SigNet by Armour™ is now shipping

Armour Comms extends its family of secure mobile comms solutions for new markets with AES 256 bit encryption solution

LONDON, UNITED KINGDOM, August 11, 2020 /EINPresswire.com/ -- Armour Comms, the leading provider of specialist, secure communications solutions, has today announced the general availability of its AES 256 bit encryption solution, SigNet by Armour. Originally previewed at DSEI 2019, SigNet provides secure voice, high resolution video, messaging, group chat, file attachments and Message Burn (self destructing messages). As with all Armour Comms solutions, SigNet provides the same ease of use associated with consumer apps, but with hardened security features, and is available for use on iOS and Android devices as well as Windows 10, Linux and Mac OSX desktops.

> SigNet by Armour has been designed for use by organisations, typically in unregulated industries, that require absolute privacy and is already in use by some of our customers"
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> *David Holman, Director, Armour Comms*

SigNet by Armour addresses some specific security requirements and as such will be sold alongside Armour Mobile. It has a range of built-in features ideal for mitigating security threats in an enterprise environment, such as;

•	peer to peer encryption, removing the need for a central key server;

•	files and attachments are kept within the app and 	therefore remain encrypted at all times, even when stored on the device;

•	no recording or auditability;

•	automatic alert sent to the sender of a message if a screenshot has been taken by the recipient;

•	centralised control of device access so only authorised users can connect to the secure communications service;

•	management of connectivity between users and groups to provide security segregation within the user space.

David Holman, Director at Armour Comms stated; "SigNet by Armour has been designed for use by organisations, typically in unregulated industries, that require absolute privacy, and is based

on different technology to our award winning Armour Mobile. For this reason the two product lines will run concurrently. SigNet is already in use by some of our customers, and we are delighted that we are now able to make it generally available."

Initially SigNet by Armour will be available as a Software as a Service (SaaS) product hosted on Armour's secure cloud, and later, as an on-premises installation. SigNet uses a peer-to-peer key management system based on 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.

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