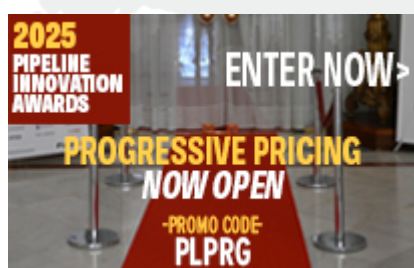


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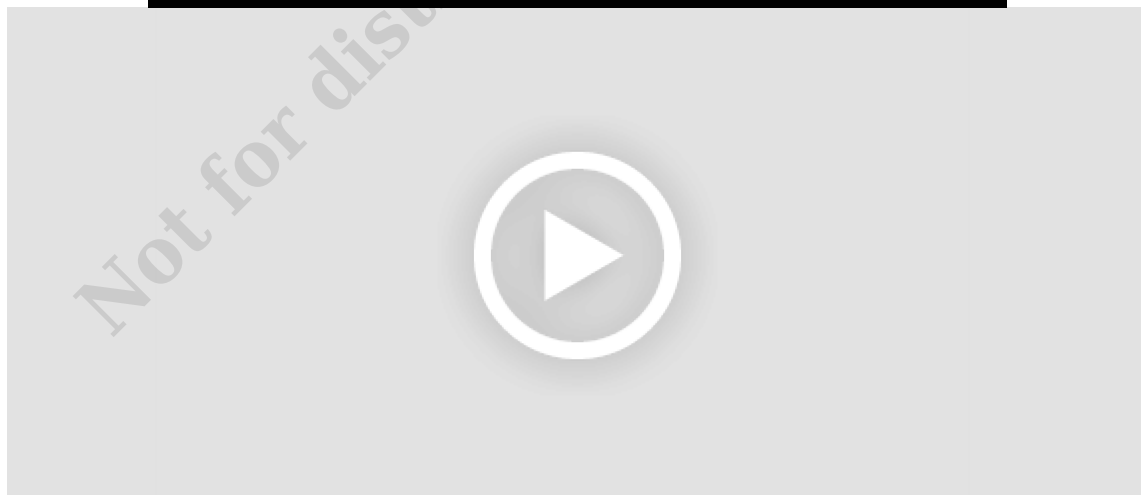
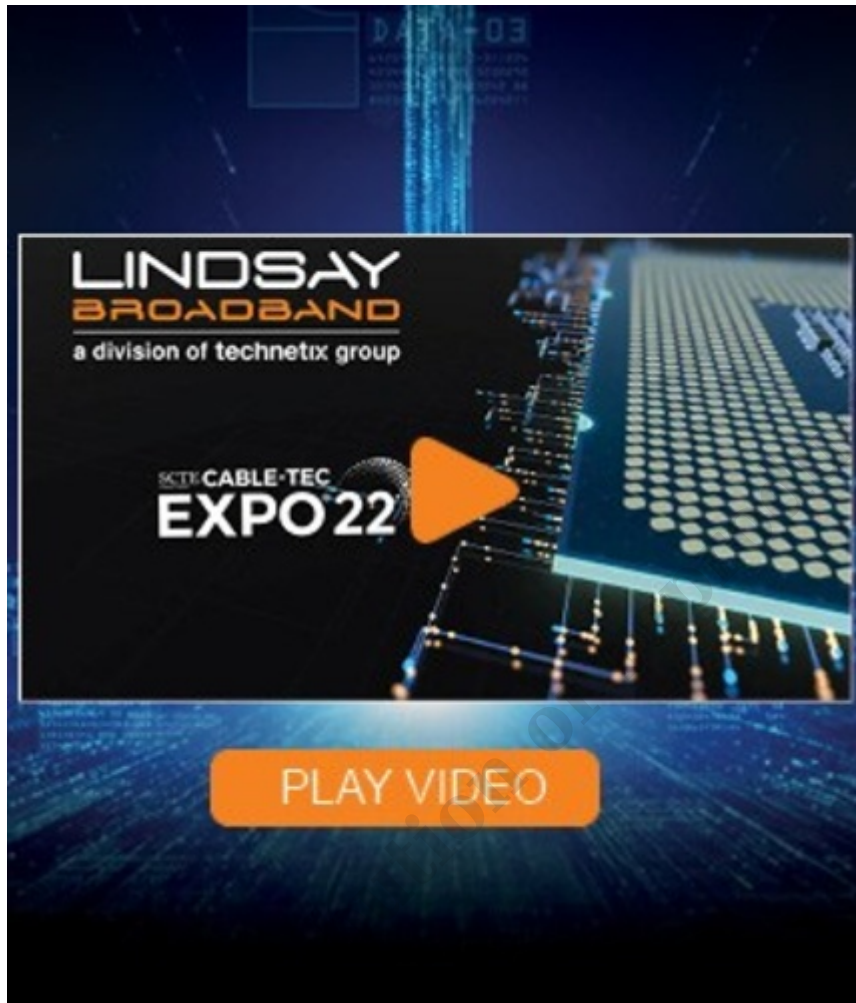
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End-to-End Solutions for Broadband Networks

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
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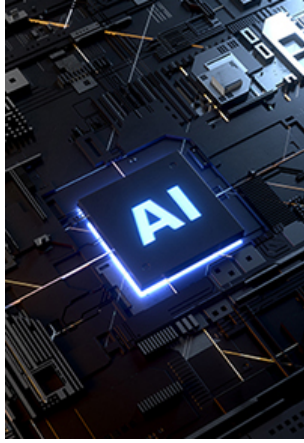
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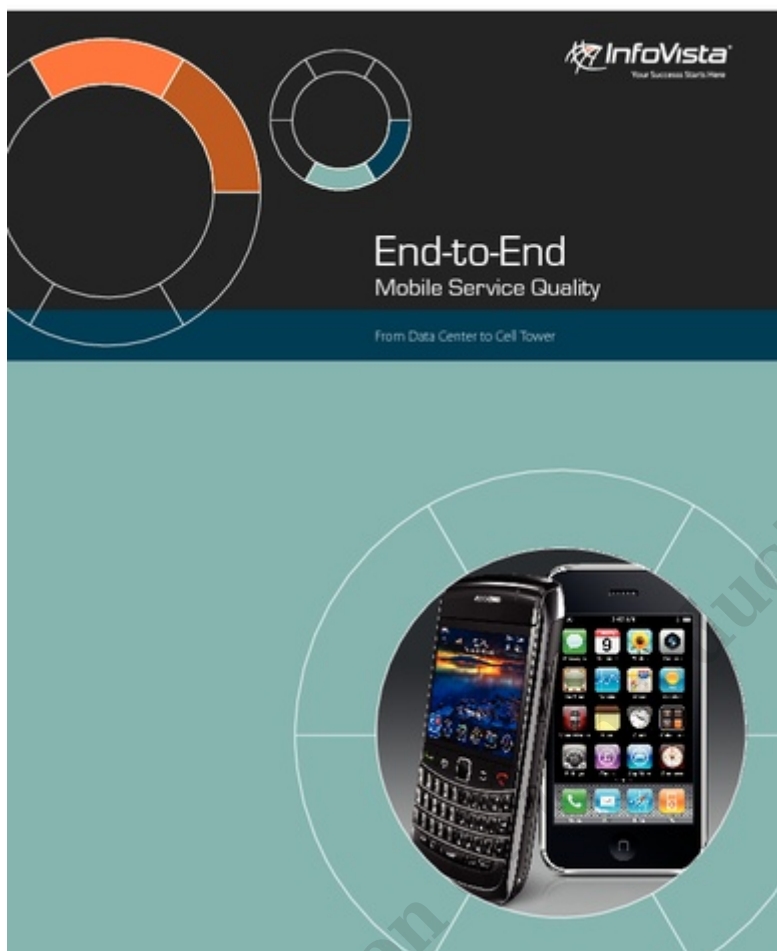


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Robert Brumley, co-founder and chairman of Commstar

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Pulse INP Comprehensive End-to-End Revenue Assurance

REAL-TIME INTELLIGENT ROUTING FROM AN INDUSTRY PIONEER

SAVE on local and LD costs

ROUTE based on best value

PEER with partners

ENABLE policy-based routing

ADDRESS number portability

NEGOTIATE with suppliers

ENSURE quality of routes

RECONCILE billing records

EMPOWER decision making



The Pulse Intelligent Network Platform (INP) offers advanced analytics into supplier diversity, margins, and profitability. It enables real-time margin assurance by centralizing and automating routing policies and network control. Pulse addresses unique requirements of the interconnect team to negotiate better rates, increase the number of suppliers, lower costs, and improve operating margins. For the Network Operations team, Pulse INP can deliver the ability to translate several hundred rate decks from one or more suppliers, in disparate formats, into real-time switch routing actions. It also prevents revenue leakage by providing the ability to apply routing policies in real-time, bypassing or overriding routes, or diverting suspected incoming traffic for specialized handling. Pulse empowers key decision makers with valuable network insight to make informed and timely decisions.

Modular, flexible, real-time solution

Pulse is an industry pioneer in real-time, intelligent least cost routing solutions. Pulse is flexible, modular, and can be scaled to meet the growing needs of your organization. Start with basic Least Cost Routing and add new modules as your needs grow.



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Case Study

**Mobility: Transforming their OSS
landscape with Comptel solutions**

January 2015

Dean Ramsay and Justin van der Laan

Ref: RXB98

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Business Case for Uplift Modeling in the Telecommunications Industry

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**CLOSING THE COMPLEXITY GAP
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CSP ENTERPRISE PRODUCT MANAGEMENT: THE SOLUTION TO ORGANIZING THE FACTORY AND THE STORE

A model for getting organized

In running a retail store, there are some basic principles that everyone understands about products and inventory. For a start, the Sales staff rely on knowing exactly what they have to sell – what is in stock, what options are available and to whom, what the lead times are for special orders, etc.

Purchasing needs the same information to know when to source additional stock to match customer demands and to find suppliers that can deliver.

And Marketing and Product Management need to know which products are doing well, which ones need refreshing or retiring and where to focus their next product campaigns and development ideas.

The common thread across these departments is the need to service the customer with the right products.

To that end, the idea of product is at the center of the retail universe. The retail business is all about procuring, marketing and selling products, with business success clearly linked to product success. Retail success is therefore heavily dependent on factory supply – the product design, build, warehousing, and distribution tasks associated with making the products the retailer wants to sell.

Communication Service Providers (CSPs) certainly share the same challenges of the physical product retailer, especially when it comes to determining and then supplying the products that customers will find attractive and want to buy.

There are a few important differences for a CSP, given the fact that CSP products are mainly service offerings that they often supply themselves. Services are not lined up in boxes on shelves. Services are not shipped from distant factories whenever stocks run low. Still, services *are* products. They must be designed, manufactured and packaged.

The underlying service delivery capability must be in place before the services can be delivered, just as the factory – for the retailer's product must be operational before a retailer can expect to have that product to sell. And like any other products, services are subject to supply limitations – their delivery is constrained by network and systems capacity and capability, and by the ability of the organization to manage the delivery and support of those services.

With this dual role as Wholesaler and Retailer, CSPs have all the same requirements as an automotive company for the manufacturing, management and supply of products, on a day-to-day basis as the orders flow in from the customers and on a longer term basis as products are created, delivered, and eventually retired. But while everyone in most any CSP company understands the primary importance of products, too many CSPs continue to mishandle products across this chain in a fragmented and uncoordinated way. They simply do not have either the day-to-day or long term viability of their products that is essential for profitable performance.

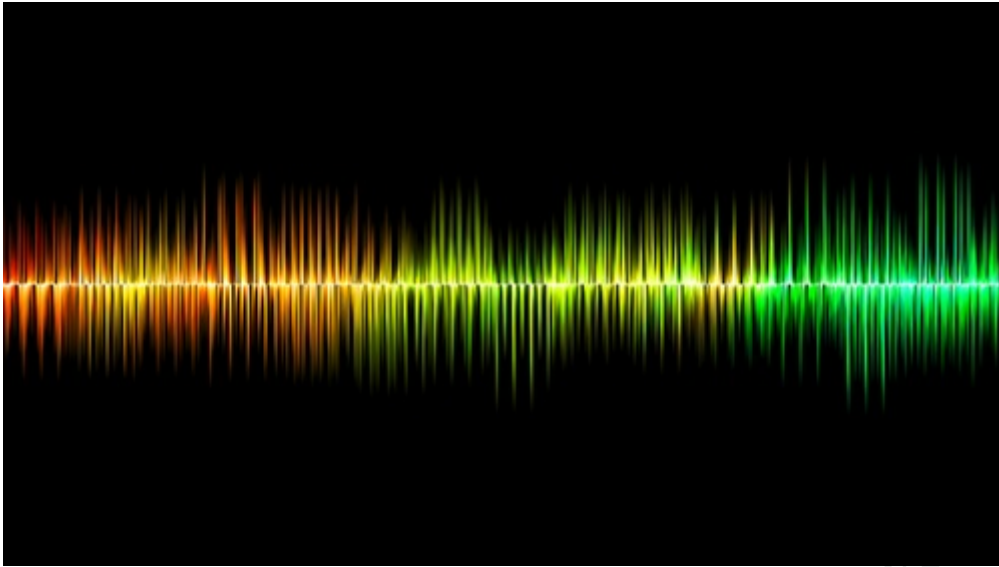
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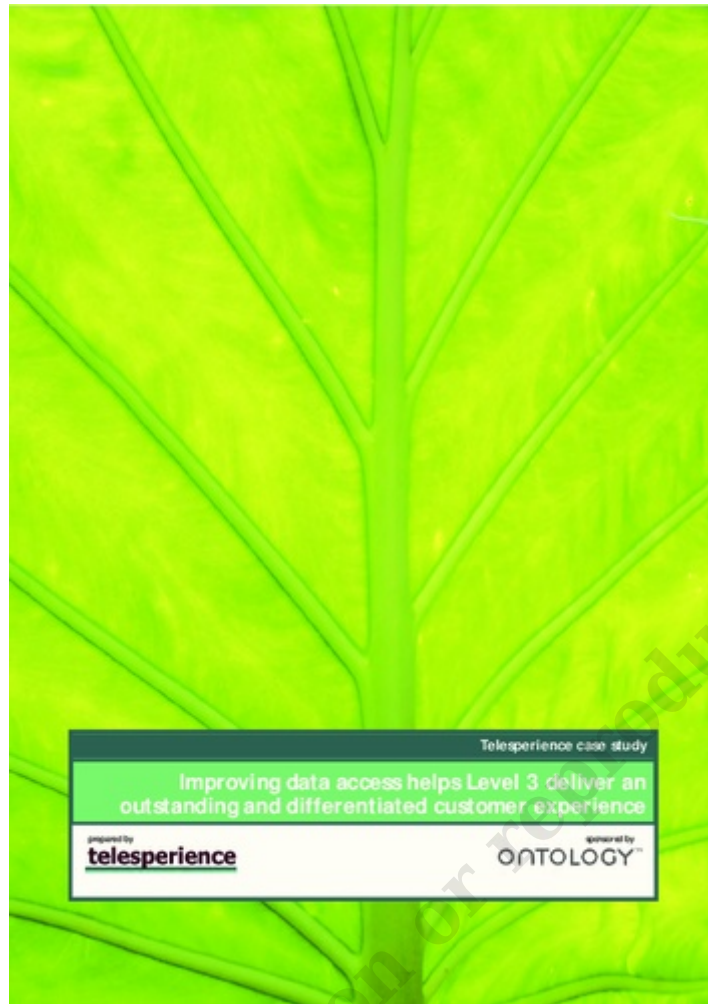
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BSP

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PREVENTION

Real-Time Solutions for Mobile Service Providers

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Mobile Video Policy Control

Benefits at a glance

- Generate new revenue with mobile video services
- Create mobile video services tailored to specific customer segments
- Align revenue and network costs using dynamic policy controls

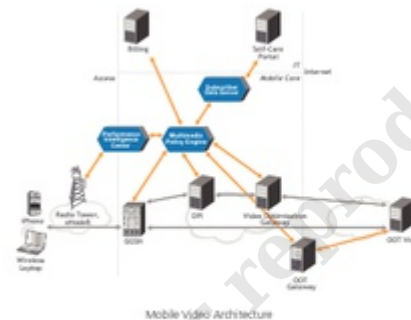


Business Requirement

There is no question that video is both popular and consumes more network resources than almost any other application. A look at current data points tells the story: YouTube has become the second largest search engine. Mobile video is predicted to grow 66 fold from 2009 to 2014 and consume 66 percent of all mobile bandwidth by 2014. Clearly, finding ways to mitigate the impact of mobile video on the network in a way that still meets consumers' demands is critical to the success of mobile operators.

Challenges

Previous network solutions for handling data services primarily centered on static service provisioning in which operators take a "one-size-fits-all" approach. However, with the advent of data-rich services like mobile video, that approach has a number of shortcomings. In fixed networks, geographical service demand can be accurately predicted and the network built out accordingly. However, mobile networks, by nature, enable movement, which makes it more difficult to predict geographical service demand and network build out. Moreover, operators are increasingly investigating and deploying tiered pricing plans, which offer end users a variety of service levels and options that go far beyond the "one-size-fits-all" static provisioning approach.



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THE EMC SOLUTION FOR SERVICE ASSURANCE

Transform Healthcare IT with an application-first approach to IT management



ESSENTIALS

Virtual Data Center Visibility

- Unified management of physical and virtual IT environments

Configuration Management

- Coverage across networks, storage, and servers

Identify and Act

- Advanced root-cause analysis for separating symptoms from problems

THE FOCUS OF IT OPERATIONS

"The goal of IT operations is to enable the business to operate more effectively, more efficiently, and with lower risks and costs...In short, IT operations isn't about bits, bytes, and bare metal; it's about enabling business leaders to do what they do best: run the business."

Garner—Key Issues for IT Operations Management, 2012

ENSURING HEALTHCARE SERVICES AND APPLICATION PERFORMANCE

As a CEO or IT leader of a Healthcare company, you have a tri-fold charge:

- Ensure applications and IT services are delivered consistently and at the highest possible levels—because that's what the business and end users care most about.
- Fully understand and effectively manage your IT service delivery environment, so that service levels to the business can be met or exceeded, ongoing operational costs are minimized, and problems—when they occur—can be resolved rapidly with minimal impact.

CHALLENGES TO TRANSFORMING IT

Moving applications to the cloud makes service assurance anything but easy. Factors such as the dynamic nature of a virtual data center (VDC), the rapid pace of IT change, lack of operational visibility and insight, and ineffective problem management make providing service assurance more of a long-term goal than short-term reality for many IT leaders. They need answers to critical management questions, including:

- How can I ensure applications and IT services are delivered consistently and at the highest possible levels?
- How do I understand risk conditions and business impact so I can prioritize my team's actions?
- How do I monitor, isolate, report on, and prioritize fault and performance problems more effectively and efficiently?

IT MANAGEMENT THAT ENABLES SERVICE ASSURANCE

Fully understand and effectively manage IT service delivery, and, in turn, provide service assurance to the business with the EMC® Solution for Service Assurance:

- Virtual Data Center Visibility
- Configuration Management
- Identify and Act

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