AN INTRODUCTION TO DECEPTION TECHNOLOGY

Advanced Persistent Threats are Different
Enterprise information security has never been more challenging. The news is overflowing with stories about recent attacks on some of the largest institutions in the world. The attackers are raising the stakes considerably. Attacks on your organization may be sponsored by large criminal organizations or even nation states. Their goals may include industrial or military espionage, retribution or executing a plan for financial gain by theft or blackmail. Momentum has moved to the attackers.

Current Cyber Security Strategies are No Longer Enough
Cyber attacks continue to evolve. Our primary lines of defense have broken and our security architectures have not proven to be agile enough to meet these threats. Current perimeter security has proven to be vulnerable to many of today’s advanced persistent threats (APT’s) and Zero Day Event malware.

KEY BENEFITS
• Defense Targeted for the New Breed of Malware. Our innovative deception based cyber security defense finds sophisticated malware and Zero Day Events that your existing vendors do not detect.
• Reduce or Eliminate Economic Loss. Better detection reduces the risk of economic loss due to destruction of enterprise assets, theft of data, and overall impact to business operations.
• Move Faster. Advanced realtime forensics and analysis empowers your security operations center to take immediate action to disrupt all attacks within the network perimeter.
• Compliance Benefits. Improve compliance capability to meet PCI, HIPAA, data breach laws and many other legislative requirements on a global basis.
• Lowest Cost of Implementation for Deception Technology. Deception based technologies have always been very powerful but very expensive and impractical to deploy at large scale. Now DeceptionGrid enables the use of this powerful class of defense at the lowest levels of cost to your enterprise.
• Compatible With Your Existing Investment. Deception technology can integrate with your existing operations and defense in depth vendor suites.
DeceptionGrid™ Stops APTs and Zero Days

Deception technology is a new category of cyber security designed to meet head-on the threats of APTs, zero day events and other sophisticated attacks. DeceptionGrid automates the deployment of a network of camouflaged malware traps that are intermingled with your real information technology resources. The traps appear identical in every way to your real IT assets. Once malware has penetrated your enterprise, it starts moving laterally to find high value targets. Just one touch of the DeceptionGrid by malware sets off a high confidence ALERT. Real-time automation isolates the malware and delivers a comprehensive level 3 assessment directly to your SOC team.

DeceptionGrid fundamentally changes the economics of cyber defense by shifting the cost to the attacker. You have now regained the initiative.

About TrapX Security

TrapX Security is a leader in the delivery of deception based cyber security defense. Our solutions rapidly detect, analyze and defend against new zero-day and APT attacks in real-time. DeceptionGrid™ provides automated, highly accurate insight into malware and malicious activity unseen by other types of cyber defense. We enable a pro-active security posture, fundamentally changing the economics of cyber defense by shifting the cost to the attacker. The TrapX Security customer base includes global 2000 commercial and government customers around the world in sectors including defense, healthcare, finance, energy, consumer products and other key industries.