC Group employs more than 150,000 people worldwide. [www.nec.com](http://www.nec.com)



EXHIBITOR

STAND NO 47

Newfield Wireless is a leading provider of software tools and engineering consulting services to wireless network operators globally. Newfield's TrueCall® software tool suite uses call detail records and proprietary algorithms to geolocate, map and report aggregated network data or individual user data providing a comprehensive view of the user experience. TrueCall® includes a real-time interface for applications that require immediate attention and is broadly deployed across many organizations including engineering, operations and

marketing. Newfield's consulting group provides best-in-class propagation model calibration services powered by a unique in-house software tool, TruePath®. Newfield is based in Berkeley, California. For more information: [www.newfieldwireless.com](http://www.newfieldwireless.com)



EXHIBITOR

POD NO 17

NIKSUN is the recognized worldwide leader in making the Unknown Known. The company develops and deploys a complete range of award-winning forensics, compliance, security surveillance and performance management solutions for applications ranging from core infrastructures to edge and branch environments. NIKSUN's proactive enterprise scalable solutions deliver unprecedented flexibility and real-time response. The company's patented real-time analysis and recording technology enables enterprises, service providers and governments to provide secure and reliable network infrastructure and services. NIKSUN, headquartered in Princeton, New Jersey, has sales offices in major cities throughout the US, Europe and Asia-Pacific. For more information, please visit [www.niksun.com](http://www.niksun.com)



GOLD SPONSOR

Nokia Siemens Networks is a leading global enabler of telecommunications services. With its focus on innovation and sustainability, the company provides a complete portfolio of mobile, fixed and converged network technology, as well as professional services including consultancy and systems integration, deployment, maintenance and managed services. It is one of the largest telecommunications hardware, software and professional services companies in the world. Operating in 150 countries, its headquarters are in Espoo, Finland. [www.nokiasiemensnetworks.com](http://www.nokiasiemensnetworks.com)



SILVER SPONSOR

Qualcomm Incorporated ([www.qualcomm.com](http://www.qualcomm.com)) is the world leader in next-generation mobile technologies and the world's largest manufacturer of chipsets for the wireless industry. Qualcomm innovations are enabling ultra-personal mobile devices; shaping relevant, next-generation mobile experiences; and inspiring transformative new business models and services. Dedicated to accelerating mobile growth and progress worldwide, Qualcomm is transforming the way people live, learn, work and play. Headquartered in San Diego, California, Qualcomm is included in the S&P 500 Index and is a FORTUNE 500® company traded on the NASDAQ Stock Market® under the ticker symbol QCOM.

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## 2011 Events Calendar:



(LTE is a trademark of ETSI)

17-19 May 2011  
The Rai, Amsterdam



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11-12 April 2011  
Windsor Barra Hotel, Rio de Janeiro



(LTE is a trademark of ETSI)

18-19 April 2011  
Jumeria Beach Hotel, Dubai, UAE



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6-7 September 2011  
Suntec, Singapore



(LTE is a trademark of ETSI)

8-9 November 2011  
Fairmont Dallas Hotel, Dallas, Texas, USA

## RadiSys

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RadiSys (NASDAQ: RSY) is a leading provider of innovative hardware and software platforms for next generation IP-based wireless, wireline and video networks. RadiSys products include its market leading ATCA and IP Media Server platforms as well as application software for new IP-based communications services. These products enable customers to bring more new high-value applications and services to market faster with a lower investment. RadiSys products are used in a wide variety of applications including 3G/4G/LTE wireless voice, data and video, Femtocell, VoIP and Video over IP communications and conferencing, Voice Quality Enhancement (VQE), and secure defense communications.



### EXHIBITOR

### STAND NO 48

Rohde & Schwarz is a global market leader in the fields of electronic test and measurement, broadcasting, radiomonitoring, radiolocation and wireless communications. Rohde & Schwarz was the first vendor providing LTE test equipment. The R&S<sup>®</sup>CMW 500, as the third T&M instrument generation for digital wireless communications, accompanies new products through all phases of the value added chain, from design to protocol development and production testing including RF tests in signaling mode. The R&S<sup>®</sup>TSMW universal radio network analyzer is another featured highlight, supporting LTE-FDD and TD-LTE measurements together with the R&S<sup>®</sup>ROMES4 drive test software and optional network problem analyzer.



### PLATINUM SPONSOR

### STAND NO 26

Samsung Electronics Co., Ltd. is a global leader in telecommunication, semiconductor, digital media and digital convergence technologies with 2009 consolidated sales of US\$116.8 billion. Employing approximately 188,000 people in 185 offices across 65 countries, the company consists of eight independently operated business units: Visual Display, Mobile Communications, Telecommunication Systems, Digital Appliances, IT Solutions, Digital Imaging, Semiconductor and LCD. Recognized as one of the fastest growing global brands, Samsung Electronics is a leading producer of digital TVs, memory chips, mobile phones and TFT-LCDs.  
[www.samsung.com](http://www.samsung.com)



### EXHIBITOR

### POD NO 16

At Spirent Communications we work behind the scenes to ensure real-world user satisfaction, by putting the promise of current and next-generation technologies to the test. The world's leading device and network equipment manufacturers, operators and technology providers use Spirent lab test solutions to evaluate the latest wireless technologies. Spirent is a leader in testing the performance and reliability of mobile devices, applications and networks. Spirent is showcasing its scalable solutions for RF, data and mobility performance testing of LTE devices. A partnership with AT4 wireless enables validated LTE conformance test cases to be run on the same platform. Spirent is also featuring its market-leading wireless channel emulator for MIMO performance testing.

## SIRADEL

### EXHIBITOR

### POD NO 20

Siradel provides unique radio coverage expertise for network planning. With more than 200 references worldwide (including wireless carriers, regulators, equipment vendors and universities), Siradel's solutions improve performance of any outdoor and indoor radio network (3G, LTE, WiMAX, DVB, WiFi, smart grids, GSM-R...) and then significantly reduce cost of radio infrastructure. The key products/services are composed by propagation model 'Volcano' software, Accurate 3D map data covering several thousands of cities and Radio coverage expertise. Based on more than 15 years' experience in telecom, today, Siradel's business reaches out to applications in new area. One brand new product line – series of realistic 3D cities are now unveiled.



### PLATINUM SPONSOR

### STAND NO 6

Founded in 1982 Sisvel is a world leader in managing intellectual property and maximizing the value of patent rights. The Sisvel Group is global in scope and reach, with companies in Italy, Germany, Luxembourg, the United States, China, and Japan, and with almost ninety professionals worldwide with technical, legal, and licensing expertise. Sisvel has a long history of managing successful patent portfolios including those related to the audio compression standards, known as MP3 and MPEG Audio. In addition to managing a portfolio of patents relating to the DECT standard for portable digital telephones, Sisvel administers patent pools for the CDMA2000 family of cellular telecommunications standards, the UHF-RFID air interface standard, and the DVB-T and DVB-T2 broadcast standard. Sisvel is currently facilitating the creation of a LTE patent pool.

Through its subsidiary Sisvel Technology, Sisvel is also engaged in the development of new technologies, including projects for 3D television and broadcasting.

[www.sisvel.com](http://www.sisvel.com)



EXHIBITOR

POD NO 18

SYMENA is the leading supplier of Automatic Cell Planning (ACP) for LTE. 9 out of 10 LTE OEMs are using Symena's tools for planning LTE networks. Capesso™ is the proven, fully-featured, tightly integrated ACP tool. Capesso™ delivers measurably better results faster. This is proven in extensive, daily operational use on the most prominent LTE deployments. Capesso™ is unique in providing simultaneous, multiple network optimisation. This is extremely valuable for planning LTE overlays. Greenfield™ is the verified, super fast, radio network dimensioning/design tool. Symena's ACP tools are available for all major radio standards including LTE, UMTS, CDMA, WiMAX and GSM. SYMENA. Smart Up Your Network!



BRONZE SPONSOR

Syniverse Technologies (NYSE:SVR) makes mobile work for more than 800 mobile operators, cable and Internet providers, and enterprises in over 160 countries. With unmatched expertise and more than 20 years simplifying the complexities of roaming, messaging and networking, Syniverse serves as the force at the center of the mobile communications universe, keeping people connected today and forging new connections for tomorrow. Nobody knows mobile like Syniverse. For more information, visit [www.syniverse.com](http://www.syniverse.com), follow Syniverse on Twitter or find Syniverse on Facebook.



BRONZE SPONSOR

ST-Ericsson is a world leader in development of wireless platforms and semiconductors. More than half of all mobile phones in use today are enabled by ST-Ericsson's products and technologies – bringing smarter communication, mobile entertainment, as well as benefits of access to mobile and broadband connectivity to people around the globe. ST-Ericsson is unique in its ability to deliver state-of-the-art platforms, integrating mobile multimedia and connectivity for GSM, EDGE, WCDMA, HSPA, HSPA+, TD-SCDMA and LTE. The company is a leading supplier to the top handset manufacturers, as well as to other exciting industry leaders, including mobile operators and device manufacturers.

Across the world, more and more people are using mobile broadband handsets, netbooks, laptops and tablets to stay continually connected to advanced web services. ST-Ericsson is a leading supplier of thin modems inside these devices. In the future, mobile broadband will become ubiquitous, providing high-speed connectivity to billions of people and devices. ST-Ericsson is at the forefront of the development of LTE and a major contributor to the Mobile Broadband ecosystem with one of the most advanced interoperability test program in the industry and strong partnerships with global operators and network vendors.



TRAINING EXCELLENCE

EXHIBITOR

STAND NO 30

Telecoms Academy delivers high quality, interactive training courses for the telecommunication sector. Our training programmes are delivered worldwide, and used extensively as part of the training and development plan of many large operators, vendors and service providers.

Our public portfolio of over 50 training programmes is constantly being refreshed and expanded by our team of highly accomplished telecoms training professionals.

We've designed our training portfolio to address the ongoing needs of those working in a variety of roles in the telecoms industry from new starters in a non technical role requiring an introduction to the industry to senior managers requiring management training to network planners needing in-depth engineering training.

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- School of LTE & Advanced Communications - a range of training programmes covering all aspects of LTE and associated advanced communications technologies.
- Distance Learning - Comprehensive, flexible 6month distance learning programmes

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EXHIBITOR

STAND NO 12

Tellabs innovates to deliver the mobile Internet and help our customers succeed. That's why 43 of the top 50 global communications service providers choose our mobile, optical, business and services solutions. We help them get ahead by adding revenue, reducing expenses and optimizing networks.

Tellabs (Nasdaq: TLAB) is part of the NASDAQ Global Select Market, Ocean Tomo 300™ Patent Index, the S&P 500 and several corporate responsibility indexes including the Maplecroft Climate Innovation Index, FTSE4Good and eight FTSE KLD indexes. <http://www.tellabs.com>

**EXHIBITOR****STAND NO 25**

Texas Instruments (NYSE: TXN) is a global semiconductor company that helps customers solve problems and develop new electronics that make the world smarter, healthier, safer, greener and more fun. With over one billion TI multicore devices shipped over the past 10 years, TI is a proven resource for high-performance, application-specific multicore solutions. TI simplifies the process of implementing multicore solutions by offering the tools, software, and supporting application expertise that customers need to meet power, performance and space requirements -- and win in their markets. TI's DSP and System-on-Chip (SoC) solutions for wireless infrastructure contain not only multiple, industry-leading DSP cores, but also numerous hardware accelerators and high speed antenna interfaces which integrate both ASIC and FPGA elements to provide highly efficient and optimized solutions. For more information please visit [www.ti.com/ciplatform](http://www.ti.com/ciplatform)

**EXHIBITOR****POD NO 14**

Ubidyne is leading the industry in the development of dynamic digital antenna embedded radio technology for wireless communications. Ubidyne's standards-agnostic micro-radio technology is integrated with wireless antennas and revolutionizes the economics of mobile communications. These integrated active antenna systems are compatible with current and next generation standards. They eliminate the need for coaxial feeder cables, remote electrical tilt and additional amplifiers on antenna towers and masts. Ubidyne's technology significantly reduces energy consumption while improving radio performance, deployment flexibility, coverage and capacity of mobile communications networks globally. Ubidyne has filed more than fifty patents in the US, China and Europe related to the company's Antenna Embedded Radio technology. Visit [www.ubidyne.com](http://www.ubidyne.com) for more information.

**EXHIBITOR****STAND NO 23**

Xceed Technologies, a global provider of wireless network optimization software solutions providing highly innovative web and desktop based post-processing products. Xceed products have been designed with high level of automation reducing cost and enabling operators and vendors to manage the whole lifecycle of the wireless network, from deployment to operation and maintenance of a mature network. Xceed software products are used worldwide by network operators, infrastructure manufacturers, and handset vendors. Xceed products support the full range of wireless access technologies including CDMA/EVDO, iDEN, GSM/GPRS/UMTS/HSPA, WiMax, and LTE.

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ZTE is a leading global provider of telecommunications equipment and network solutions. It has the widest and most complete product range in the world – covering virtually every sector of the wireline, wireless, service and terminals markets. The company delivers innovative, custom-made products and services to over 500 operators in more than 140 countries, helping them to achieve continued revenue growth and to shape the future of the world's communications. ZTE's 2009 revenue was over USD 8,820.7 million, attaining the fastest growth in the industry with a 36.08% revenue increase. ZTE commits around 10% of its annual turnover to research and development and takes a leading role in a wide range of international bodies developing emerging telecoms standards. A company with sound corporate social responsibility (CSR) initiatives, ZTE is a member of the UN Global Compact that strictly adheres to the Ten Principles of the Global Compact in developing and carrying out CSR programs. ZTE is China's only listed telecom manufacturer, with shares publicly traded on both the Hong Kong and Shenzhen Stock Exchanges (H share stock code: 0763.HK / A share stock code: 000063.SZ). For more information, please visit [www.zte.com.cn](http://www.zte.com.cn)