

# Armour Comms adds to family of secure mobile comms solutions with SigNet by Armour

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Market leading Mobile Comms security company previews new product line with 256 bit encryption at DSEI 2019

London, UK - Armour Comms, the leading provider of specialist, secure communications solutions, is to preview a brand new product line at DSEI in September. The new solution, SigNet by Armour, provides secure voice, video, messaging, group chat, file attachments and MessageBurn (timed messages) with AES-256 bit encryption, with an on-premises option for total privacy and no auditability. SigNet by Armour provides the same ease of use as consumer grade apps, and will be available for Android and iOS devices and for use with Windows 10 and Mac OSX desktops. This new product line will run concurrently with Armour Mobile.

David Holman, Director at Armour Comms commented; "SigNet by Armour has been designed for use by organisations, typically in non-regulated industries, that require absolute privacy where it is paramount to keep information completely controlled. For this reason it is based on a different technology architecture to our award-winning Armour Mobile. Going forward we expect to develop the two product lines in parallel, with customers selecting the technology and features that best suit their specific requirements."

SigNet by Armour will be available as a Software as a Service (SaaS) product hosted on Armour's secure cloud, or as an on-premises installation, and uses a peer-to-peer key management system. It uses the double ratchet algorithm with prekeys and 3-DH key management to provide confidentiality, integrity, authentication, participant consistency, destination validation, forward secrecy, backward secrecy (aka future secrecy), causality preservation, message unlinkability, message repudiation, participation repudiation, and asynchronicity.

SigNet by Armour can be seen at Defence & Security Equipment International,

10 – 13 September 2019, ExCeL, London,  
Stand No: N7-260

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## NOTES TO EDITORS

### About Armour Comms

Armour Communications Limited is a UK based company supplying market leading technology for secure communication via 3G, LTE (4G), Wi-Fi and satellite for voice, video, messaging and data on Android, iOS and Windows platforms. Armour Mobile also features in-built secure conferencing (audio and video) between multiple callers and Push to Talk capabilities designed for blue light services.

Armour Mobile is available as a Cloud or an On-Premises solution, and by using the optional Armour

Connect Gateway, integration to a customer's PBX and standard office desk phones is possible. With its focus on interoperability Armour Mobile was the first secure communications app to connect to Skype for Business using standard Cisco SIP-based technology, and Armour Desktop extends the secure mobile communications functionality of Armour Mobile and delivers it to organisations via a Windows 10 client.

Together Armour Mobile and Armour Desktop enable users inside and external to the organisation to communicate transparently within a secure and private environment, while taking advantage of the reduced costs and increased flexibility provided by Voice over IP corporate communications.

Armour solutions are FIPS, NATO and CPA approved up to OFFICIAL-SENSITIVE, with additional security layers to mitigate threats up to SECRET.

For more information please visit: Armour Comms (<http://www.armourcomms.com>)

Follow us on Twitter: (<https://twitter.com/ArmourComms>)

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