January 2026, Volume 22, Issue 3

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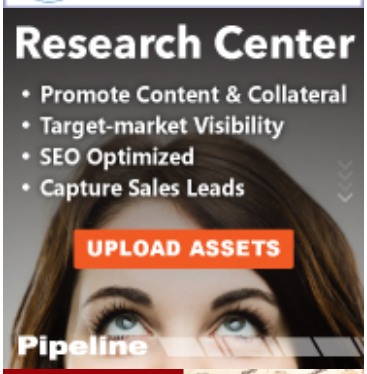

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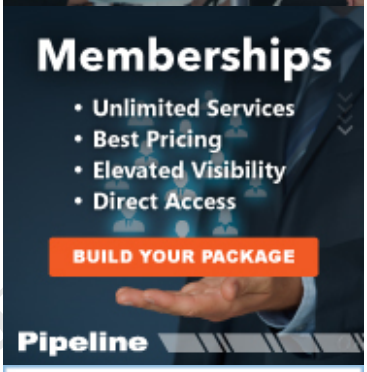

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Featured Content

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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.

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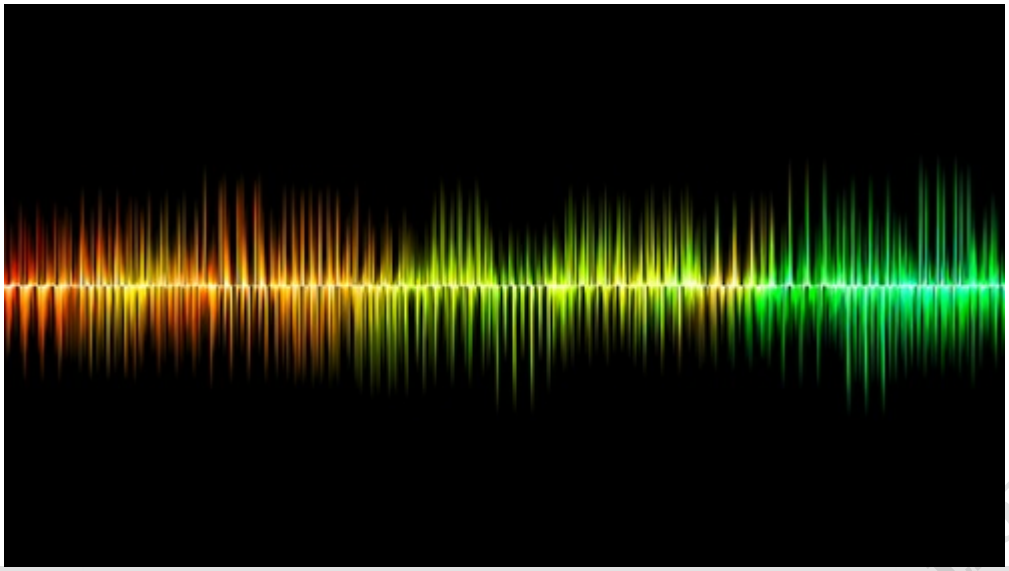
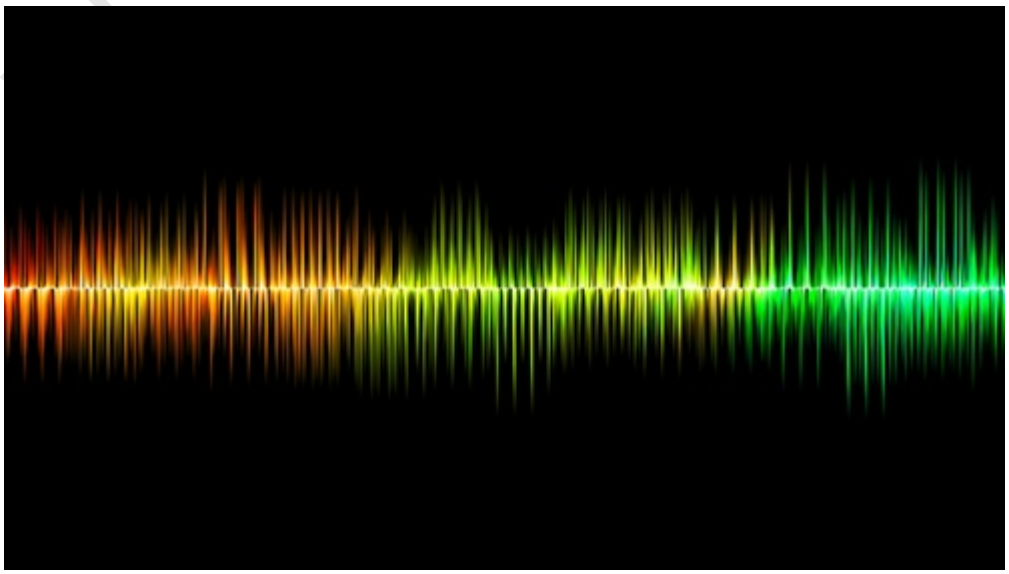


Predicting Colonial Pipeline: Mitigating Risk and Compliance

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.



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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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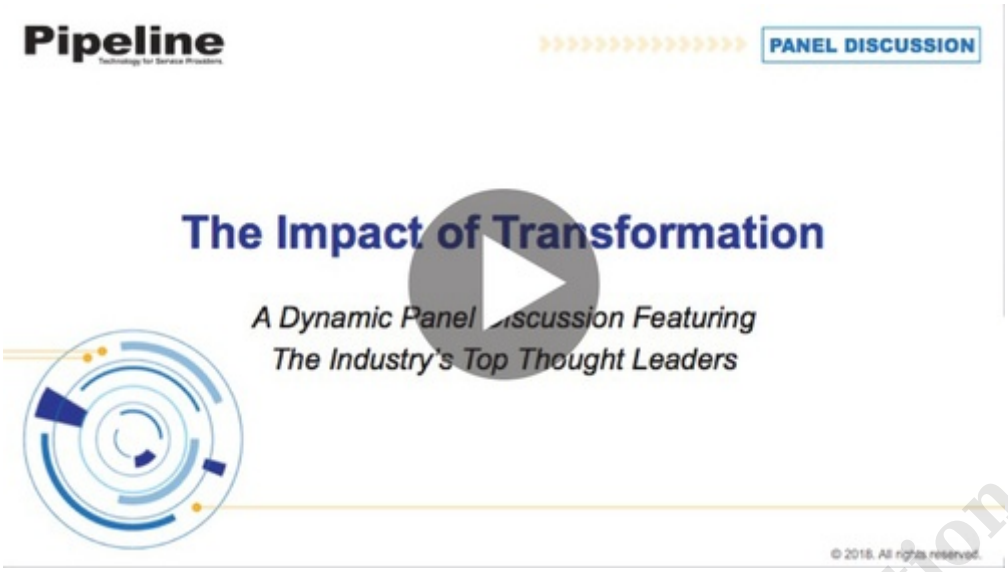

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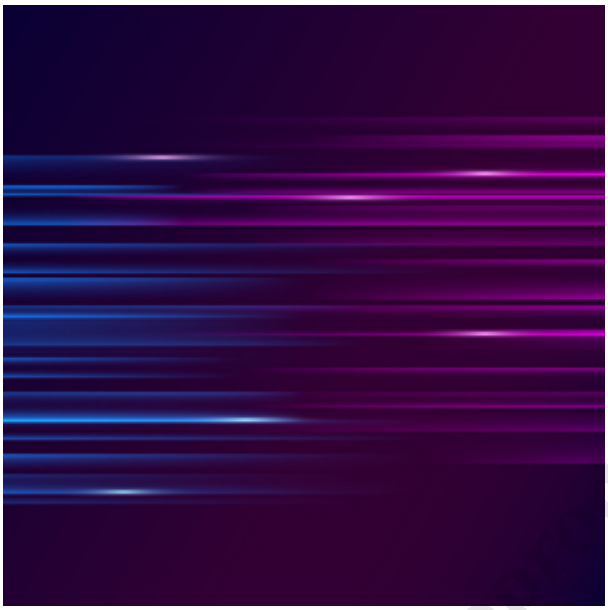

Seamless Connectivity Services

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Distributed AI Networks

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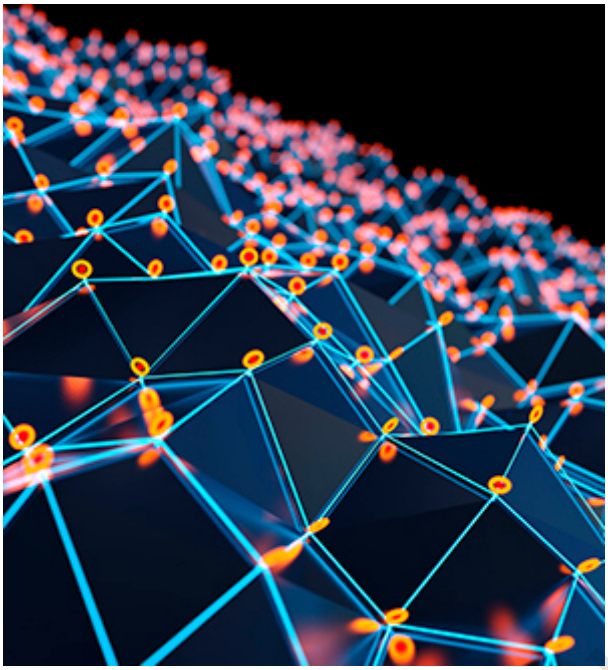

Unified Endpoint Security

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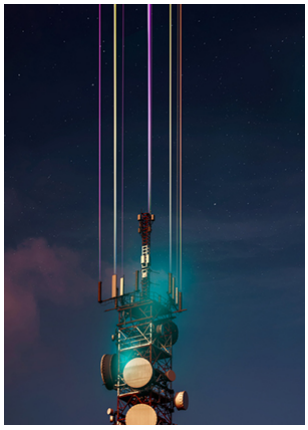

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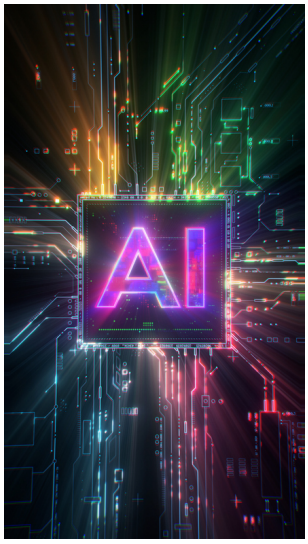
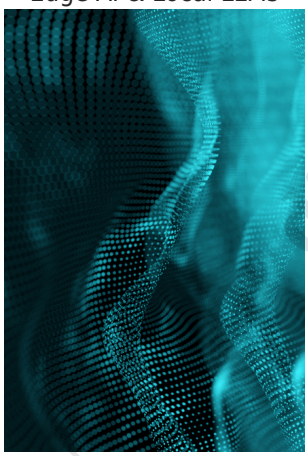
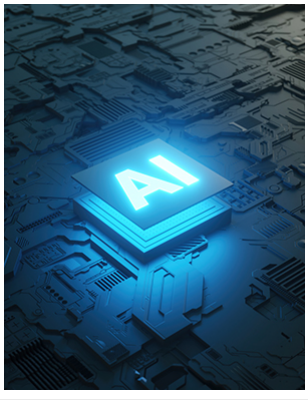


Edge AI & Local LLMs



Quantum Network Simulation



Transforming CX with Agentic AI

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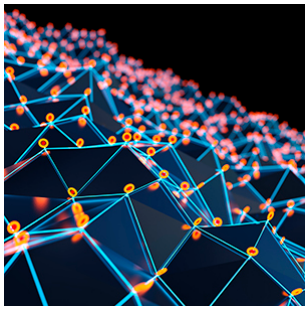

Internet Connectivity Trends

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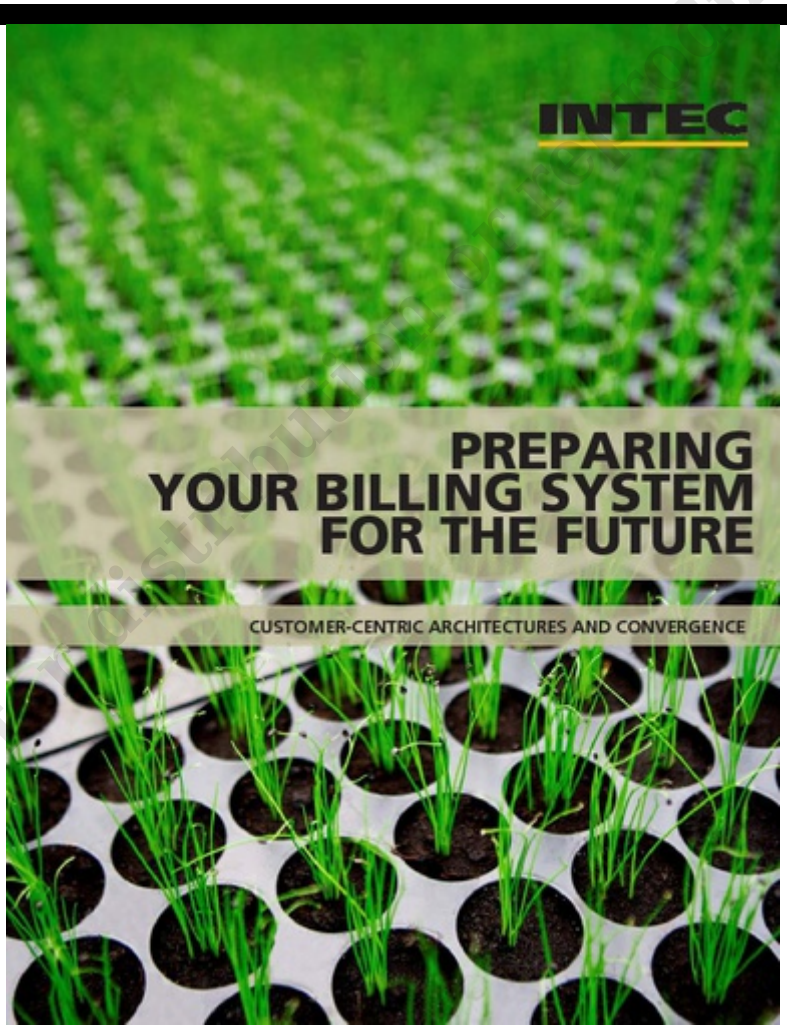

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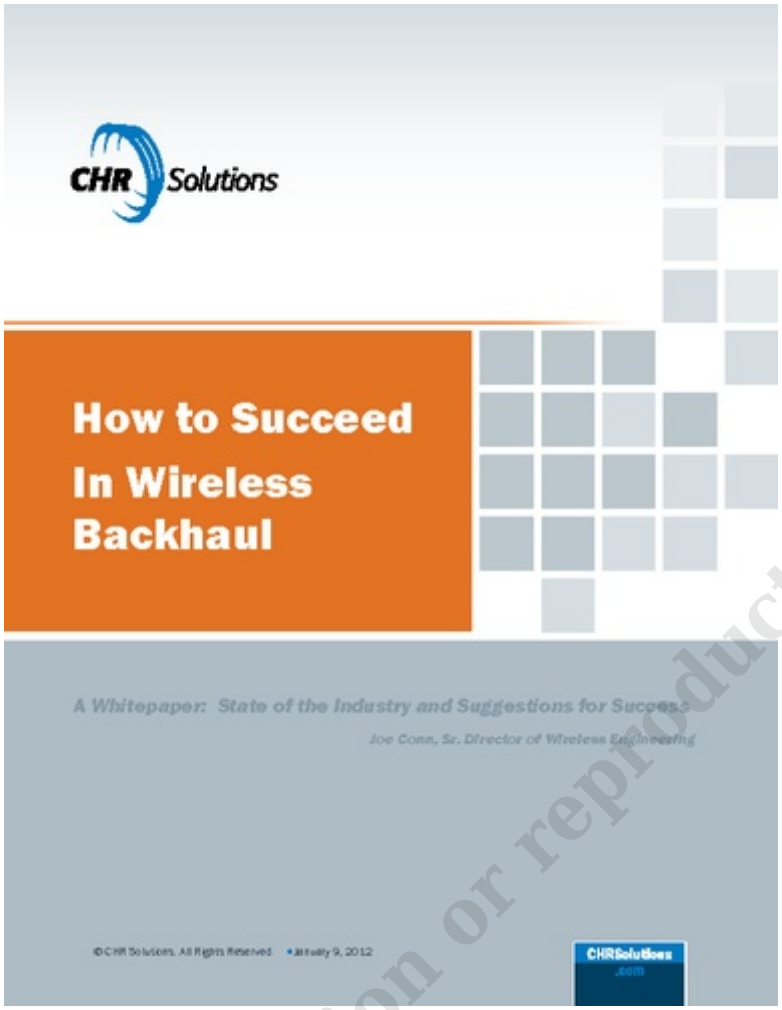

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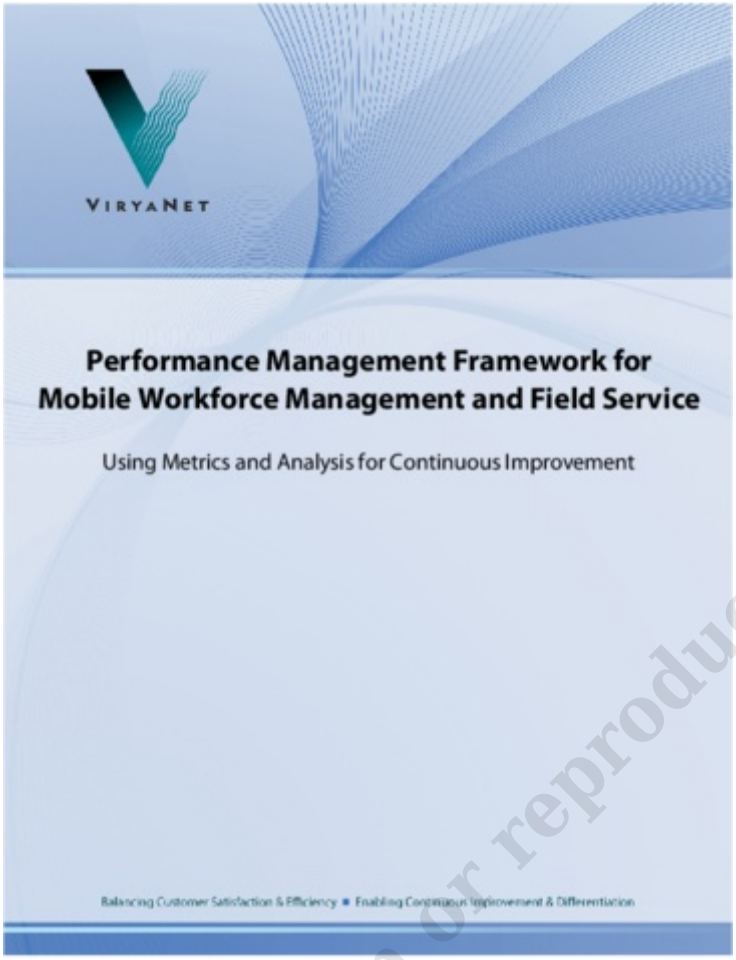

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MARKETING PLANNER WORKSHEET

Pipeline
Technology for Service Providers

Use the *Pipeline* Marketing Planner to create an integrated program to achieve your annual marketing objectives and corporate strategy. Select the brand building, lead generation, thought leadership, 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											
STRATEGIC MARKETING OBJECTIVE	JANUARY Network Transformation	FEBRUARY Customer Mobility	MARCH Shrinking Consumer Dependence	APRIL Digital Transformation	MAY Network Synthesis	JUNE Innovation	JULY IoT & the Device Revolution	AUGUST The Agile Operator	SEPTEMBER Big Data, AI & Advanced Analytics	OCTOBER Network Evolution & Optimization	NOVEMBER Security & Assurance	DECEMBER Top Trends
BRAND BUILDING:												
Run-of-Site Advertising	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Embedded, Interactive Article Advertising	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Weekly Newsletter Advertising	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Monthly Newsletter Advertising	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Spotlight Article with Cover Page Logo	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Executive Spotlight Video Interview	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Cover Page Corner-wrap	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Cover Page Logo	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Cover Page Executive Photo	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Tradeshow Newsletter Advertising	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
ICT Executive Summit Events	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Tradeshow and Event Partnerships	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Webinar Branding Sponsorship	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Innovation Awards Sponsorship	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Marketing, Writing, and Design Services	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
THOUGHT LEADERSHIP:												
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Sponsored Thought Leadership Articles	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Commissioned Articles	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Executive Spotlight Video Interview	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Whiteboard Video	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Whitepaper Writing and Distribution	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Resource Center Asset Hosting	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Marketplace Directory Listings	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Industry Reports and Surveys	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
ICT Executive Summit Events	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Innovation Awards	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Webinar Participation	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Pipeline Guest Speaking & Event Support	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Pipeline Guest Blogging	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
LEAD GENERATION:												
List Rentals with Lead Reports	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
DirectContact Advertising	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Resource Center Asset Hosting	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Content Distribution and Syndication	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Spotlight Articles	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Sponsored Articles	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Digital or Physical Article Reprints	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
ICT Executive Summit	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
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The communications industry's most advanced Enterprise Product Management software solution

TIME TO TAKE CONTROL

These are challenging times for the telecoms and media sectors. Fierce competition is lowering margins. Converging technologies are making product differentiation problematic. Cost pressures are mounting. Customers are treating products as disposable commodities while brand loyalty is fast becoming a thing of the past.

Facing these difficulties, Communication Service Providers (CSPs) are discovering that delivering innovative, profitable products is an increasingly demanding task, but one that has become paramount to their ability to effectively compete and deliver in this fast evolving industry.

Enterprise Product Management is about taking control over these challenges and providing the key to how CSPs go to market and with what products and services.

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white paper

never underestimate the power of identity

hackers in an increasingly vulnerable digital world

Without question, the power of the digital economy permeates nearly everything we do. Evolving well beyond eCommerce and mBanking, the connected society includes social media, video subscriptions, file sharing, ride hailing, web hosting, all of which have quickly become a regular part of our lives every day. While the convenience is alluring, the risk can be alarming. These applications often contain payment and other confidential information that need to be secure if used to ensure that only the right people are properly entitled to access the information or assets involved. To complicate matters further, applications are constantly trying to improve the user experience by reducing the friction in the authentication process. Unfortunately, making access easier for the consumer is also making it easier for fraudsters.

"Hackers can have access to your bank accounts, bitcoin, payment services and many other aspects of your digital life before anyone is the wiser."

According to an article by CBS News New York[1], a woman lost more than $30,000USD when a fraudster posing as her bank took over her account. The article says the scammer did this by telling the woman her account was compromised, then sent her text messages to change her password – giving the con-artist access to her account. Hackers can have access to your bank accounts, bitcoin, payment services and many other aspects of your digital life before anyone is the wiser. That is a powerful proposition for fraudsters.

Clearly, the digital world is increasingly vulnerable. Fraud is getting progressively sophisticated and more difficult to prevent resulting in billions of dollars in financial losses annually. Victims are not only unsuspecting senior citizens and always-connected millennials, but also bitcoin entrepreneurs and everyday consumers. Even the chief technologist of the very organization vested with the responsibility to protect consumers by stopping unfair, deceptive or fraudulent practices in the marketplace has been a victim of fraud. Interestingly, the telephone number, which is the entryway for much of this fraud, is being exploited by adept criminals in novel ways. Fortunately, the victims no longer need to be victimized because much can be done to protect consumers from this type of identity theft and related harms.

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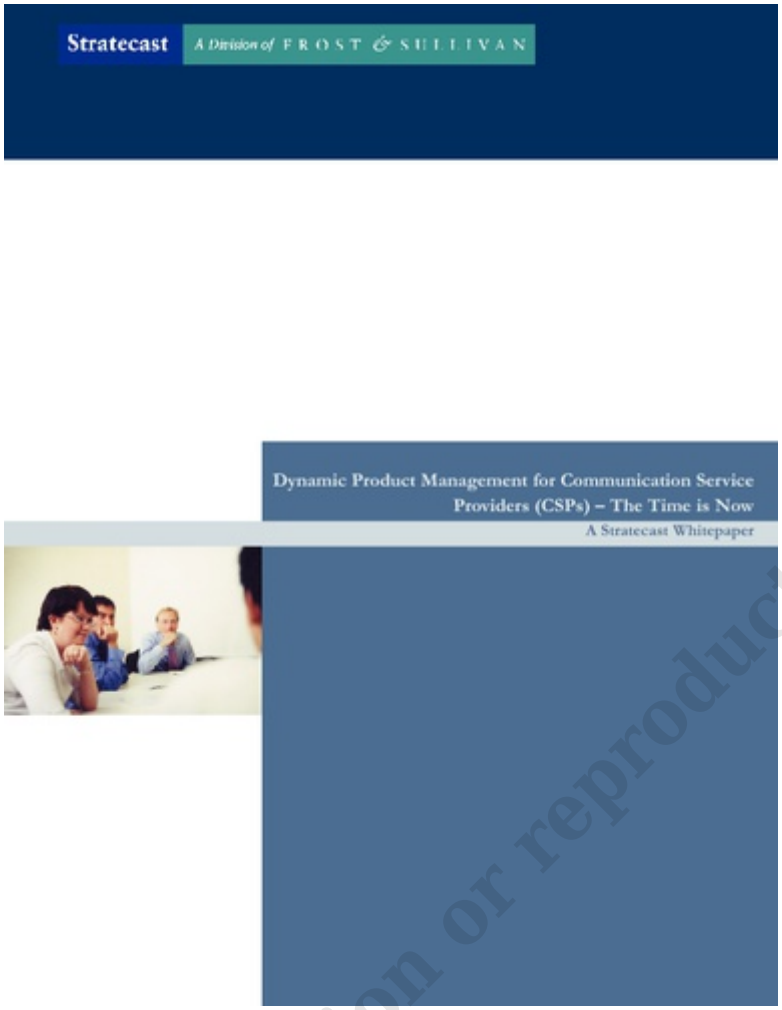

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FACT SHEET

COMET EXECUTIVE SUMMIT 2014

WHERE THE INDUSTRY'S LEADERS COME TO MEET

The 2014 COMET Executive Summit

November 5 - 7, 2014 – San Diego, California

Pipeline continues its legacy of bringing together the world's leading service providers and technology innovators this fall at The 2014 COMET Executive Summit.

This exclusive event is gathering key executives from the world's leading operators with key technology developers and enterprises in an intimate symposium to explore the latest trends and challenges in communications and entertainment technology (COMET).

The COMET Executive Summit is a flexible, highly interactive format that is filled with unprecedented networking opportunities designed to build relationships that can be carried forward to solve the issues and challenges facing service providers and industry today.

Register today to stay on the edge of topics to be covered at the COMET Executive Summit, such as:

- Network security
- Big data & analytics
- Agile Architectures
- Network evolution & virtualization
- Customer experience management (CEM)
- Exploring cloud offerings
- Enabling new business models
- Delivering and assuring digital services
- Leveraging content

Attend CES 2014

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Register and book your accommodations today!

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DIFFERENTIATE, ACCELERATE & DRIVE PROFITABILITY

MATRIXX ONLINE CHARGING

The Need for Speed and Real-Time

Everything is moving to real-time. Consumers want ubiquitous connectivity and instant access to applications, media, information and social networking. In today's diverse communications marketplace, there are a number of factors that are driving service providers to interact with subscribers in real-time:

- **Increased adoption of prepaid services and payment methods**
- **Bill Shock prevention and spend control**
- **Third party content and applications**
- **4G and LTE network rollouts**

As these forces create a new Telco 2.0 marketplace, three trends are apparent: IP networks are the de facto standard. The usage events from these networks and the services that run on them are growing exponentially. Services providers need to interact with subscribers in real-time to deliver the exemplary customer experience and control required in the all IP environment.

As these trends converge, network bandwidth becomes a coveted asset where the return on investment needs to be maximized. This can be achieved through the shaping of subscriber consumption with a subtle combination of segmented pricing models, service class options, personalized offers and subscriber policies. Get it wrong and the customers will head to the call center or even churn. Get it right and you've created an informed, dynamic relationship with the subscriber, turning bandwidth usage threats into opportunities and delivering an individual and compelling customer experience.

Service providers are challenged to keep up with subscribers' growing appetite for real-time-based services, keep their competitive edge, and keep costs and operational expenses from spiraling out of control.

MATRIXX Online Charging Empowers Operators to Meet the Real-Time Challenge

MATRIXX Online Charging helps service providers meet the challenges of the Telco 2.0 market by providing the industry's fastest, most efficient real-time charging application.

MATRIXX is the only real-time charging solution that can provide the scalability and speed needed to move to an all real-time world, while providing an extremely low and predictable Cost Per Transaction (CPT).

MATRIXX Online Charging delivers sophisticated real-time rating and discounting capabilities, giving operators the edge to differentiate, personalize and successfully compete.

Its extreme performance supercharges operators to accelerate their service offerings and easily scales to cost-effectively manage surging network traffic.

Its stability and efficiency drive increased profitability by providing operators with predictable and measurable costs so that service profitability is determined and ensured before services are launched.

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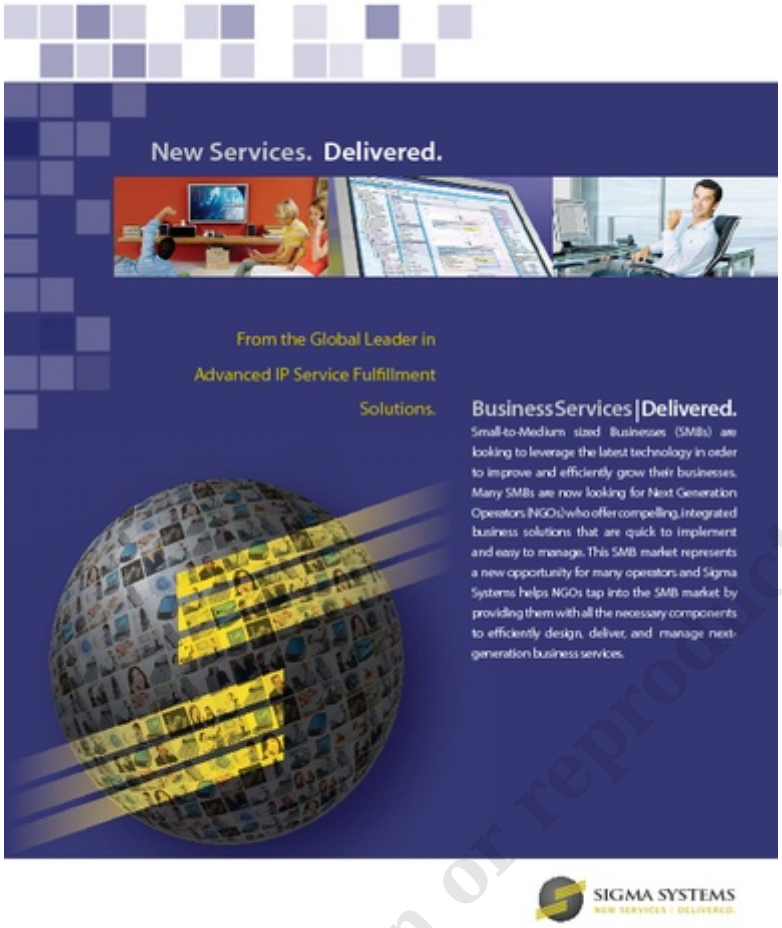

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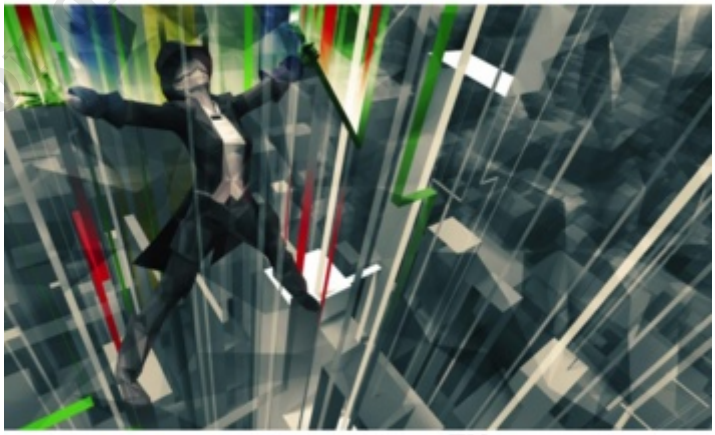
MORE TO MONETISE
BUT LESS TIME TO DO IT



Monetizer™

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MDS 2010 White Paper Series

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CONNECTED SERVICES

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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