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Northern Data Group and VAST Data Partner to Deliver Al Cloud

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Orange and Nokia to Accelerate 5G in Europe

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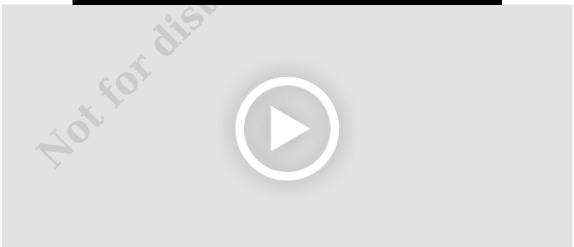
ServiceNow Makes Strategic Growth Investment In InMorphis

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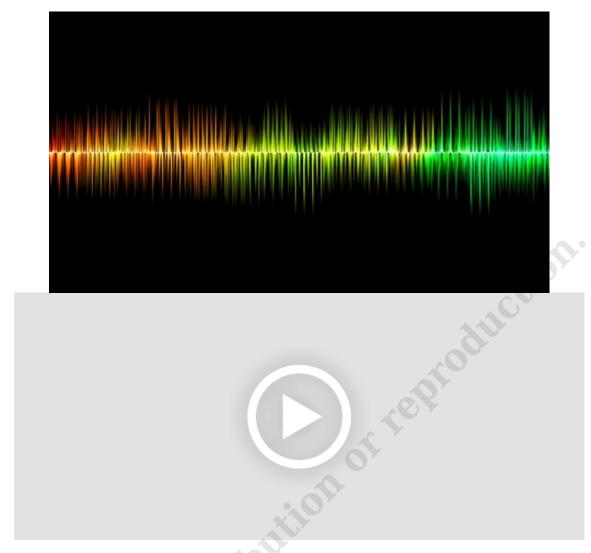
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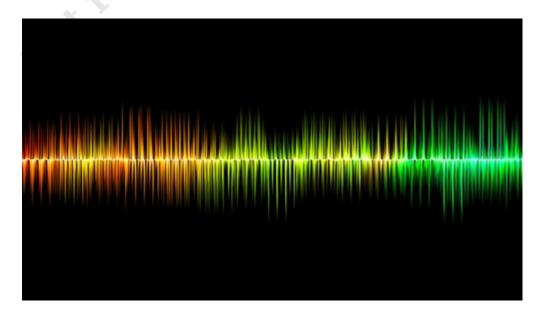
End-to-End Solutions for Broadband Networks

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.





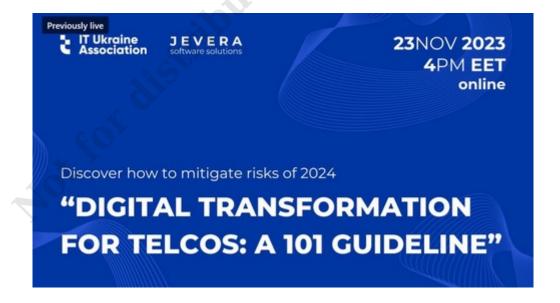
Podcast: The Evolution to 6G

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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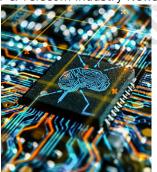
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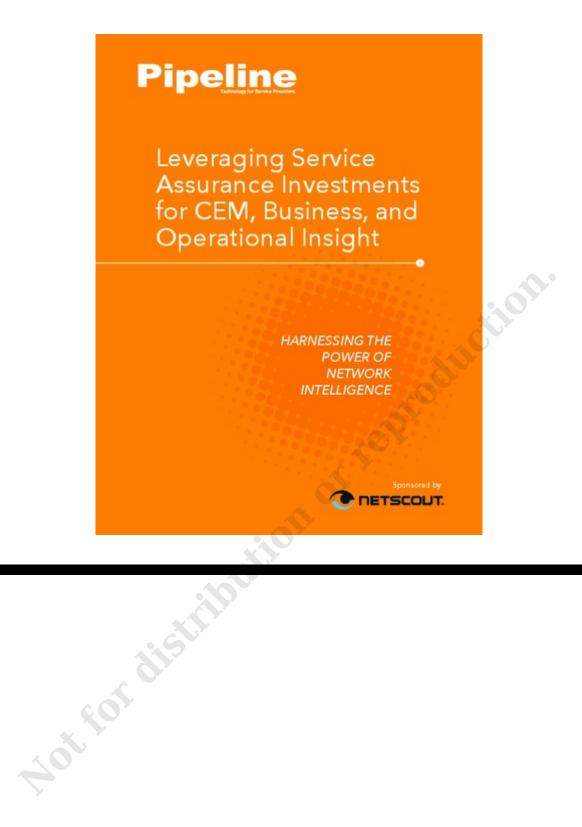


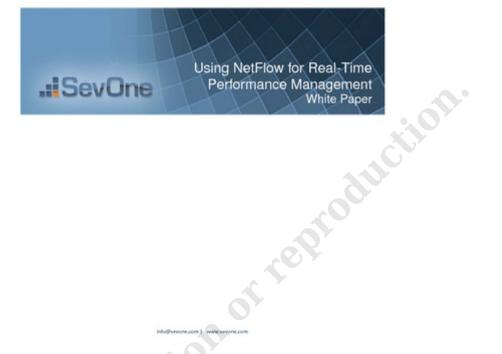


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DIGITAL BUSINESS PLATFORM

Digital transformation, which is the key for higher agility, efficiency, cost reduction and improved customer experience, is inevitable for CSPs to survive in the new digital economy. However, large-scale digital transformation projects are expensive and risky and may take years to complete. Meanwhile, agile competions are ending your madnet shame. Speed to digitalization

Etija's Al expertise and platform capabilities are used to differentiate the BSS platform via better customer insights, more personalized customer experiences and increased process automation. Knowing your customers' behaviour and needs allows personalized in treactions and service targeties, and supports want decision making during the customer journey, that will ultimately thicustomer and employee efficiency and satisfaction.

Modular, Tiexible, cost effective and scalable digital solutions

Etiya Digital Business Platforms are 5G ready, agile, end to end, and fully virtualized digital solutions

Management (CRM), Customer Service Management (CSM), Configure, Price, Quote (CPQ), Product Customer Relationship and Charging and API gateways. They support both E2C and 828 outcomer segment.

Since the platforms use a modular, API-driven architecture, they are flexible. CSPs can select to launch a full-stack new BSS glatforms, to replace their legacy glatform, or modernize it step-by-step, by choosing which platform components they want first and add new solutions, as needed, later.

Biya Digital Business Flatforms contain three main layers Experience, Engagement Erubbement, Data analytics, Al, and business intelligence functions are used to able intelligence to these layers and enable personalization, process automation, and efficiency.

Digital Experience	Online self-care, E-commerce, Mobile App. Content Management
Digital Engagement	CRM, CPQ, Offer Management, Rewards & Loyalty, Community Management, CSM, Recommendation Engine, Order Management
Digital Enablement	Product Catalog Management, Charging & Rating Management, Billing Management, Partner Management, Policy Management

Case Studies



Whitepapers



Hot for dist. **Whitepapers**

MDS Bill Analyzer

Deliver clear e-bills to business customers, provide the management information and customized reporting they need to effectively manage their accounts and services, simplify integration with existing infrastructure, improve ROI and reduce risk.

Consolidated e-billing and Analytics for Business Customers

Communication Service Providers (CSPs) are faced with the challenge of how to increase revenues and drive up profitability despite intense competition and slow growth in core markets. One revenue growth strategy being pursued is to expand into new business areas and increase the range of products offered. However, this expansion can increase billing complexity and have a negative impact on customer experience. As business customers represent a significant source of revenues for CSPs, it is imperative to deliver increasing levels of value to customers while reducing complexity and minimizing the cost to serve.

Businesses are demanding access to tools that enable them to view their consolidated blist, analyze usage, leverage business intelligence reports and control the cost of the services they use across their organization. CSPs need to satisfy this need to differentiate from the competition, attract and retain key customers, and afficiently deliver a superior customer experience.

MDS BillAn alyzer

MOS BillAnalyzer is a sophisticated e-billing and analytics application that allows you to present an intergented view of products and services to business customers. It provides a seamless customer asperience from disparate billing systems and allows business customers to manage shair consolidated bills in a convenient manner that eliminates the need for paper bills. Powered by the Lanastorm Analytics English, MOS BillAnalyzer provides light-to-uch integration capabilities to deliver rapid go to market and low-risk deployment that capitalizes on existing infrastructure.



MDS Bill/Analyses Analysis Dashboard

Advantages for CSPs

Single View of Products and Services

MOS Biliknalyzer has been designed to be bilingsystem agnostic, it streamlines the task of bringing together information from multiple billing systems, presenting the customer with a single, converged view of their services. Its non-intrusive ETL functionality and standard APIs simplify the capture of data from multiple sources, provide data synchronization and assurance, support data enrichment for presentation, and offer rapid system integration with low poject risks and cooks.

Single View of Customer

With MDS Bilknalyzer, CSP care staff and relationship managers can view bill and usage data in the same way as customers. In provides them with a holistic view of the customer and their services, enhancing firsttime call resolution and halping staff to have a better understanding of the true value of the customer.

ANDS BIFANIQUES



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Customer-Focused Experience Management Must Be an End-to-End Process



by Susan McNeice and Sheryl Kingstone | June 2011

Key Takemens

- The new market making for communications service provide is (CSR) is so transform their business around their customers.
- Yankee Group believes enhancing customers' experience is CSPs' last remaining opportunity for real competitive differentiation.
- Today's CSP operations inflastructure is reither meeting the needs of customers, nor is it as cost-effective as the competitive market requires.
- CSPs must have an end-to-end perspective on customer experience.
- · Intelligent, interactive operations software is key so delivering on this perspective
- Transformation to customer-centric operations requires a process-based overlay to existing operations.

A Good Customer Experience Is Essential in the Connected World

CSPs are experiending pressure for a fundamental transformation due to the hyper-cornergence of connectivity, media, mobility and devices has world where product differentiation feeds to shows term success, cancers-contribing is paramount. Sur utilitie earlier times, managing customent' experience is not simply a matter of capturing cancers information and order requests. Today's reality requires CSPs to evolve from an operational service stranger to a more cancers focused experience remageness model. This is the only way they can differentiate from the competition as they strive to increase customer loyalty and overall spend.

Likewise, CSPs are grapping with economic and ecosystem challenges, iconic devices such as the Back Serry and iPhone have stimulated customer demand for mon sophisticated social and services, charging their connectivity (Regides, in the past, innocation was constrained by Item Seasure-rich phones with artificious proprietary to specific CSPs. The new world code t, however, is driving thange actors consument, devices, deac connectivity and application scorptomer (see Subbit 1 on the next page).

The Customer Is Now in Charge

Yanise Group first identified the concept of the Anywhere Consumer* in 2007 as a disset of consumers that demands connectivity at the conject thair every attitudy. This point of iden influences their buying behaviors, from the devices they acquire and the services to which they subscribe to the applications they dominate they dominate the devices they dominate the devices they dominate they dominate they dominate the devices they dominate they do not the devices they dominate they do not the devices they dominate they do not the devices they do not they do not the devices they do not they do not the device they do not they do no

Today, we that per our focus beyond Anywhere to connected experience. This takes customers to a new world of always on connectivity, smarridenics with intuitive interfaces and cloud-based connect and applications, all delivered according to the customer's expecuations, including

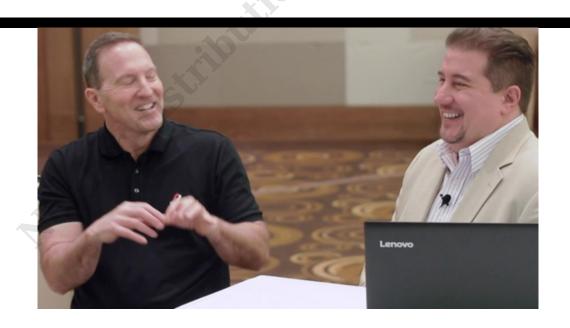
- Hore dramels of interaction, e.g., mobile and social networks
- · Immediate delivery of content and applications
- The latest digital lifestyle solutions

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Network Planning & Design for Fiber, Wirless, Hybrid Outside Plant Design Engineer (Architecture, Field Notes Design, Remitting)

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We identify and implement infrastructure solutions that meet your technical needs, timelines, and financial requirements!

Chill understand that traditional communications in it just flower, Data, and Video services anymore. Knowledge and expentise of current and emerging technology is our business, and our staff is experienced in applying those technologies to replace revenues that are ending under pressure from changing demorgraphics and competition. We don't provide a quick fix, we partner with you every step of the way and work to provide long-term solutions.



Who Are We, You Ask?

VRND AND Yes, the SAKE

CHRI to a leading provider of engineering, billing software, and managed services for communications service providers. Our legacy was built by providing comprehensive services to the independent and rusal carefres for all of their network and business needs. We have taken that knowledge and created specialized pagaram, most notable being Outside Plant, FTTP, wheleas, access equipment, network and webfling design. Our industry experts he to clients gove severus and reduce cost through operational efficiencies and enhanced.

Our Experience is Your Advantage

- Our Experience is Your Advantage

 759 years of service to broadband provides

 Professional Engineers, certified in 44 states

 Surpassed 2 million FTTs passings designed

 Secured over \$3.5 billion in private and government funding

 Completed over \$0.5 billion in private and government funding

 Prepared applications and design engineering for 50 + RUS/FCC funded projects

CHR can deliver an end to end solution or a subset of inproduct payors, such as engineerin designs. A project manager will be assigned to work with our sloped matter experts to lead your project from beginning to end, delivering all appoints whether on complete owners hip of delivery, including managing all partner agreements and performance.

BUILDING THE FUTURE WITH BROADBAND





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