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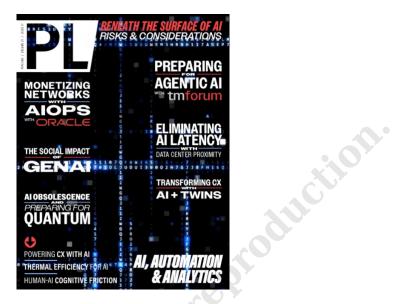
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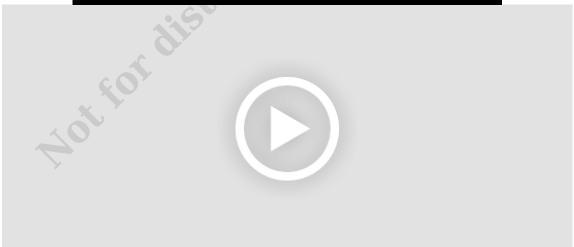
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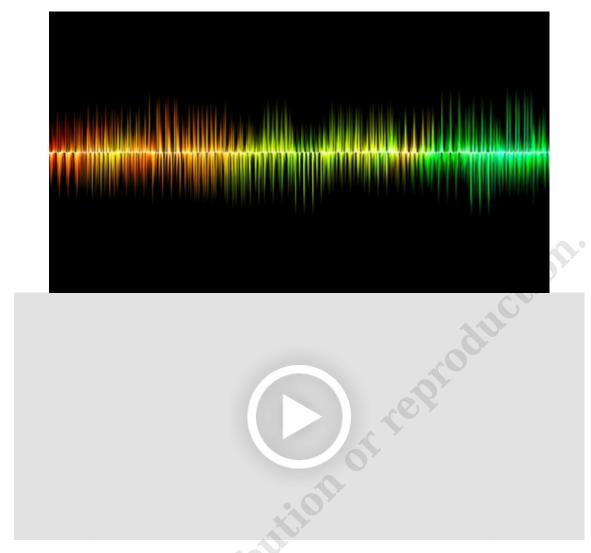
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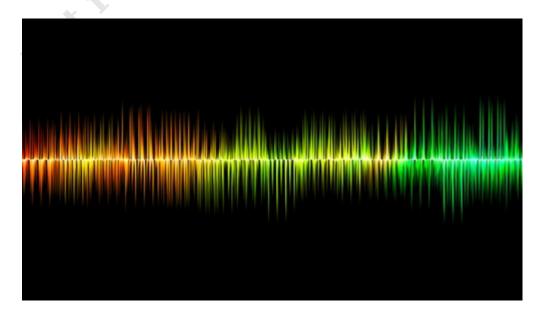
End-to-End Solutions for Broadband Networks

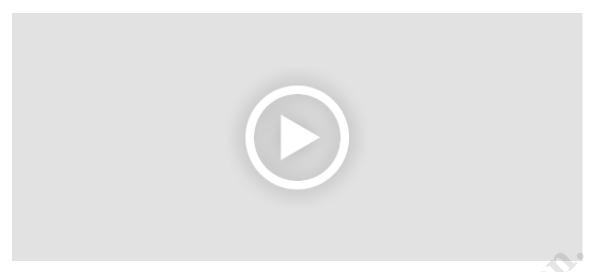
In case you missed Lindsay Broadband - a division of Technetix group at the SCTE Cable-Tec Expo, this video highlights the must-have, end-to-end solutions for your network.



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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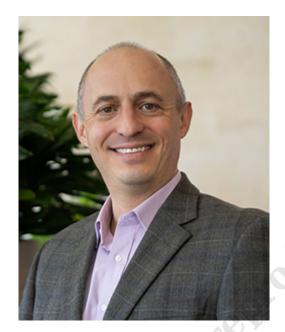
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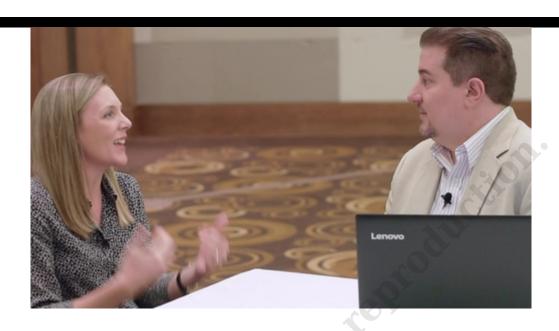
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The Internet of Things (IoT) is not new. Neither is the rapid rise of connected devices or customers' demands for instantaneous service. These are realities of digitalization. While they have become normalized, they are by no means the final destination on the journey to digital transformation. They are merely the first wave of the transformation process. In their wake, the next round of changes is brewing. These changes will require providers turn their focus to the periphery of their networks and get closer to their customers. This next frontier for providers to conquer? The Edge.

networktransformation.fntsoftware.com





Use the Pipeline Marketing Planner to cleate an integrated pagem to achieve your annual marketing objectives and corporate shallow. Select the brand building, lead-generation, thought be elenting, and content creation services that will propel your company to new success. Plan the timing of these activities to coordinate with the issues of Pipeline that align to the topics most important to your company.

	UPCOMING ISSUES											
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Design, Deliver and Manage Triple-Play Services

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TRANSFORM YOUR BUSINESS IN THE CLOUD

Extend your network perimeter to the cloud with dedicated and private connections to AWS, Google, Azure, Oracle, and IBM — using Telia Carrier's global backbone.

Using our direct connections to the major cloud providers, we provide major cloud provident, we provide you with a secure onzump to the cloud. Cloud Connect is a private and dedicated connection that bypasses the public internet - givi ngryou more costool of your bandwidth, with high-levers of security and reliability.

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We offer flexible pricing options to accommodate your changing bandwidth needs. You have the at short notice and configure your

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Cloud Connect allows you to use a single portto connect toone or multiple cloud providers - making it a cost efficient way to scale cloud connectivity. Your bandwidth needs for cloud usage will aways be serviceable as we operate with ample capacity to ensure our global backbone is optimized for highly scalable, burstable workloads.

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nect service in less than 1 minute, You can order your Cloud Connect using our online portal MyCarrier!

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Your traffic traverses our global backbone, by passing the public interset. Providing

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Whitepaper by

AOI, SIESTINO



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The Commercial Market Opportunity For

(Non-Tier 1)

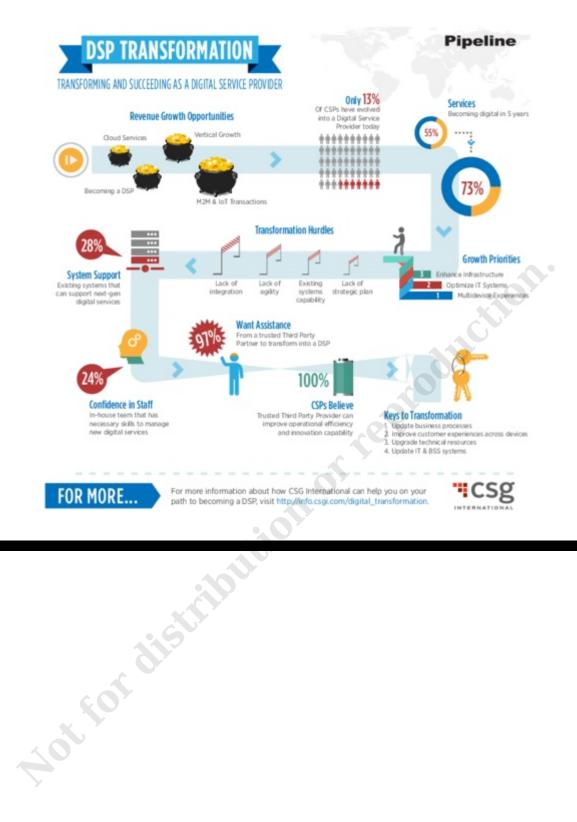
Cable MSOs



A whitepaper covering the current industry, opportunities, and requirements for a non-Tier 1 Cable MSO entering the business services market.

Completed March 1, 2012

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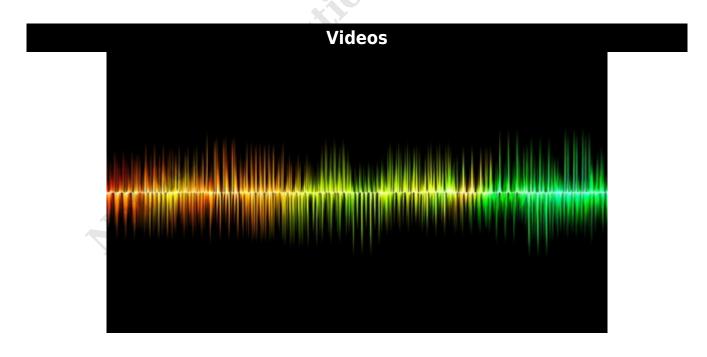


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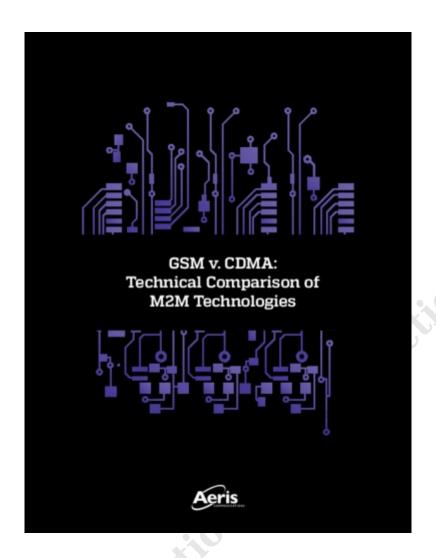


From wireless to wireline networks, CHR has the insight and expertise that empowers the services connecting customers and communities. We stand ready to partner with you on all your project needs—from concept to construction. Whether you're deploying new networks or launching next-generation services, from funding to field services, CHR is with you every step of the way.

CHR's Connected Services provide the platform for next-gen networks and brings them to life. Our expertise in execution enables IP evolution—guaranteeing improved network reliability and scalability to support the services that maximize ARPU, reduce churn and generate new revenue while achieving regulatory requirements and reducing CAPEX.



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COLLECT. MONITOR. ANALYZE. VISUALIZE.



SS8 Networks provides the fastest and simplest way to collect, moretor, analyze, and vausable lawful interception data. For more that 20 years, we have been evolving and innovating to match the changing needs of Communication Service Providers (ISSP) and Law Enforcement Agencies (ILEAs), while delivering comprehensis solutions that are easy to use and optimize diffor the host or evolve.

Our solutions make analyzing, enriching and managing complax data sets simple, he lping LEAs stop organized crime, calchic minimals, and prevent terror attacks. For CSPs, we provide a trusted floundation for meeting regulatory or numerous efficiently and effect data.







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Corporate Factsheet



Testing the Cloud







IMPACT OF 5G ON **LOCATION ACCURACY &** LAWFUL INTERCEPTION



Use Semantics to Deliver Flexible Service Management and Avoid the Risks of OSS/BSS Transformation



by Arindam Saverjee | April 2009

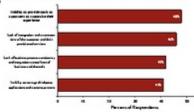
Executive Summary

The customization and convergence of terrifors across application slice and disparate networks are critical to communications terrifor provide as (SCPI) similar to provide increase services, reduce customer chain and drive average post shall report user. CSPI realist that provide an increase services in our enough it is deficial to other and users accurated terrifors with consistent and disparks quality of sharfors (QCQ), which is impossible without an end-to-end unified quatomers and service-level view. This is where most service providers false: Our research deady points out the gluring relations that eaks with most service providers basic-office CSCI EXI systems, which are sypically completed disposed and last of the agility recensively to present a coordinated by Gegme accordene contract view. It is a recomplical CSPI surely conducted by Yarlines Group, more than 60 percent of surveyed global CSPIs agreed that improved automer experience is directly linked to improved AVMU.

Host service providers take a top-down approach to eap rest customer and service views. However, they often adopt a service model that in most cases does not capture the complexity of missilgned as well as here regeneous underlying infestructure. Only when the relationships among underlying systems, services and customers are imaged out of the infestructure is it possible to advise the gold of insultional service modeling. Therefore, what is needed today is a bottom-up approach that looks at how existing systems map to existing customers instead of a more staffished top-down approach.

,diliciion. CSPs have invested billions to streamline and modernize their CSS 655 infrastructure to achieve the agility required to see all of their assets in Curr have interest counts to treatment and modernist treat round as interest read growing the growing that is set as or the fact of countries and modernist treatment or the growing treatment of the set as or the fact of countries and countries are countries are countries and countries are countries and countries are countries and countries are countr

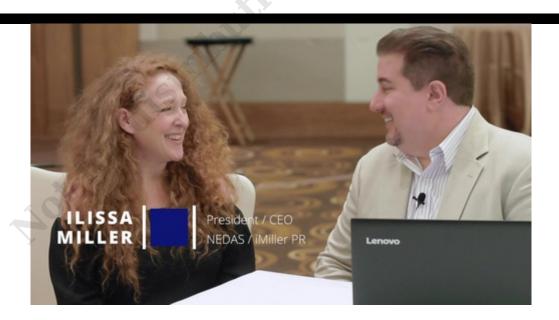
Exhibit I. Critical Factors Inhibiting CSFs from Being Competitive and Delivering Innovative Services Source: Trafer Group, 2009



In light of current economic disillanges, in its dear than telecom service providers an equating their capes budgets to align with lower revenue growth expectations. Hence, although a unit ed end-to- end service model remains on top of their priority is presed of Mil-scale and expensive transformation osercises. CSTh and managed services providers are locking for an alternative forw-infe information just in oward a unified service model. In this report, we look a CCSTP current operational inserts that a deep dww on a unique, afternative remarks beared approach soward achieving a unified virtual service model; and investigate how such an approach can enable customer consider by the solving the problem of sloved.

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MATRIXX CONVERGENT CHARGING

As communications business models evolve and As communications business modes evolve and mature, marketing organizations are constantly creating new services, payment models are evolving, and devices are becoming increasingly sophisticated. Customer segments are becoming more defined and granular, and what once was white a prepaid or a postpaid relationship has grown into a multi-faceted array of payment options. These mix and match payment methods also provide options to charge physical goods to a mobile account or access personal funds as a customer would at a bank.

Devices and access methods are also multiplying making the picture yet more complex for service providers. Their subscribers have a choice of Smartphones, set top boxes, tablets, PCs, laptope, garning consoles, and mp3 players to access services via cable, DSL, FTTH, 3G, Wi-Fi, Wi-Max and new LTE networks. However, competition is fierce and network access charges are becoming commoditized.

Communications service providers are challenged with rising above these complex operational and service delivery environments to focus on the customer. Regardless of device, access method or

payment option, customers should be presented payment option, customers should be presented with compelling, integrated service bundles that are intuitive and customizable to fit their personal needs. Convergent charging applications play a key role in delivering a differentiated and consistent customer experience as they provide the central link between services, payment methods, and devices

MATRIXX Convergent Charging provides a highly flexible, hyper-efficient application that runs on low cost, commoditized hardware and which easily integrate with existing billing systems. It helps the marketing department and the business implement initiatives to strengthen the brand and increase customer value while providing dramatic scale and driving cost out of operations

Increase Customer Value MATRIXX Convergent Charging enables service providers to better monetize their portfolio of services and content and increase customer lifetime value. It provides a flexible and configurable set of pricing, charging and balance management features so that service providers can quickly and cost-effectively implement a convergent charging layer without disrupting existing IT and network assets.

Functional Highlights

- Bundle products and services together regardless
- Quickly deploy new pricing models, promotions
- Manage balances and payment relationships
- Develop and implement loyalty programs and preferred pricing
- Track and enforce usage quotas, allowances and credit limits
- Bundle services together to provide cross-product discounts
- PRoll out the same offers across prepaid and postpaid subscribers
- Share balances across devices, such as sharing a data allowance across a laptop, tablet and Smartphone
- Create prepaid/postpaid hybrid offerings

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Weathering the Wireless Tsunami How MNOs Can Reach High Ground in Today's Communications Market

By ConceptWave Software Inc.

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