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IN THIS ISSUE

- ▶ AI-Powered Orchestration
- ▶ 5G SA & Autonomous Networks
- ▶ O-RAN for Indoor Connectivity
- ▶ IoT Connectivity Design
- ▶ Multi-Modal Mobile Satellite
- ▶ 6G & Next-Gen Wireless Trends
- ▶ 5G, 6G & Mobile Messaging
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- ▶ Pervasive Roaming Intelligence
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PIPELINE / VOLUME 22 / ISSUE 4

PL

Unified Orchestration for
ENTERPRISE AI
WITH: **ORACLE**

Accelerating
AUTONOMOUS NETWORKS
WITH: **ERICSSON** 

O-RAN & DAS
Transforming
Indoor Connectivity
WITH: **SOLiD**



6G
& WIRELESS
TRENDS

RF COVERAGE
FOR NEXT-GEN IoT

PERVASIVE MOBILE
CONNECTIVITY

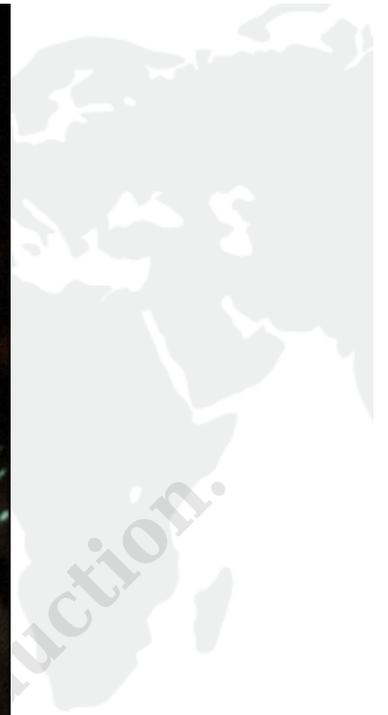
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AOK Bayern Deploys NiCE CXone

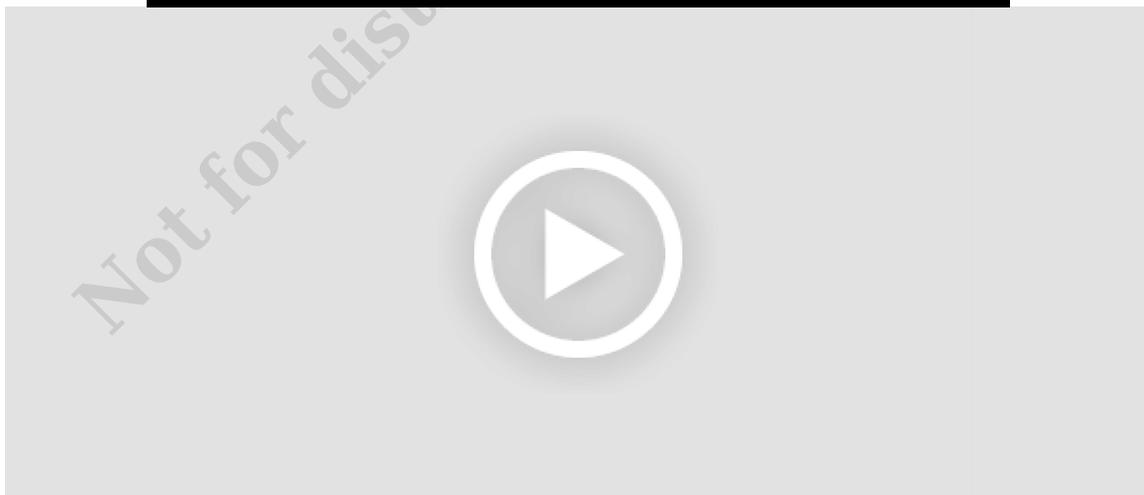
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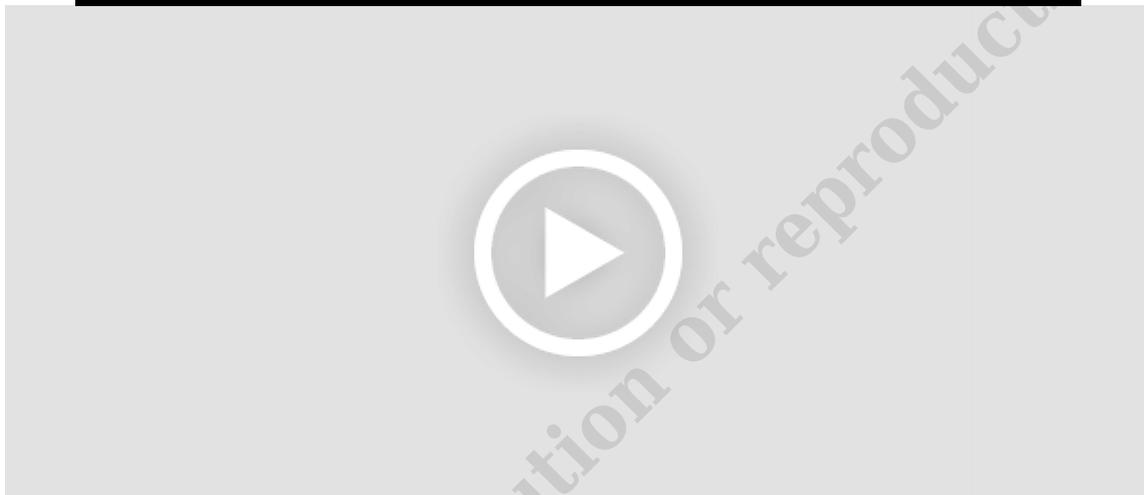
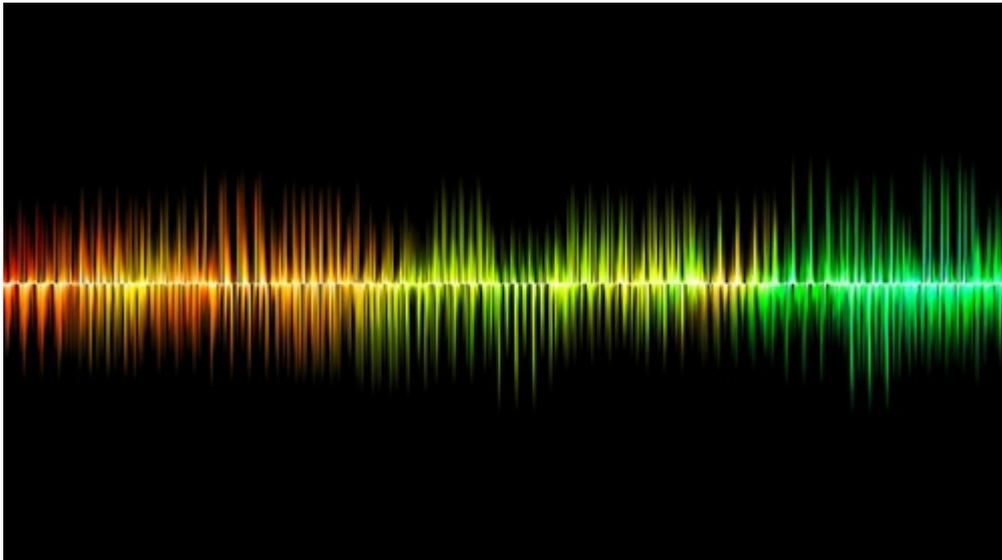
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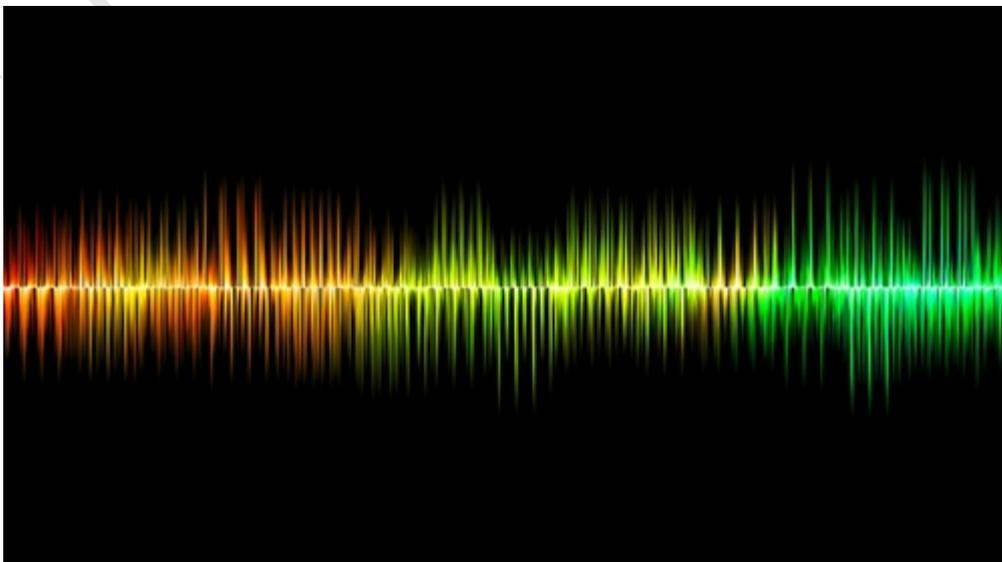
End-to-End Solutions for Broadband Networks

In case you missed Lindsay Broadband - a division of Technetix group at the SCTE Cable-Tec Expo, this video highlights the must-have, end-to-end solutions for your network.



Predicting Colonial Pipeline: Mitigating Risk and Compliance

Mitigating risk and compliance for lawful intercept using lawful intelligence is explored in this Pipeline article feature SS8. Learn how CSPs can comply with lawful intercept regulation, while empowering law information with critical, real-time data.





Podcast: The Evolution to 6G

The world's eyes are already looking forward to the potential of 6G. Demands resulting from innovative use cases, for instance specific requirements from different industries and other user groups, as well as overarching goals like sustainability, are driving the standardization and development of mobile technologies.

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The Impact of Transformation

*A Dynamic Panel Discussion Featuring
The Industry's Top Thought Leaders*



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The Network Transformation Imperative

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Agile Architecture for Digital Innovation

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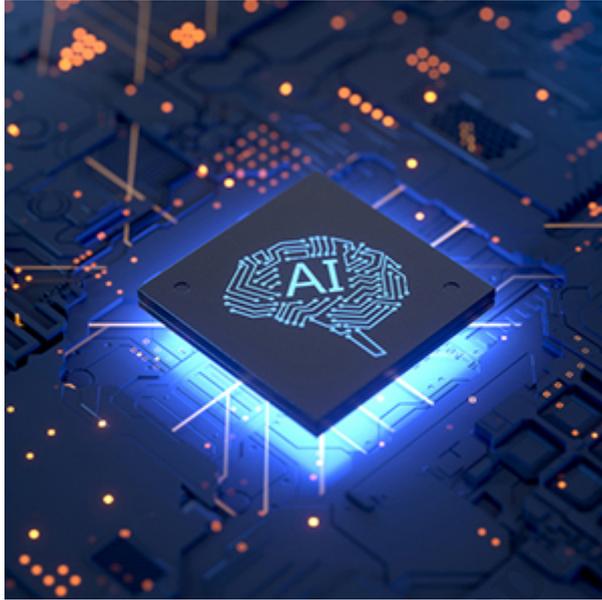
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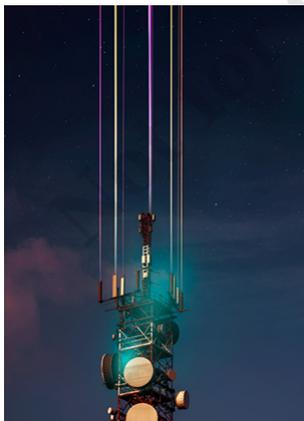
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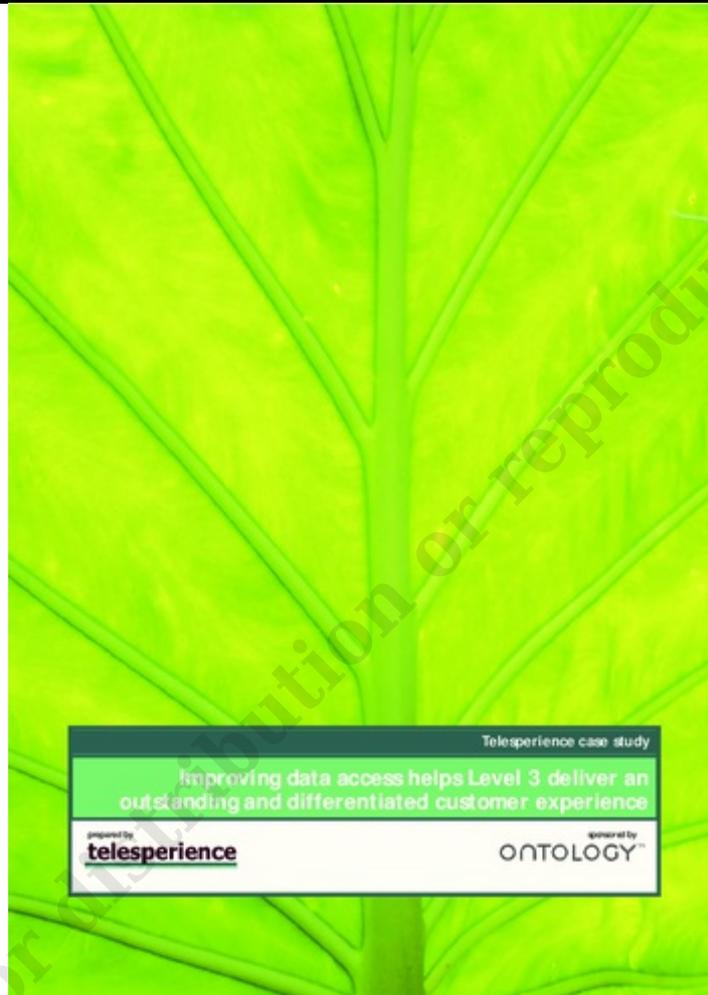
Letter from Editor



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Introducing our New State-of-the-Art Geographic Platform

One of the ultimate goals of Broadband providers is to bring fast, reliable service to their customers, who are often located in rural parts of the country. Connecting unserved or under-served communities through broadband technology improves their way of life and closes the digital divide. But doing so can be costly and time consuming.

What if there were a way to make it all easier by streamlining each phase of your network implementation, improving decisions by using real-time data and therefore optimizing your current and future operations?

CHR Solutions is a proven industry leader with over 75 years of experience and we have found a way to expedite your builds, decrease labor costs, forecast in real-time, and increase monetization to speed up broadband access to rural America.

Geospatial Data is Not New— But the Way We Use It Sure Is.

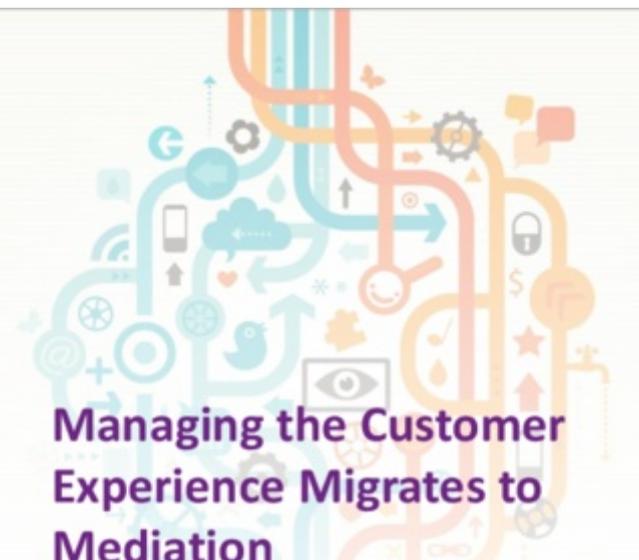
By using Geospatial data in a unique way, we provide our clients with a platform that utilizes real-time information to improve efficiencies, take the guesswork out of decisions, and ultimately increase speed to market. The platform features a customizable dashboard that enables all aspects of your business to format and display the data in a way that optimizes its use in their specific operations.

CHR's Geographic Platform

- Improves efficiencies
- Takes the guesswork out of decisions
- Increases speed to market

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Managing the Customer Experience Migrates to Mediation

Next generation communications networks are rapidly proliferating, creating an urgent need for mediation systems that address OSS-related Use Cases. At the same time, the need for CSP's to understand their subscriber's experience is increasing, regardless of the technology or network their services are delivered over. At the intersection of these two trends, mediation is being transformed into a bedrock for managing customer satisfaction and reducing churn.



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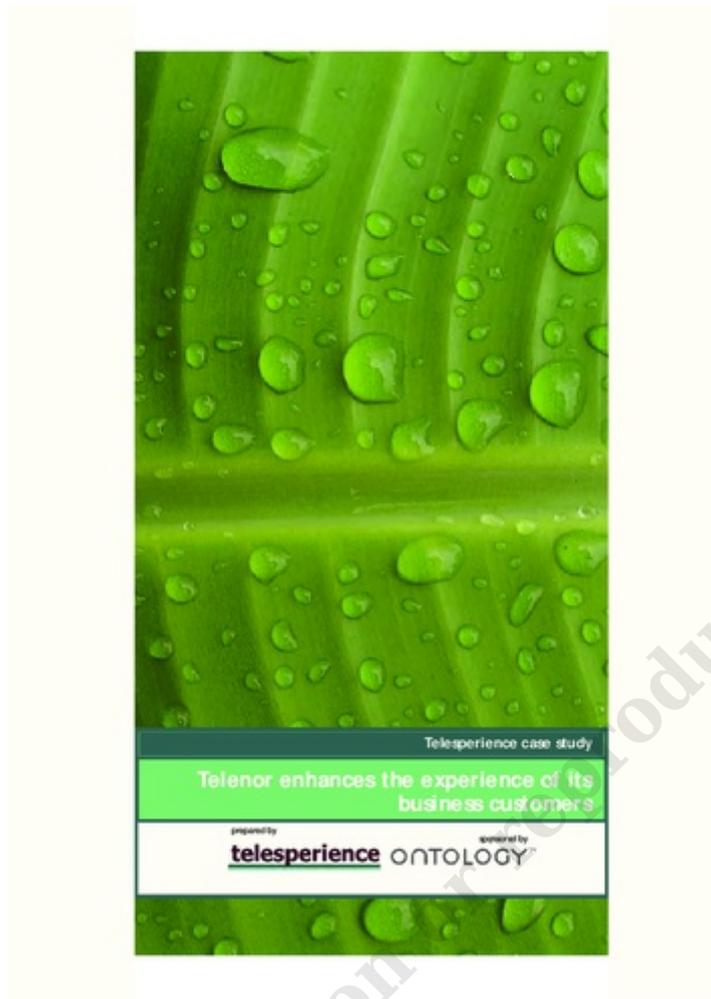
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CHR's Geographic Platform

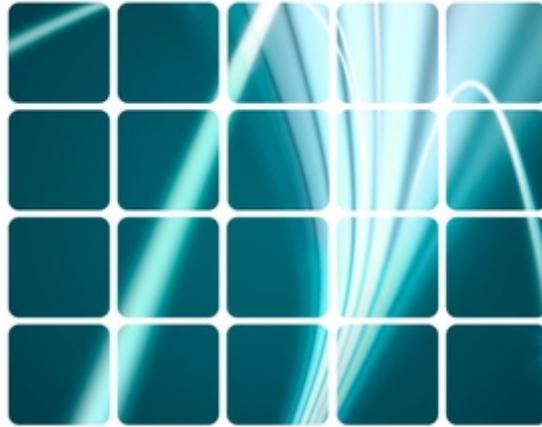
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LTE and Offline Charging:
Driving the Need for a
Lower Total Cost of Mediation

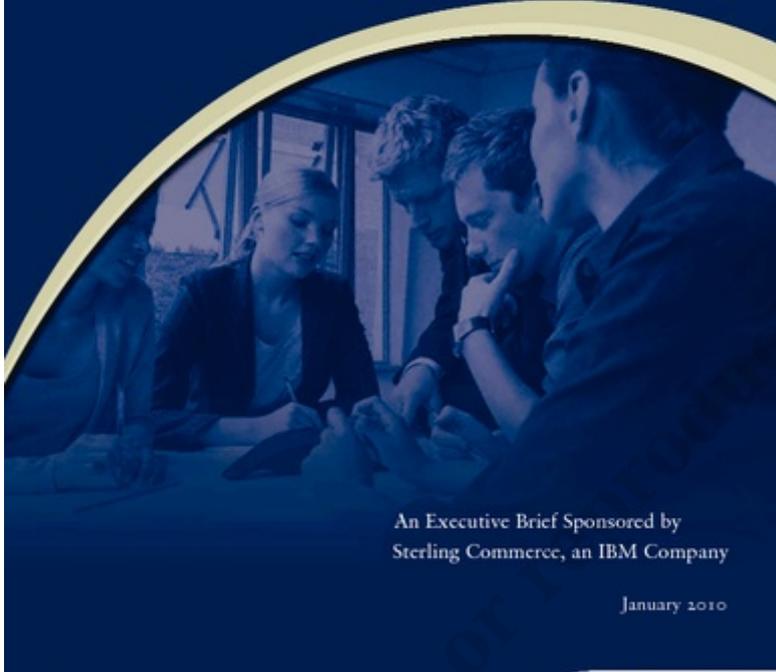
WHITEPAPER, BY ROBERT MORRISON

Reports

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CROSS-INDUSTRY 2.0 BUSINESS MODEL ENABLEMENT



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Whitepapers

**Integrating to Mediaroom: Using
Media(n) to Simplify the Experience
A White Paper**

Document Version: 1.0

Date: July, 2011

Author: Fredel Thomas, Director of Product Management



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| Wednesday November 5, 2014 | | | | |
|----------------------------|-------------------------------------|--------------|-----------|-------------|
| TIME | SESSION | SESSION TYPE | DEMO AREA | BOARD ROOMS |
| 7:00pm - 11:00pm | Speed Networking Cocktail Reception | Networking | | |

| Thursday November 6, 2014 | | | | |
|---------------------------|--|--------------|-----------|-------------|
| TIME | SESSION | SESSION TYPE | DEMO AREA | BOARD ROOMS |
| 8:00am - 9:00am | Networking Breakfast | Networking | | |
| 9:15am - 10:00am | Opening Remarks | General | Setup | Open |
| 10:00am - 10:45am | Service Provider Perspectives: Contending with Key Challenges (featuring AT&T, BT, Comcast, Level 3 and Verizon) | General | | |
| 10:45am - 11:15am | Networking Break | Networking | Open | |
| 11:25am - 12:00pm | Advanced Customer Experience Management (featuring Andocs and CT Invision) | General | | |
| 12:00pm - 12:45pm | Leveraging Big Data for Enterprise Business Intelligence (featuring Tableau and Shyp) | General | | |
| 12:45pm - 1:45pm | Topic Roundtable Luncheon | Networking | Open | |
| 2:00pm - 2:45pm | The Agile Architecture (featuring Dr. Tom Wiza, CT Invision and Talt) | General | | |
| 2:45pm - 3:30pm | Delivering Elastic Services (featuring Applixio, Comcast and TERCONE) | General | | |
| 3:30pm - 4:00pm | Networking Break | Networking | Open | |
| 4:00pm - 4:45pm | The New Networks (featuring H3io and ASB) | General | | |
| 4:45pm - 5:30pm | Transformation: Managing the Evolution to Virtual Networks (featuring CT Invision and ASB) | General | | |
| 5:30pm - 6:00pm | Pre-Dinner Break | Break | Open | |
| 6:00pm - 7:00pm | Networking Dinner | Networking | | |
| 7:00pm - 10:00pm | Evening Entertainment | Networking | | |

| Friday November 7, 2014 | | | | |
|-------------------------|---|--------------|-----------|-------------|
| TIME | SESSION | SESSION TYPE | DEMO AREA | BOARD ROOMS |
| 8:00am - 9:00am | Networking Breakfast | Networking | | |
| 9:15am - 10:15am | Market Analysis: Industry Insights (featuring Applixio, CT Invision and NPRO) | General | | Open |
| 10:25am - 11:25am | Risk Mitigation: Advanced Security Planning (featuring Level 3, NPRO and Verizon) | General | | |
| 11:25am - 12:15pm | Competitive Edge: Leveraging Content and WebRTC (featuring Applixio and Genband) | General | | |
| 12:15pm - 1:15pm | Networking Lunch | Networking | Open | |
| 1:25pm - 2:15pm | Users Den - Sessions 1 & 2 | Interactive | | |
| 2:25pm - 3:15pm | Users Den - Sessions 3 & 4 | Interactive | | |
| 3:25pm - 4:15pm | Users Den - Sessions 5 & 6 | Interactive | | |
| 4:25pm - 5:00pm | Editorial Calendar Input | Interactive | | |
| 5:25pm - 5:30pm | Closing Remarks | General | | |

*Note: Agenda is subject to change based on input from Pipeline's Industry Advisory Board (IAB), attendee feedback, and presenters. Please check for updates.

■ Included with regular admission.
 ■ ■ ■ Not included with regular admission. Additional participation required. See the How To Participate page for more information.

Sigma Systems and TiVo

Orchestrating New and Enhanced Entertainment Experiences

As consumer demands for a more personalized video entertainment experience continue to skyrocket, service providers are seeking new ways to remain competitive and seamlessly deliver over-the-top (OTT) content to subscribers. Today, Sigma Systems and TiVo have developed an integration partnership to help service providers achieve this goal by embracing and provisioning the TiVo video platform as a part of their bundled service offerings.

One Managed View of Video Access Entitlements

Critical to the success of offering a service like TiVo to customers is the ability to seamlessly enable them to access and view subscribed content from the TiVo device. Sigma Systems' provides the service orchestration for the necessary authorizations, entitlements and provisioning of the TiVo service for subscribers through a single OSS solution – an essential element to delivering both on-network and 3rd party content and entertainment services. Subscribers receive the content they want, while service providers maintain customer satisfaction.

Provision and Manage Premium Video Service Products & Packages

Delivering new entertainment experiences to subscribers doesn't have to involve an immediate and costly video network evolution. Sigma Systems empowers service providers to leverage existing video networks in order to move beyond linear for services such as digital TV, PPV, VOD and DVR/PVR through support for next-generation IP video platforms, like TiVo, on a single integrated OSS service management platform. This co-existent service fulfillment environment manages the provisioning and activation of all video services, helping service providers to launch new premium video services and bundled packages that drive new revenue and reduce customer churn. In addition to viewing premium video and entertainment services offered by TiVo, service providers can also integrate with and deliver existing video products on the TiVo set-top box.

Effectively Manage the Entire Video Delivery Chain

Sigma Systems is the only OSS vendor today that has created a TiVo solution adaptor. With this unique solution adaptor, we have extended our video service fulfillment expertise beyond linear TV by enabling the support, integration, and provisioning of the TiVo service. Our single, integrated OSS solution seamlessly provides order management, provisioning and entitlement management across all technologies and systems. This single integrated solution manages the entire value chain of the TiVo service delivery value chain for the subscriber, network, device and content from the cloud.





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NEXT GENERATION DATA CENTER STRATEGIES FOR SERVICE PROVIDERS

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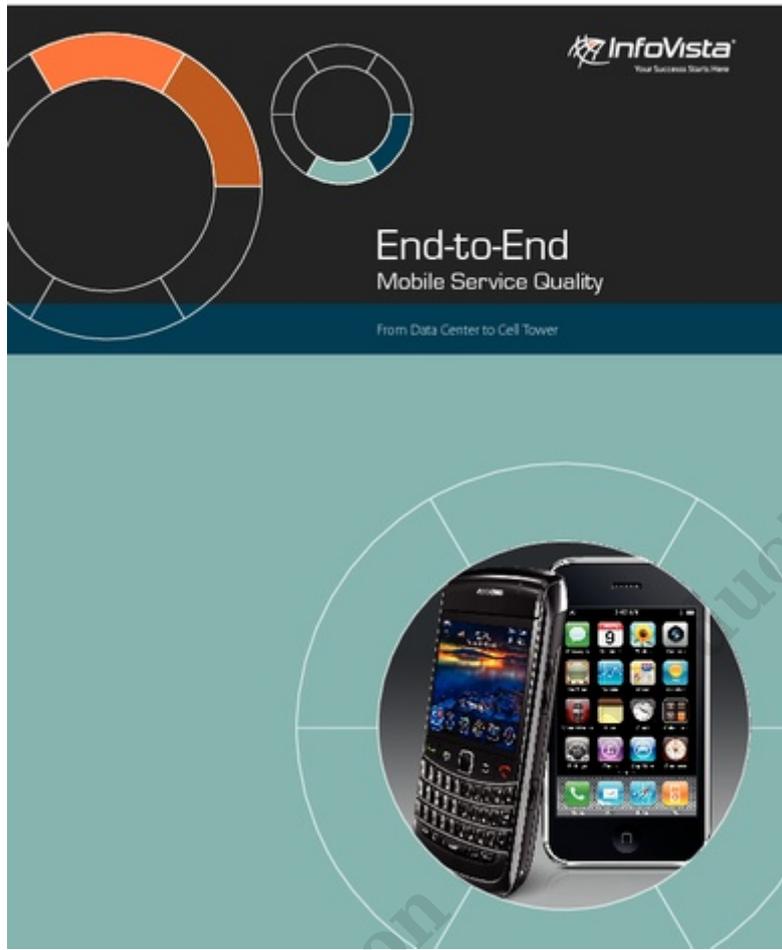


3 WAYS YOU WILL OVERPAY FOR YOUR MOBILE WORKFORCE MANAGEMENT SOLUTION AND 3 STRATEGIES TO AVOID IT





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THE LOW-LATENCY SERVICES MARKET:

Evaluating the Emerging Market Opportunity for Service Providers and Telecom Carriers

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Weathering the Wireless Tsunami
**How MNOs Can Reach
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