VEST - Vulnerability & Exploit Shield Trinity

Description
Software in mobile devices do not get updated regularly as their desktop peers. Unpatched software vulnerabilities accumulate over time and may become a huge security problem. With more people using mobile devices for managing both their official and private life, this situation creates both security and private risks.

VEST is an inline system for providing transparent protection to mobile devices with unpatched software vulnerabilities. VEST uses the vulnerability information from STAMP system and generates vulnerability patterns (VP) in real-time. VEST using the VPs and a lightweight scan engine, parses incoming communications (SMS, MMS and Email) for malformed payloads. The scan engine can be either on-device or in-network thereby providing multiple deployment models for various mobile platforms.

Features
- Supports on-device and in-network deployments
- Uses innovative vulnerability signatures instead of malware signatures
- Real time protection from unpatched software vulnerabilities

Applications
- Security service provided by Telco
- Complement anti-virus software
- Future-proof protection or OEMs

References
- Patent filing in process.

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