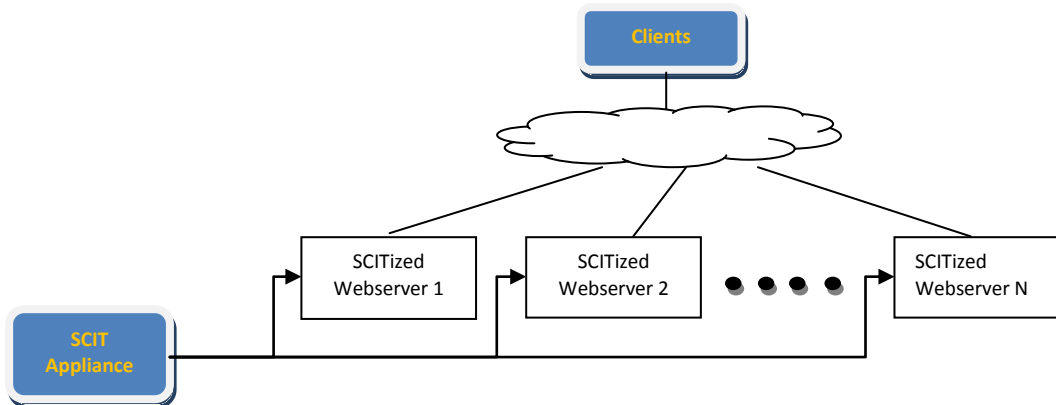


**SCIT proactive cyber attack deterrence solutions reduce the window of opportunity for adversaries to mount and execute cyber attacks. SCIT Webservers are state-of-the-art agile defense systems.**

## INTRUSIONS ARE INEVITABLE

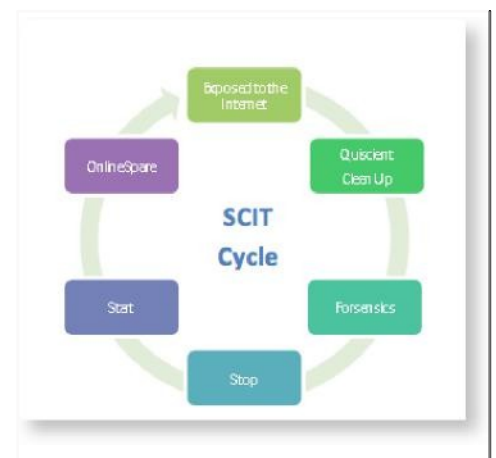
Cyber security strategies built on Intrusion Detection Systems (IDS) and Intrusion Prevention Systems (IPS) can't prevent all intrusions.

SCIT Labs' award-winning patented technology delivers a proactive approach to cyber attack deterrence. The SCIT approach applies to virtual and physical server environments. Virtualization leads to lower cost solutions – typically reusing the existing computing equipment. We exploit virtualization to restore the Operating System and Application to a pristine state, achieving ultra low intrusion persistence time – minutes as opposed to days, weeks, or months for conventional systems. Furthermore, our systems are automatically restored to a pristine state, avoiding the high costs of restoration. SCIT servers subvert attacks by robbing intruders of the time and persistent access needed to launch and sustain attacks.



## THE SCIT PROCESS

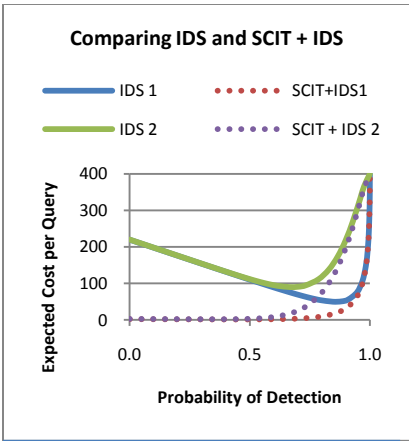
SCIT servers increase the protection of the datasets and also increase operational resilience, thus reducing operations costs. The SCIT server goes through a 6-stage cycle – from **Start** to **Online Spare** to **Exposed To The Internet** to **Quiescent**, which drains the transaction queue, to **Forensics** to **Stop**, when the server is stopped and destroyed. SCIT software and appliance solutions seamlessly integrate with existing FISMA compliant architecture, improving both the risk profile and operational performance with no requirement to alter existing security implementations or protocols.



## BENEFITS

SCIT Webservers deliver the following benefits:

- Ultra Low Intrusion Persistence Time, configurable down from hours to as low as one minute
- Automatic restore to the pristine state at regular intervals without manual intervention
- Automatic recovery from software deletion attacks
- Increased intruder visibility as intruders make repeated attempts to access your environment
- Lower Total Cost of Ownership (TCO) by reducing false positive alerts and associated investigation and recovery costs
- Reduction of memory leaks through SCIT's continuous clean processes
- Increased operational resilience, faster recovery time, better update management



## SCIT PRODUCTS & SERVICES

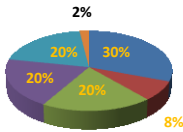
SCIT Server Solutions are available in self-contained appliance configurations and as custom software solutions tailored to your specific threat/response framework.

SCIT Evaluation Appliances are also available. The Evaluation Appliances provide both SCIT server capability and

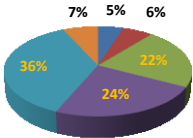
SCIT Forensics to support on-site evaluation of SCIT in your environment. The SCIT Evaluation Server can be installed, configured, and running in one day. SCIT Evaluation Appliances can also be used in conjunction with our security architecture design services to plan large-scale SCIT implementations.

SCIT provides cyber security technology advisory services.

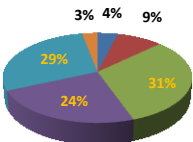
- Minutes
- Hours
- Days
- Weeks
- Months
- Years



### Point of Entry to Compromise



### Compromise to Discovery



### Discovery to Recovery

AVAILABLE SCIT APPLIANCE CONFIGURATIONS		
PLATFORM	LAMP	WINDOWS
Operating System	Centos	Windows
Application	Apache/Tomcat	IIS
Exposure Time: Duration for which server is online	Variable	Variable
Longest Transaction	Variable	Variable
Session Persistence	Standard	Standard
Forensics – Save Virtual Machine before Destroy	Available	Available
Forensics – Save Virtual Machine Difference with Pristine Image	Available	Available
Custom Software Only Implementation	Available	Available
Configuration with NIDS	Supported	Supported
SERVER SUPPORT		
Web server, E-Commerce server, Authoritative DNS server	Supported	Supported
LDAP and Streaming Media	Q3 2011	Q3 2011
Physical and Virtual Servers	Supported	Supported
Performance Impact at one hour exposure time	Negligible	Negligible
Performance impact at four minute exposure time	3%	3%
Performance impact at one minute exposure time	20%	20%

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