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The Trusted Computing Company

Technology Brief

Mobile Security: Device Authentication and Health

As the corporate perimeter continues to vanish, smartphones, tablets and other mobile devices are making data available anytime and anywhere. Unfortunately, with greater access comes greater risk to data protection and data privacy. Your network endpoints may still be multiplying. Advanced Persistent Threats (APTs) may still be evolving. Yet, you're still accountable for ensuring the safety of all the critical business information and trade secrets that your organization is storing, accessing and sharing...out there.

Wave and Trusted Logic Mobility have teamed up to bring identity and health to mobile devices like smartphones and tablets. Using the Trusted Platform Module-Mobile (TPM-Mobile), defined by the Trusted Computing Group (TCG), organizations and cloud providers can now uniquely identify Android-based devices and monitor their health.

TPM-Mobile: An Industry-standard Solution

By using devices equipped with TPM-Mobile technology, organizations can ensure cross-platform compatibility across different device types and manufacturers, while providing essential security services to a wide range of mobile applications. When the device itself is the security, you don't need add-ons.

Trusted Environment

The TPM-Mobile runs inside a Trusted Execution Environment which is designed to run in the TrustZone environment of an ARM core processor. The TPM-Mobile is used to establish the identity of a device – ensuring that only devices you trust are attached to your networks and services.

Health Check: Device Integrity Assured

Our solution also checks the health of a device prior to granting it access to a network or cloud-based service—thus preventing virus and malware contaminated devices from infecting your organization.

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Wave Systems Corp.
480 Pleasant Street, Lee, MA 01238
(877) 228-WAVE · fax (413) 243-0045
www.wave.com

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