



Let's Solve

LTI Threat Deception Services



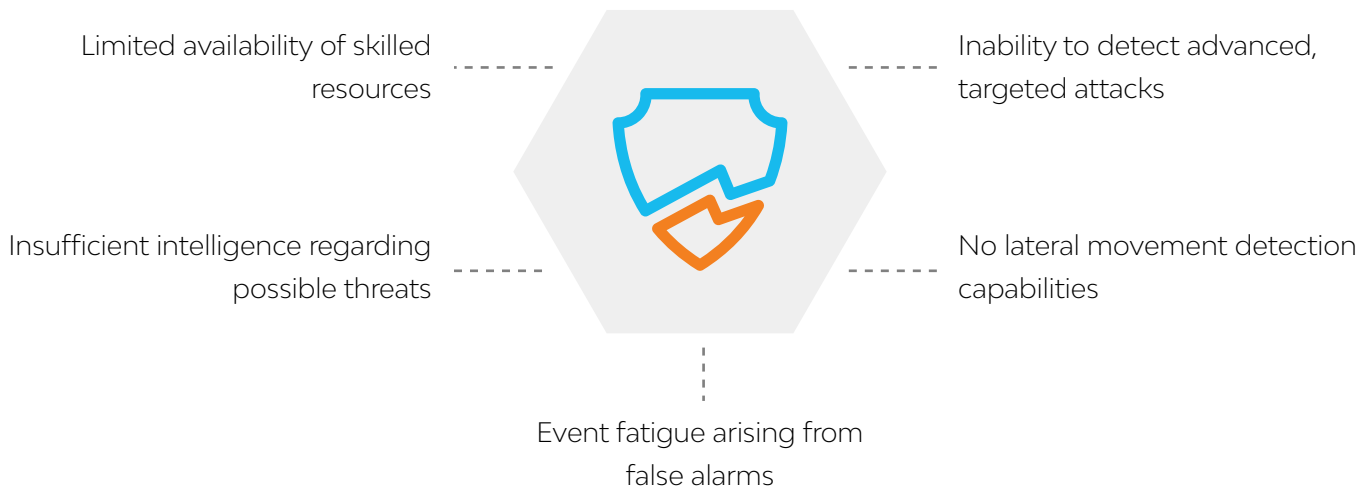
A Larsen & Toubro
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As hackers and attackers gather more intelligence by the day, they are focusing on mounting targeted attacks against traditional enterprise security solutions. Consequently, organizations with static defense strategies are increasingly becoming vulnerable to cyber attacks. Here are four key reasons why it is easy for hackers to breach defenses:

- Over 360,000 new types of malware are identified on a daily basis
- More than 85% of weekly security alerts received are false alarms
- Current defenses are not equipped to prevent penetration by attackers
- It's extremely difficult to detect intruders in time

Intelligent attacks are difficult to manage if enterprises stick to convention and restrict their defenses to strengthening existing security solutions. In the current scenario, organizations face multiple challenges including:



To overcome these challenges, organizations need an 'Active Defense' that will help them gain control and proactively avert attacks.

LTI Threat Deception Services

LTI's Threat Deception services create virtual 'pots of gold' as decoys across your network, drawing the stealthiest hackers away from real assets and enticing them into revealing themselves. Integrated with threat monitoring and hunting systems, these decoys are strategically placed to map out your internet facing infrastructure as low hanging fruits for hackers. This enables accurate discovery of attackers within the first phase of the kill-chain itself.





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Our Threat Monitoring and Hunting team at Cyber Defense Resiliency Center (CDRC) leverages deception based alerts to initiate immediate investigation. Deception service helps us to reduce the overall number of alerts, in turn enabling a continuous response mechanism that does not affect the performance of production systems. Moreover, the technology is not 'in-line' with legitimate systems, so it does not affect performance or cause downtime.

LTI's Threat Deception service suite is available through flexible deployment models, including hardware and virtual appliances, as well as public and private clouds.

Types of Decoys

Threat Intel Decoys: External facing and capable of detecting pre-attack reconnaissance. They generate alerts only on targeted attacks, not random Internet scans.

Threat Magnet Decoys: Dummy credentials inserted into end points sans agents. Lure hackers that are escalating privileges, direct them toward decoy systems, and trigger alerts when used.

Network Decoys: Mock work stations and servers running real services which mimic real database servers, Web applications, file shares and more.

Persona Decoys: Fake personas of high-value employees that are likely to be phished. Detect spear-phishing attacks, and forensically save email evidence.

File Decoys: Microsoft Office documents embedded with a tracker that can be placed on high-value target systems, and capable of raising a silent alarm when opened.





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LTI Threat Deception Approach



Benefits

Business Case	Business Benefits
Improved threat detection	Faster detection directly reduces incident costs.
Higher quality alerts	Reduced cost of triaging alerts, improved security team productivity.
Blind-spot reduction	Improved visibility into currently unmonitored areas, scales easily.
Faster detection time	Reduced average time to detect and remediate threats.
Low friction deployment	Easy to implement quickly without any production impact.

LTI (NSE: LTI, BSE: 540005) is a global technology consulting and digital solutions Company helping more than 300 clients succeed in a converging world. With operations in 30 countries, we go the extra mile for our clients and accelerate their digital transformation with LTI's Mosaic platform enabling their mobile, social, analytics, IoT and cloud journeys. Founded in 1997 as a subsidiary of Larsen & Toubro Limited, our unique heritage gives us unrivaled real-world expertise to solve the most complex challenges of enterprises across all industries. Each day, our team of more than 25,000 LTIites enable our clients to improve the effectiveness of their business and technology operations, and deliver value to their customers, employees and shareholders. Find more at www.Ltinfotech.com or follow us at @LTI_Global

