



**ShieldiT**

# ONE APP TO SHIELD THEM ALL

The revolutionary app that completely shields any smartphone from tapping and hacking.





# ONE APP TO SHIELD THEM ALL

Threats have become more sophisticated: multi points -multi devices communication and the rising of BYOD as a trend call for integrated architecture to deal with challenging ecosystems.

ASSAC NETWORKS presents a new holistic approach to organizational cyber security. ShieldiT- the complete anti hacking – anti tapping solution encapsulates various tactics and services working together to provide your business a seamless, most secured and open communication to perform its best.



## Tapping

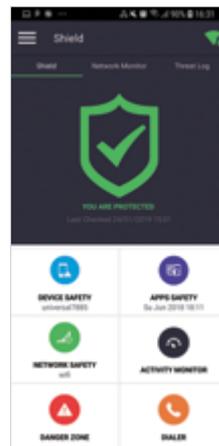
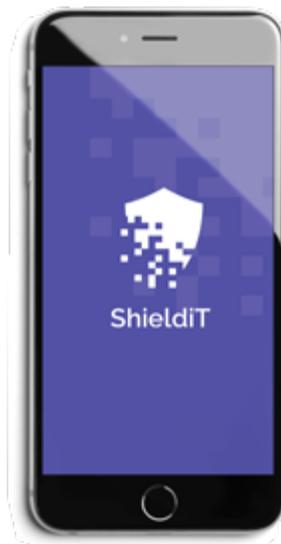
Protects against eavesdropping on voice and chat communication.



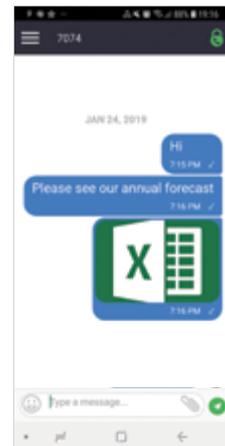
## Hacking

Secures any device against network or host attack for data theft, malicious app installation, or using BYOD devices as a gateway to the corporate network.

**ShieldiT** is a unified cyber protection application that takes smartphone cyber defense to the next level. Now, Android and iOS BYOD smartphones can be simply and seamlessly secured against all threats with military-grade protection.



Threat Management



Secure Messaging



Secure Calls

**ManageiT** is an intuitive, easy-to-use management dashboard that centrally controls all ShieldiT features:

- Voice and conference rooms
- Termination
- Chats and attachments
- CryptoShield activity and threat logs
- VPN
- Mitigation scales and measure
- Encryption key management



Voice and conference rooms



Termination (point to multi point communication)



Chats and attachments



CryptoShield activity and threat logs



VPN



Mitigation scales and measure



Encryption key management

# UNLOCK THE POWER OF COMMUNICATION

ShieldiT's secure dialer leverages today's most advanced security standard - using a Diffie Hellman 2048 bit public key agreement and exchanging a symmetric AES 256 bit key in each call. With ShieldiT, network access is always secure.

## Intuitive Communication and Protection for Android and iOS BYOD

Easy setup, intuitive usability, seamless operation - the ShieldiT dialer is used for both point-to-point and point-to-multipoint calls, ensuring ironclad network access security.

## Chat

ShieldiT includes a unique and state-of-the-art point-to-point secure chat, fully encrypted to prevent man in the middle attacks. Smartphone to smartphone authentication is full duplex, with no server intervention, and ShieldiT uses a symmetric 256 bit AES key for session encryption. Chat is fully managed via the ManageIT unified management platform.



# INDUSTRY-LEADING THREAT DETECTION AND PREVENTION

ShieldiT Anti-Hacking method is a unique threat defense mechanism, which runs in the background of the Dialer. When a threat to the smartphone is detected, ShieldiT alerts both the user and the manager via the ManageIT unified dashboard.

ShieldiT is a mobile intrusion prevention system. ShieldiT defends mobile devices against both network and host cyberattacks.

Developed specifically for mobile devices, ShieldiT secures enterprises from breaches in BYOD

environments with advanced threat detection against multiple attack vectors, including:

- **Spear phishing attacks (malicious URLs, PDF files)**
- **Malicious apps ("time bombs," self-modifying apps)**
- **Network traffic redirection attacks ("man-in-the-middle")**
- **SSL stripping techniques**
- **Rogue WiFi access points**
- **Rogue basestation/femtocell**
- **Reconnaissance scans**

The ShieldiT behavioral detection engine reside on the mobile device, and is an autonomous neural network that constantly correlates between network calls and system calls on the device. Any violation of this correlation is detected immediately, and the user and manager are alerted.

ShieldiT detects threats and prevents a compromised device from gaining access to the corporate network. This unique approach protects the end user's privacy and prevents the excessive battery drain that occurs when data is sent to the cloud. The global security intelligence produced by this mechanism fuels the Assac Networks Mobile Threat Defense Suite - enabling us to better monitor, detect and prevent cyberattacks that evade traditional security technologies.



The only solution that protects against both hacking and tapping threats in BYOD

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Military-grade technology now available to consumers

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Patented point to multi-point communications

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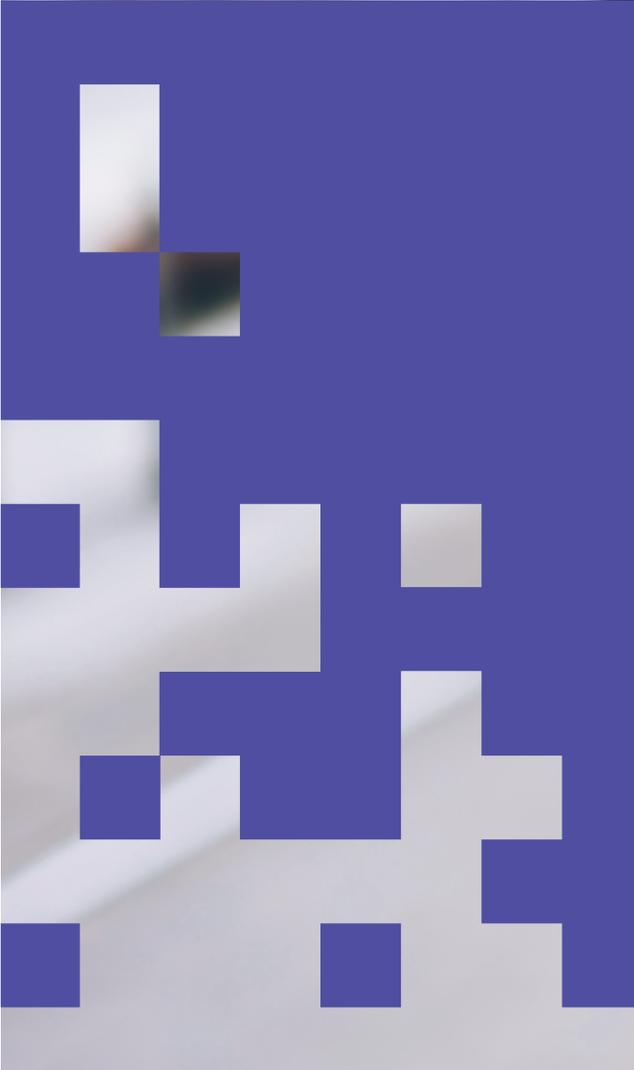
Autonomous machine learning enables independent Cyber protection

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Competitive price and straightforward operation



**Assac Networks**



[www.assacnetworks.com](http://www.assacnetworks.com)