LTI Mobile Threat Defense Service

![LTI logo — Let's Solve]

With increasing mobile device features and affordable connectivity, employees are demanding access to corporate data through mobile devices. This has led to a surge in leading mobile threat factors to target these devices with increasing sophistication. Many organizations aren't fully prepared for the security challenges posed by this scenario. As per market report, "By 2020, 30% of organizations will have Mobile Threat Defense (MTD) in place, an increase from less than 10% in 2017.Further, Mobile malware is expected to grow 440% in the next two years. By 2019, VDC expects mobile malware to account for approximately one-third of total malware that is reported in standard testing, up from 7.5 % today.

Mobile Technology-Attack Surface Area & Type

A mobile attack can involve the device layer, the network layer, the data center, or a combination of these. Inherent platform vulnerabilities and social engineering continue to pose major opportunities for cyber thieves, and thus significant challenges for those looking to protect the user data.

Mobile Security-Challenges

Today's enterprise IT managers are looking for ways to empower their workforces utilizing mobile devices for far more than email and texting. Employees require file sharing, access to corporate data, application downloads, anytime- anywhere.

Increase in the number of malware and phishing attacks on smartphones

Traditional antivirus solutions do not work on mobile

Little visibility into CVEs & CWE for OS vulnerabilities, patch-level details

Application threats- Malware, leaky apps & more

Network attacks- MiTM, Rouge Access Point

Detect device vulnerabilities

Protection against vulnerabilities, rootkits and Trojans, network and configuration- based attacks, that impose a security risk to a user's mobile device

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LTI Mobile Threat Defense (MTD) Platform- Features

Multi-Layered Threat Defense:
Protects mobile devices & high-value enterprise data from malware, network and OS-layer attacks.
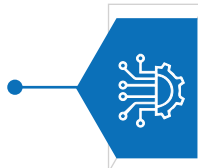
Real-Time Visibility & Intelligence:
Complete visibility into threats & risks across the enterprise through centralized management

Easy Deployment & Integration:
Can run standalone or integrate with existing EMM/MDM and SIEM solutions

Lightweight, Non-Disruptive:
Consumes only 5% battery and 1% of CPU. Runs in the background with a minimal footprint

"Always On" Protection:
Detection engine provides protection for both private & company data/resources 24/7

High Privacy:
Does not invade on user privacy and has no impact on the way users use their favorite apps & access data

Performance:
Detects far more mobile threats and locks down every major attack vector that leads to breach and fraud. Significant reduction in the organization's attack surface by 99.999%

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Some key benefits of LTI Mobile Threat Defense (MTD) Services

LTI's MTD service reduces the mobile security gap by providing real-time visibility, intelligence and robust security that can help proactively prevent attacks in real-time, before a data breach. Key highlights of the services cover:

Device-level Protection

Monitors system parameters, configuration, firmware and libraries to identify suspicious or malicious activity.

Network-level Protection

Monitor network traffic and disable suspicious connections to and from mobile devices.

App-level Protection

Identifies "leaky" apps (meaning apps that can put enterprise data at risk) and malicious apps, through reputation scanning and code analysis.

OS Vulnerabilities and Patch

Provides deep visibility into the OS vulnerabilities, including CVE number and CWE information in addition provides patch level details

App (Enterprise & Public apps) Vulnerabilities

Provides app vulnerabilities, performs Static, Dynamic, API and Behavior-based scanning, reports against OWASP & Compliance framework. In addition, deep scanning of enterprise apps to determine if the apps has characteristics of ransomware, phishing, Trojan/bot, adware, spyware, exploiter, evader, miner, etc. In addition, report network communications like contacted IPs, ports, protocols etc.
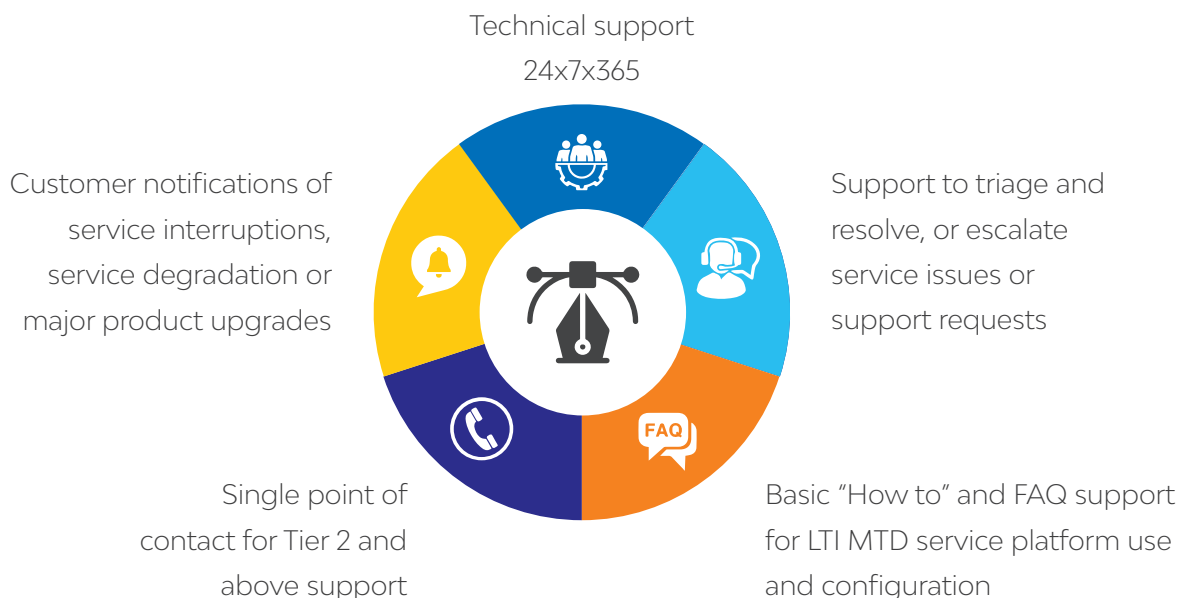
Service Onboarding

LTI provides onboarding services associated to Mobile Threat Defense. The solution will be hosted in the LTI Cloud environment.

24x7 Support Services

24x7 Technical Support Plan serves customers by performing the day-to-day administration of their LTI Mobile Threat Defense Service platform and for triage, technical support and FAQs. **It includes:**

Technical support
24x7x365

Customer notifications of service interruptions, service degradation or major product upgrades

Support to triage and resolve, or escalate service issues or support requests

Single point of contact for Tier 2 and above support

Basic "How to" and FAQ support for LTI MTD service platform use and configuration

Optional Services

- **Mobile App Scanning Services** against OWASP & Compliance framework

- **Deep Scanning** of Enterprise apps to determine if the apps has characteristics of ransomware, phishing, Trojan/bot, adware, spyware, exploiter, evader, miner, etc.

- **Advisory Services**- Enhance the current mobile security strategy

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