



Accedian Monitoring Solution Applied to SK Telecom's Network to Assure End-to-End Performance

SK Telecom realizes complete QoS visibility across multi-vendor mobile network with most advanced, industry-standards-based performance indicators from Accedian platform.

Shanghai, Mobile World Congress – July 15, 2015 – [Accedian Networks](#), the Performance Assurance Solution Specialist, today announced the deployment of its market leading performance monitoring solution across the [SK Telecom](#) (NYSE:SKM) mobile network -- encompassing 12,000 locations across the six largest cities in South Korea, with plans to extend coverage to all sites serving over 28 million subscribers nationwide. The deployment is key to SK Telecom's commitment to optimizing performance using standards-based performance monitoring indicators as they migrate towards the intelligent, SDN-controlled networks that will deliver 5G mobile technology.

Accedian's virtualized solutions collect precise network performance indicators in real time from SK Telecom's existing network infrastructure, as well as from Accedian's NFV-based (network function virtualization) performance assurance modules. The solution is also in use by over 100 Accedian customers in 35 countries, with a well-established history of delivering the most granular, open network metrics in real-time.

SK Telecom operates a sophisticated multi-vendor network, ensuring each supports the RFC-5357 two way active measurement protocol (TWAMP), a vendor-independent, global performance monitoring standard. Accedian's centralized monitoring solution acts as a uniform instrumentation layer, centralizing a real-time view of network performance throughout the network. Where access equipment lacks TWAMP standards support, SK Telecom installs Accedian's Nano smart SFP modules to ensure ubiquitous network coverage from end-to-end.

With the Accedian solution, SK Telecom improves network performance by:

- Ensuring service performance standards using key KPIs that can proactively mitigate risks to customer experience proactively
- Detecting traffic bursts and optimizing their LTE network to reduce Quality of Service (QoS) impact
- Locating bottlenecks for improved overall capacity
- Identifying and correcting any network mis-configurations immediately
- Optimizing fault failover to eliminate service downtime and improve network quality

Having this real-time stream of Quality of Experience (QoE) metrics integrated with SK Telecom's own performance assurance network management system (NMS) and SDN controllers allows them to optimize end-to-end user experience with performance trending and proactive fault management. Direct reporting to operational and business support systems (OSS/BSS) allows all regions in the SK Telecom network to monitor performance, 24/7.

“At SK Telecom, best-possible quality of customer service and experience is at the heart of our reputation and our business,” stated Choi, Seung-won, Senior Vice President and Head of Network Solution Office, SK Telecom. “Partnering with Accedian helps us ensure the highest levels of QoS and QoE, which is particularly important as we continue to extend our network towards 5G, and to expand coverage with small cells, making the need for 24x7 end to end network visibility critical. Accedian’s performance monitoring solutions make this possible. SK Telecom selected Accedian’s TWAMP performance assurance solution specifically as the quality indicator and standard for LTE business-to-business networks.”

“SK Telecom is a premier example of a mobile service provider pushing network performance and technology to the limit,” stated Accedian Founder, President, and CEO, Patrick Ostiguy. “They are early adopters and innovators, and their efforts result in the extremely high levels of service and experience quality their customers have come to expect. Accedian is honored to help support their performance assurance objectives through our comprehensive solutions, built with providers like SK Telecom in mind.”

Assuring LTE & small cell backhaul, SLA-backed business services, financial WANs, data center interconnect, service provider SDN optimization, and more, Accedian’s solutions offer per-flow measurements with unrivaled, microsecond precision; ultra-granular sub-second sampling; and sync-free one-way results. This gives service providers like SK Telecom the end-to-end network visibility required to optimize and assure services as their offerings scale and evolve, with programmable hardware, automation, and reporting platforms that grow along with them.

About Accedian Networks

Accedian Networks® is the Performance Assurance Solution Specialist for mobile networks and enterprise-to-data center connectivity. Open, multi-vendor interoperable and programmable solutions go beyond standard-based performance assurance to deliver Network State+™, the most complete view of network health. Automated service activation testing and real-time performance monitoring feature unrivalled precision and granularity, while H-QoS traffic conditioning optimizes service performance. Since 2005, Accedian has delivered platforms assuring hundreds of thousands of cell sites globally. www.Accedian.com Twitter: [@Accedian](https://twitter.com/Accedian)

About SK Telecom

SK Telecom (NYSE: SKM, KSE: 017670), established in 1984, is Korea’s largest telecommunications company with more than 28 million mobile subscribers, accounting for around 50% of the market. The company reached KRW 17.164 trillion in revenue in 2014. As the world’s first company to commercialize CDMA, CDMA 2000 1x, CDMA EV-DO and HSDPA networks, SK Telecom launched the nation’s first LTE service in July 2011. SK Telecom also became the world’s first mobile carrier to commercialize 150Mbps LTE-Advanced in June 2013 and 225Mbps LTE-Advanced in June 2014 through Carrier Aggregation(CA). In line with its efforts to swiftly move towards the next-generation mobile network system, or 5G, it successfully commercialized 300Mbps tri-band LTE-A CA. As of the end of March 2015, the company has over 17.4 million LTE and LTE-Advanced subscribers. Based on its strength in network operations business, SK Telecom is seeking new growth engines through three innovative platforms namely Lifestyle Enhancement Platform, Advanced Media Platform and IoT Service Platform. For more information, please visit www.sktelecom.com or email to press@sktelecom.com.

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