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**MSF Interoperability Event Included Stoke Security eXchange To Prove IPsec Is Capable Of Handling The Most Sensitive Of Mobile Services**  
***Stoke Successfully Identified The Need To Include Secure End-To-End LTE Communications In VoLTE Interoperability Testing In The MultiService Forum***

**SANTA CLARA, Calif. — October 4, 2011** — Mobile broadband developer [Stoke](#), Inc. participated in the VoLTE (Voice over LTE) Interoperability test event organized by the [MultiService Forum \(MSF\)](#) and backed by the [GSMA](#), on September 12-30, 2011. Stoke's Security eXchange, a standalone high performance gateway, was part of the interoperability event hosted at the Vodafone Centre for Test and Innovation located in Dusseldorf. Stoke contributed in building and validating practical LTE network use cases such as secure association and encryption of VoLTE traffic from the radio access network to the evolved packet core, followed by recommendations for deployment scenarios.

The event focused on validating the GSMA's technical recommendations for IMS-based VoLTE, and establishing best practices for VoLTE deployment strategies for LTE/EPC/IMS technology. Stoke contributed to development of IOT test scenarios related to the scalable encrypted communications function, a likely requirement in planned heterogeneous LTE network deployments. This was accepted as a component of the VoLTE interoperability event, and Stoke continues to be active in defining the required amendments to LTE architecture and the definition of the interface specification itself.

"We are excited to be part of the MSF's efforts in applying the industry standards set by 3GPP to actual use cases, leveraging our ground-breaking experience from live deployments," said Dave Williams, CTO at Stoke. "As a leader in the field of LTE security solutions we are seeing a growing industry focus on this key requirement, which is a prescribed aspect of 3GPP mobile architectures, and we are very pleased to have successfully contributed to this aspect of the MSF testing."

Late-stage startup Stoke is taking an increasingly prominent role in building awareness of the importance of scalable encryption solutions for LTE communications, particularly in small cell deployments where traffic backhaul services cannot always be 'trusted'. Williams added, "Through the MSF testing, our goal was to prove to mobile operators that, with the right standalone platform, IPsec imparts no additional system latency or throughput performance penalty, and ensures subscriber, network and services integrity."

"We're pleased to welcome Stoke to the MultiService Forum," stated Kyu-Ouk Lee, MSF

President. "The knowledge, experience, and enthusiasm that Stoke brings to the MSF is making a valuable contribution to our ongoing interoperability program, and we welcome its contribution."

Stoke's Security eXchange encrypts user and control plane traffic between LTE base station (eNodeB) devices and the core network at line rate, with no impact on throughput or performance quality. The Security eXchange allows operators to mitigate the strategic risks inherent in deploying all-IP LTE networks and improves their ability to scale their networks to accommodate growth in traffic and eNodeBs.

The MSF VoLTE Interoperability event was hosted by Vodafone and China Mobile in the Vodafone Centre for Test and Innovation in Dusseldorf and in the China Mobile Research Institute Lab in Beijing.

#### **About the MultiService Forum**

The MultiService Forum ([www.msforum.org](http://www.msforum.org)) is a global association of service providers, systems suppliers and test equipment vendors committed to developing and promoting open-architecture, multiservice Next Generation Networks. Founded in 1998, the MSF is an open-membership organization comprised of the world's leading telecommunications companies. The MSF's activities include developing Implementation Agreements, promoting worldwide compatibility and interoperability of network elements, and encouraging input to appropriate national and international standards bodies.

#### **About VoLTE IOT Event 2011**

The MSF hosted the VoLTE IOT 2011 Event in the Vodafone Centre for Test and Innovation in Dusseldorf and the China Mobile Research Institute Lab in Beijing in September 2011. The event is backed by the GSMA following the launch of its global VoLTE initiative in 2010, which is supported by more than 40 leading organizations in the mobile space. The event built on the major success of the previous Global MSF LTE Interoperability Event that took place during March 2010 and reflects the industry's drive to continue to deliver major carrier driven events that benefit all its members in their quest to keep pace with an ever faster moving industry. The MSF VoLTE Interoperability test event focused on validating core network interfaces to ensure multi-vendor deployment strategies for LTE technology and will validate the MSF physical scenarios developed to incorporate 3GPP LTE/EPC technology and the GSMA's technical recommendations, focusing on Voice over LTE, with the support of China Mobile and Vodafone. <http://www.msforum.org/interoperability/VoLTE.shtml>

#### **About Stoke, Inc.**

Stoke is the mobile industry's only transformation platform, delivering future-focused thinking and solutions for 3G and 4G mobile broadband infrastructures. Stoke enables mobile operators, through the application of Business-Crossover™ thinking, to overcome limitations inherent in legacy approaches and architectures, helping them tackle the new realities of 3G mobile data service delivery today and successfully navigate their transition to 4G services platforms tomorrow. For more information, visit [www.stoke.com](http://www.stoke.com).