



## TECHNOLOGY GROUP SPONSORED WEBINAR PROGRAM

### Calendar of topics available for sponsorship

**December 5, 2018**

#### **Innovative storage technologies for AI and ML data pipelines**

Led by: **Dennis Hahn**, Senior Analyst, Cloud & Data Center

**Sponsorship opportunity available**

AI and ML both require significant data loads, which makes storage systems integral to both processing workflow and pipelining. This webinar will provide viewers insight into a typical ML and AI data pipeline. We will outline requirements and recommend storage types for addressing the sought-after balance between affordable scale for data collection/ingest and high-performance data feeding to GPUs and HPC compute.

**December 11, 2018**

#### **DC-coupled utility-scale energy storage inverters: the new revenue edge**

Led by: **Cormac Gilligan**, Research & Analysis Manager, Solar & Energy Storage

**Sponsorship opportunity available**

DC-coupled utility-scale energy storage inverters are a relatively new approach to power conversion for energy storage with many successful case studies and installations across USA, Japan, and China. This webinar will detail the potential market for these inverters, lessons learned from manufacturer case studies, and the financial and system benefits of this new approach to energy storage design.

**December 13, 2018**

#### **The evolution of automation in manufacturing technology**

Led by: **Mark Watson**, Research Director, Manufacturing Technology

**Sponsorship opportunity available**

Manufacturing technology is beginning to evolve in line with Industry 4.0, with a data-centric model that will transform everything from field and control devices to automation products and architectures. This webinar will thoroughly examine the impact of digitalization in the manufacturing industry in the near- and long-term.

**January 16, 2019**

#### **Orchestrating and automating host, network, and cloud threat mitigation**

Led by: **Jeff Wilson**, Research Director, Cybersecurity Technology

**Sponsorship opportunity available**

It is essential that host, network, and cloud solutions work together to reduce threat exposure. Learn how to close the threat exposure gap with advanced threat detection and mitigation through best practices, lessons learned, and real-world case studies.

**January 17, 2019**

#### **Navigating the new IoT platform landscape - factors for success**

Led by: **Sam Lucero**, Senior Principal Analyst, IoT Platforms

**Sponsorship opportunity available**

The solution landscape for IoT platforms can be difficult to decipher in terms of functionality, scope, and expertise. This webinar will explore the landscape in full to help shed light on how vendors are responding to consumer needs with increased scope and increased specificity.

**January 24, 2019**

#### **WiFi in retail: transforming the brick and mortar experience**

Led by: **Matthias Machowinski**, Research Director, Enterprise Networks and Video

**Sponsorship opportunity available**

Brick and mortar retailers are struggling to compete against online retailers that have many advantages, particularly the wealth of data they accumulate on individual customers, depth and breadth of product assortment, cost structure, and sophisticated analytical technology. This webinar will explore this new realm of retail technology and how WiFi-enabled systems can transform the brick and mortar experience in ways that drive revenue, customer retention, and continuous improvement.

***Custom topics available. Contact your Account Rep for more detail.***

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## TECHNOLOGY GROUP SPONSORED WEBINAR PROGRAM (cont'd)

**January 29, 2019**

### **Optimizing the smart home with mesh Wi-Fi**

Led by: **John Kendall**, Associate Director – Research and Analysis, Service Provider Technology

#### **Sponsorship opportunity available**

Consumers are demanding faster and more reliable home networks, and a quality wireless experience is a major component of that demand. For an optimal smart home experience, mesh Wi-Fi is crucial. This webinar will explore the challenges, options, and the end-to-end network required to enable next-generation connectivity for the smart home and why mesh Wi-Fi is key.

**January 30, 2019**

### **Body Cams and digital evidence management: evolution of digital policing**

Led by: **Josh Woodhouse**, Senior Analyst, Video Surveillance

#### **Sponsorship opportunity available**

As law enforcement increasingly adopts body-worn video, or “body cams”, they face growing demand to properly manage and store data that can prove crucial in the modern justice system. Discover the latest developments in digital evidence management software, the IT platforms that power it, and the greater picture of public safety technology.

**January 31, 2019**

### **Ethernet for 5G fronthaul: a key component in network evolution**

Led by: **Richard Webb**, Director – Research and Analysis, Service Provider Technology

#### **Sponsorship opportunity available**

With 5G driving mobile network change, fronthaul has a key role to play in supporting centralized RAN and cloud RAN architectures. This webinar will fully explore how ethernet-based fronthaul can accommodate future operations and services, including requirements, challenges, opportunities, and the overall roadmap.

**February 6, 2019**

### **The future of the pay TV backend: a comprehensive look**

Led by: **Merrick Kingston**, Associate Director, Research & Analysis, Digital Media & Video Technology

#### **Sponsorship opportunity available**

Cloudification and virtualization have fundamentally altered the architecture of the service provider backend as well as the future of pay TV. This webinar will explore what fundamentals will remain the same and what will change, including backend-as-a-service (BaaS), ownership investment and spend, service insourcing versus outsourcing, and more.

**February 7, 2019**

### **Licensed LPWA technologies: how to find the best solution**

Led by: **Christian Kim**, Senior Analyst, IoT & Connectivity

#### **Sponsorship opportunity available**

This webinar will provide a full exploration of the many licensed LPWA technologies, including optimal use cases, market assessment, and pro/con discovery for each. The expert panel will focus on NB-Cat1, NB-Cat2, Cat-M1, and multi-mode.

**February 12, 2019**

### **Optimizing optical networks for metro access and aggregation**

Led by: **Heidi Adams**, Senior Research Director, Transport Networks

#### **Sponsorship opportunity available**

This webinar takes a deep dive into the role of evolved packet-optical transport in metro networks. The new metro network and aggregation networks require high capacity, low latency, efficiency, and flexibility, and there are new technologies and solutions supporting this transition.

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## TECHNOLOGY GROUP SPONSORED WEBINAR PROGRAM (cont'd)

**February 13, 2019**

### **Delivering the promises of 5G with M-CORD**

Led by: **Stéphane Téral**, Executive Director – Research and Analysis, Mobile Infrastructure & Carrier Economics  
**Sponsorship opportunity available** Mobile central office re-architected as a data center (M-CORD) is an initiative tied to the inevitable and fast-approaching implementation of 5G. This core network is uniquely equipped to offer features that current mobile core architectures cannot. Find out what M-CORD offers and why it is helping deliver the promise of 5G.

**February 14, 2019**

### **Creating reliable revenue streams in the industrial IoT**

Led by: **Alex West**, Principal Analyst, Manufacturing Technology

#### **Sponsorship opportunity available**

IIoT is a hot topic and many test projects are underway. The industry knows IIoT is a good idea and companies are finding many ways to implement transformative technology to create greater efficiency and smarter processes. Yet many companies struggle in monetizing their IIoT efforts. This webinar will present successful business models for monetizing IIoT, applications that are generating revenue streams, and strategies for sharing revenues across a partner ecosystem.

**March 5, 2019**

### **Data protection in the multi-cloud: enabling secure, easier, and more affordable solutions**

Led by: **Dennis Hahn**, Senior Analyst, Cloud & Data Center

#### **Sponsorship opportunity available**

By leveraging the multi-cloud, sensitive enterprise data can be better protected than ever before and at lower costs. In addition to providing a safe offsite data repository, cloud also provides an affordable and more secure alternative to restore operations post disaster. This webinar explores options, features, and strategies for a multi-cloud approach, plus a full understanding of why this approach is necessary in our digital world.

**March 13, 2019**

### **Are you ready for video surveillance as a service?**

Led by: **Jon Cropley**, Principal Analyst, Video Surveillance

#### **Sponsorship opportunity available**

VSaaS is taking off, and the market for video surveillance equipment is transforming. This webinar will take a deep dive into the VSaaS market, with insights into successful adoption and expansion, opportunities and challenges in VSaaS versus the status quo, and the many factors that affect future market growth.

**March 20, 2019**

### **AI, machine learning, behavioral analysis and blockchain: The next generation of cybersecurity**

Led by: **Jeff Wilson**, Research Director, Cybersecurity Technology

#### **Sponsorship opportunity available**

Companies are exploring how next gen technologies and how they will improve threat detection and mitigation strategies. On this webinar we look at how they work, where you might already have them in your environment, and how to effectively apply them.

**March 27, 2019**

### **Approaches to Solving Network Slicing Before 5G**

Led by: **Michael Howard**, Senior Research Director and Advisor, Carrier Networks

#### **Presented by IHS Markit and ECI / 2 sponsor positions available**

Though not a new concept, network slicing is up against a number of challenges in the age of 5G. This webinar will discuss these challenges and associated implications, plus explore the latest technologies and solutions for operators and vendors looking to understand what's here and what's next.

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## TECHNOLOGY GROUP SPONSORED WEBINAR PROGRAM (cont'd)

**March 28, 2019**

### **802.11ax - What You Need to Know Now**

Led by: **Matthias Machowinski**, Research Director, Enterprise Networks and Video

#### **Sponsorship opportunity available**

The new Wi-Fi standard known as 802.11ax—building on the current 802.11ac—promises much-faster speeds and big enhancements to wireless network performance. What should network managers do to prepare for its scheduled rollout in 2018, and what will be the effect of 802.11ax on important issues like network design? Get the critical insights you need and find out more in our instructive webinar.

**March 28, 2019**

### **Industrial IoT platforms drive Industry 4.0**

Led by: **Sam Lucero**, Senior Principal Analyst, IoT Platforms

#### **Sponsorship opportunity available**

Industry 4.0 is here, and it's being driven by industrial IoT platform models, data analytics, robotics, and additive manufacturing. Discover the industrial IoT platform vendor landscape, tech trends, and how companies can optimize their systems in the face of this shift.

**April 10, 2019**

### **LPWA technologies in IoT asset tracking solutions**

Led by: **Christian Kim**, Senior Analyst, IoT & Connectivity

#### **Sponsorship opportunity available**

Which LPWA technology is the best-fit for your asset tracking applications? This webinar will explore the booming market if IoT asset tracking solutions for a range of use cases and market segments. An expert panel will detail the market status and outlook, a range of use cases and best practices, supporting LPWA technologies, and a pro/con assessment of the many available options.

**April 16, 2019**

### **High performance compute (HPC) – Options for efficient and economic deployment**

Led by: **Elizabeth Cruz**, Senior Analyst, Data Centers, Cloud & IT Infrastructure

#### **Sponsorship opportunity available**

Most enterprise data centers are not equipped to handle the increased workload and cooling requirements that come with high performance compute (HPC). This webinar will discuss associated benefits and implementation strategies for companies turning to colocation providers to meet this increased need, especially when the needs are unique and require a tailored solution.

**April 17, 2019**

### **Data center optics market update: a look ahead**

Led by: **Heidi Adams**, Senior Research Director, Transport Networks

#### **Sponsorship opportunity available**

The data center optics market has become increasingly fragmented and challenging to navigate because of escalating bandwidth requirements plus more efficient operating requirements. This webinar will detail the wide range of solutions proposed by the industry to mitigate these increased demands and will include a data center optics market outlook.

**April 17, 2019**

### **Quantum networking: A novel art of transmitting zeroes and ones**

Led by: **Stéphane Téral**, Executive Director – Research and Analysis, Mobile Infrastructure & Carrier Economics

#### **Sponsorship opportunity available**

Quantum computing and networking is a disruptive innovation that is necessary when networks demand faster performance. This technology is contributing to the realization of the 5G infrastructure, yet it is not without challenges. Discover the art behind quantum networking, its current state of development, advantages in the marketplace, and the anticipated challenges along the way.

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## TECHNOLOGY GROUP SPONSORED WEBINAR PROGRAM (cont'd)

**April 18, 2019**

### **The 5G revolution: fixed wireless, broadband, and the home network**

Led by: **John Kendall**, Associate Director – Research and Analysis, Service Provider Technology

#### **Sponsorship opportunity available**

Fixed wireless access continues to be a hot topic in both the access and home networking space. This webinar will explore the expected implementation timeline, how 5G affects fixed wireless and broadband, and how vendors can successfully work towards a complete solution.

**April 23, 2019**

### **New Ways to Assure NFV Services**

Led by: **Michael Howard**, Senior Research Director and Advisor, Carrier Networks

#### **Sponsorship opportunity available**

While making it all work seamlessly can be a challenge, yet another obstacle is that software licensing models vary by vendor. Moreover, the NFV orchestration environment for each use case can involve its own multi-vendor license stack, compounding the difficulty. Innovative solutions will be key to resolving the license stack problem, and a clear understanding of vendor models and offerings is likewise needed.

**April 24, 2019**

### **Signaling in a 5G world**

Led by: **Diane Myers**, Senior Research Director, VoIP, UC and IMS

#### **Sponsorship opportunity available**

Operators are just beginning to deploy 5G for the core network, and what this means for the signaling network is highly critical. This webinar will explore the shift from diameter signaling to HTTP2.

**April 30, 2019**

### **5G backhaul for network density**

Led by: **Richard Webb**, Director – Research and Analysis, Service Provider Technology

#### **Sponsorship opportunity available**

eMBB services will be a key 5G deployment driver for most mobile operators. Delivering eMBB will require denser networks than ever before: a concentration of radio end points that will in turn require an evolution of the mobile backhaul/fronthaul network that must also integrate with existing LTE and wireless networks. Getting this right is vital to the success of eMBB and the 5G revolution.

**May 1, 2019**

### **Buffering: the key to a great live stream experience**

Led by: **Merrick Kingston**, Associate Director, Research & Analysis, Digital Media & Video Technology

#### **Sponsorship opportunity available**

Live streaming doesn't have to be a nightmare, and there is a way to reliably stream to a mass audience while also avoiding the fixed costs of over-resourcing. The highly competitive streaming solutions industry is finding a way to deliver live stream without the failures of the past, and this webinar unpacks the many factors that can lead to a robust and dependable live stream experience.

**May 9, 2019**

### **Cybersecurity and the IoT**

Led by: **Sam Lucero**, Senior Principal Analyst, IoT Platforms

#### **Sponsorship opportunity available**

What role can IoT platforms play in enhancing IoT cybersecurity? This complex challenge carries significant risk, and IoT platforms can play a crucial role in ensuring cybersecurity for IoT deployments. This webinar will explore the risks, the overall market and vendor landscape, and key strategies for risk mitigation in the context of the IoT.

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## TECHNOLOGY GROUP SPONSORED WEBINAR PROGRAM (cont'd)

**May 21, 2019**

### **A new look at TDM transformation for legacy SONET/SDH networks**

Led by: **Heidi Adams**, Senior Research Director, Transport Networks

**Sponsorship opportunity available**

Faced with a wide range of modern networking services, many operators are evaluating what it will take to migrate legacy TDM customers to newer services and networks. This webinar will detail new solutions that can facilitate TDM transformation for a base of customers who deserve a clear, fully formed path ahead.

**May 22, 2019**

### **Advanced security solutions for enterprise IoT**

Led by: **Jeff Wilson**, Research Director, Cybersecurity Technology

**Sponsorship opportunity available**

Enterprise IoT networks are evolving rapidly resulting in a need for companies to update internal security solutions protecting devices in use today while building a foundation for the unknown risks of the future. Learn how to leverage existing and new security solutions as users adopt more sophisticated, yet vulnerable, IoT components.

**June 4, 2019**

### **Leveraging NFV to future-proof for network density**

Led by: **Richard Webb**, Research Director, Mobile Backhaul and Small Cells

**Sponsorship opportunity available**

Deft handling and management of heterogeneous networks likely to become denser over time means making sure environments are flexible and scalable. This is where NFV can play a role, supplanting traditional methods of offloading traffic in order to make networks more agile and supple.

**June 19, 2019**

### **Does the future of TV belong to Google?**

Led by: **Merrick Kingston**, Associate Director, Research & Analysis, Digital Media & Video Technology

**Sponsorship opportunity available**

Android TV's sudden arrival has upended the pay TV ecosystem, and is forcing vendors and operators alike to respond. This webinar explores the threats and opportunities that Android TV presents to incumbent TV technology firms, new market entrants, and service providers. Where does opportunity lie? Who's feeling the squeeze? Is Google the inevitable leader in the TV software market's long run?

**TBD Timing - Sponsorship opportunity available**

### **Exposing the cost-tradeoffs of cloud-native NFV**

Led by: **Michael Howard**, Senior Research Director and Advisor, Carrier Networks

As operators explore going from hardware network function to software-only virtualized network functions, the long-term view is to eventually run software in a cloud environment. This is also known as cloud-native NFV, with each step from hardware to full cloud-native more optimized than the last.

### **Optical switching and next-gen ROADMs**

Led by: **Heidi Adams**, Senior Research Director, Transport Networks

As ROADM technology evolves and has become a fixture in optical networks, many questions and options have surfaced. This webinar will explore the ROADM market, with an expert look at the future evolution of the technology and the possibilities that are unfolding now and in the near-term for optical switching and ROADM.

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## TECHNOLOGY GROUP SPONSORED WEBINAR PROGRAM

### TBD Timing

#### High-performance compute silicon for AI to be available in every server?

Led by: **Cliff Grossner**, PhD, Senior Research Director & Advisor, Cloud & Data Center Research Practice

With the growing focus throughout technology on harnessing the power of artificial intelligence (AI) and machine learning (ML), the battle is on to deliver high-performance computing for AI. And for large-scale cloud service providers, fresh service offerings that accelerate AI and ML are being launched that to advantage of the new developments.

#### Who has the power: better decision-making for data center infrastructure

Led by: **Maggie Shillington**, Analyst, Cloud & Data Centers

Discover how facility managers and IT managers can work together to reduce opex and capex through data center power architectures. Through early-stage planning, the data center design can support both the facility needs and IT needs, enabling a long-term solution for both cost reduction and long life cycle.

#### Data centers: "Prosumers" of the future?

Led by: **Lucas Beran**, Analyst, Data Center Infrastructure

Data centers are major power consumers and potential "prosumers" with the ability to also produce energy. Discover how forward-thinking systems design and creative use of backup energy storage like lithium-ion batteries and generators could positively impact the grid.

#### Leveraging millimeter wave for 5G fixed-wireless access networks

Led by: **Richard Webb**, Research Director, Mobile Backhaul and Small Cells

Millimeter wave (mmW) could be a prime candidate for 5G fixed-wireless access networks in light of the large amounts of spectrum available for utilization. But while offering high capacity, mmW has challenges when it comes to propagation and range. A viable solution must take into consideration the architectural options for mmW in 5G networks and possible alternatives, along with latency issues and mmW suitability for cost-effective deployment and use in service models.

#### Smart city platforms: driving successful implementations

Led by: **Sam Lucero**, Senior Principal Analyst, IoT Platforms

Smart city technology is driven by the successful integration of diverse data and stakeholders through industry-specific platforms. This webinar will look at smart city platforms in depth and how they are driving the success of hyper-connected municipalities.

#### Breaking IoT silos with data exchanges

Led by: **Sam Lucero**, Senior Principal Analyst, IoT Platforms

What we call the Internet of Things (IoT) is most often an Intranet of Things in practice. This webinar will explore the data exchange platform vendor landscape and how the technology can mature so that a true IoT is more accessible.

#### AI and machine learning for IoT big data

Led by: **Sam Lucero**, Senior Principal Analyst, IoT Platforms

AI and machine learning are transforming all industries, and will have significant impact on the IoT market and the large amounts of data generated by IoT systems. This webinar will take a deep look into how AI can be effectively integrated into an IoT solution and the impact of that industry trend.

#### Strategies for Securing IoT in the Enterprise

Led by: **Julian Watson**, Senior Principal Analyst, IoT

Enterprises confront many security and privacy vulnerabilities as industrial devices become increasingly connected. Hear the latest IoT growth trends, and discover strategies for locking down IoT at the edge.

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## TECHNOLOGY GROUP SPONSORED WEBINAR PROGRAM

### TBD Timing

#### **Can machine learning solve IoT's big data problem?**

Led by: **Julian Watson**, Senior Principal Analyst, IoT

The opportunities for IoT are huge, but effectively utilizing the vast quantities of data generated by IoT devices poses a challenge and limits IoT potential for applications like predictive analytics. To this end, machine learning offers a compelling tool and solution that could help enterprises, service providers and manufacturers sort through vast reams of data and improve real-time performance.

#### **Supply chain and the IoT: how connectivity is tackling old challenges in a new way**

Led by: **Julian Watson**, Senior Principal Analyst, IoT

The IoT is transforming business models in every industry, and it is no different for the supply chain. Complexity in the supply chain introduces challenges that range from damaged goods to late arrivals and incorrect deliveries; this webinar will detail how IoT can mitigate those challenges. Additionally, supply chain and IoT experts will outline steps to building a supply chain connectivity business case, and best practices in addressing common pain points.

#### **Which emerging Wi-Fi standard will drive gigabit applications for IoT?**

Led by: **Yogita Kanesin**, Senior Analyst, IoT Connectivity

As more devices become Wi-Fi enabled and link up to the IoT, a new standard could be the answer to managing multiple Wi-Fi connections. The candidate standards include 802.11ac Wave2, 802.11ad, 802.11ah and 802.11ax.

#### **Integrating DDoS mitigation into your overall security architecture**

Led by: **Jeff Wilson**, Research Director, Cybersecurity Technology

DDoS mitigation controls have always been separate, and companies need to start integrating them now. An expert panel will explore why DDoS mitigation technology must be integrated into the greater threat mitigation infrastructure, the tools and processes available for the task, how to evaluate those tools and processes, and how to spot blended attacks that use DDoS as a smokescreen.

#### **Security and DevOps: moving security to the left**

Led by: **Jeff Wilson**, Research Director, Cybersecurity Technology

Enterprises are embracing a DevOps model for building applications, but this has serious security implications and requires new tools and practices. This webinar will detail the relationship between DevOps and security technology integration—a concept that comes with a set of pros and cons, best practices, and lessons learned.

#### **Licensed mobile radio (LMR): here to stay and thrive**

Led by: **Ryan Darrand**, Senior Analyst II, Critical Communications

Despite the rise of 5G, licensed mobile radio (LMR) is expected to continue a sustained growth for the foreseeable future. This webinar will detail the use cases and ROI predictions for the LMR market, which shows no sign of slowing down even as more sophisticated communication technologies emerge.

#### **Artificial intelligence (AI) deep-learning analytics in security**

Led by: **Oliver Philippou**, Senior Analyst, Video Surveillance

Artificial Intelligence (AI) deep-learning analytics are poised to revolutionize the video analytics industry with more sophisticated algorithms that can function in complex, real-world scenarios with greater accuracy and reliability. Discover the current state of the video analytics market and the capabilities of AI deep-learning now and in the future.

#### **FirstNet: A driver of critical communications LTE revenues**

Led by: **Jesus Gonzalez**, Analyst II, Critical Communications

The United States will soon receive FirstNet, a nationwide public safety wireless LTE network for first responders. The benefits and potential market for the FirstNet's many components will have a significant impact on multiple industries. Discover how it will influence other markets and what that means for the larger marketplace.

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### TBD Timing

#### **The future of mission critical LTE networks**

Led by: **Jesus Gonzalez**, Analyst II, Critical Communications

What is next for private and commercial mission-critical LTE Networks? This webinar will detail successful current deployment models and will explore the different deployment models that will emerge for future markets as the appetite for greater bandwidth, faster response, and digital adoption only grows.

#### **Analytics revolution: The promise and pitfalls of data-driven media distribution**

Led by: **Merrick Kingston**, Associate Director, Research & Analysis, Digital Media & Video Technology

There is an analytics revolution coming, and we will discuss what you need to know about how service providers and media organizations are achieving a single, integrated view of their customers and their operations through predictive business intelligence.

#### **Forensic watermarking: The new norm to fight video piracy?**

Led by: **Merrick Kingston**, Associate Director, Research & Analysis, Digital Media & Video Technology

As the copying and distribution of copyrighted video—an illegal act—becomes easier than ever thanks to high-speed internet, premium video distributors need new anti-piracy tools to fight back and protect revenue. Does the answer lie in forensic watermarking? This webinar provides an informative overview of an increasingly popular and well-liked mechanism, including a discussion of the technology's benefits, key considerations during implementation, and successful applications and use cases.

#### **Reducing the Cost of Video Processing for Broadcasters**

Led by: **Przemek Bozek**, Associate Director – Research and Analysis, Service Provider Technology

Broadcasters face many options for their video processing and, it is difficult to understand what solution is best and will deliver the most efficiencies. This webinar will explore enhanced video processing methods and the associated benefits for broadcasters.

#### **Satellite multicasting and hybrid networks: Unlocking the potential of data transmission**

Led by: **Przemek Bozek**, Associate Director – Research and Analysis, Service Provider Technology

What is satellite multicasting and how can it improve the transmission of large amounts of data? Why are we seeing an uptick in hybrid terrestrial-and-satellite networks? Discover the benefits of satellite broadcasting and which applications are best served by this technology and by the hybrid network solution.

#### **The challenging landscape of IP delivery: build your own CDN?**

Led by: **Przemek Bozek**, Associate Director – Research and Analysis, Service Provider Technology

Should you continue to invest in third-party IP delivery or is it time to build your own CDN architecture? There is no one-size-fits-all solution. This webinar will explore the pros and cons for each, with common challenges and a deep look into each solution's associated options.

#### **Speak up and be served: The voice input experience**

Led By: **Paul Erickson**, Senior Research Analyst, Service Provider Technology

Cloud-enabled voice search is now a fully viable alternative to searching for content with a clumsy physical remote, and consumers want it. Yet consumers are faced with more options than ever before, and it is therefore crucial to understand how best to get them to the content they want quickly and easily through voice search. This webinar will explore lessons learned, case studies, best practices, opportunities, limitations, and the future of the voice input experience.

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#### **How Android TV is changing the pay-TV set-top box market**

Led By: **Paul Erickson**, Senior Research Analyst, Service Provider Technology

Android TV is disrupting pay-TV's traditional set-top box status quo, and brings many advantages including superior middleware options. Yet there remain challenges in this disruption, even as Android TV gains in popularity. This webinar will explore the challenges and opportunities in the pay-TV set-top box market as Android steadily gains traction with today's consumer expectations.

#### **Green data centers: A new era**

Led by: **Camron Barati**, Analyst, North America Solar

As data centers increasingly turn to renewable energy to meet sustainability and climate initiatives, important and questions and considerations remain. For instance, what is the track record of success of early adopters ? And how viable are the renewable solutions and options that are currently available? Find out more from this instructive webinar.

#### **Market synergies between energy storage and electric vehicles**

Led by: **Sam Wilkinson**, Associate Director, Solar & Energy Storage

Energy storage and electric vehicle markets are helping each other grow, as technology continues to increase the commercial appeal and cost efficiency of both. This webinar will discuss how these two industries will effectively capitalize on synergies in order to accelerate the adoption of both technologies.

#### **Automation and transformational tech in the electronics industry**

Led by: **Wilmer Zhou**, Senior Analyst, Manufacturing Technology

The electronics industry is pivoting from product-based to solutions-based, transformed by the IoT, AI, blockchain, and other rapid technology advancements. This webinar will focus on the electronics industry and how it is shifting, and how that shift is influencing how companies position themselves in the market and the impact of digital disruption.

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