

The IT security landscape comprises of on-premises solutions, cloud-based services, and managed security services (MSS). This cheat sheet focuses on MSS and highlights the key trends and relevant enterprise recommendations.

### IT Security Metrics



**7-10%**

IT security spending as a percent of total IT spending

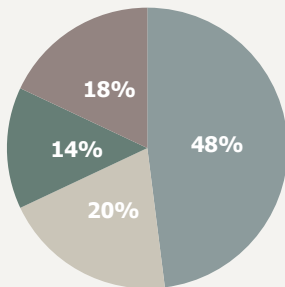


**8-11%**

IT security FTEs as a percent of total IT FTEs

IT security personnel includes in-house and contract full-time equivalents (FTEs) supporting the functional areas of IT security.

### Breakdown of IT security by functional areas



- Operational Infrastructure Security
- Vulnerability Management
- Application Security
- Risk and Compliance Management

Functional areas indicate the types of investments the enterprise is making in the IT security space.

### WHAT IS MANAGED SECURITY SERVICES (MSS)?

<b>Definition</b>	MSS is defined as security event monitoring, or the monitoring and management of IT security infrastructure controls and functions delivered via shared services out of security operations centers (SOCs).
<b>Typical Components of MSS Advisory</b>	<ul style="list-style-type: none"> <li>/ Security asset monitoring and management (SAMM)</li> <li>/ Risk and compliance management (RCM)</li> <li>/ Threat intelligence, research, detection, and remediation (TIRDR)</li> <li>/ Distributed denial of service (DDoS)</li> <li>/ Advanced and emerging managed security services</li> </ul>

### KEY BENEFITS

/ Rapid incident response	/ Cost efficiencies
/ SIEM and log management insights	/ Security asset management relief
/ Monitoring of advanced threat	/ Risk and compliance management

### KEY ENABLING TECHNOLOGIES

Digitization and Robotic Automation	Analytics	Mobility	Social Media	Cognitive Computing	Artificial Intelligence
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### KEY RECOMMENDATIONS FOR ENTERPRISES WHILE SOURCING MSS

/ 01	Evaluate the MSS research and development roadmap	/ 06	Evaluate complementary services
/ 02	Review cloud adoption strategy and future security strategy	/ 07	Review package security solutions
/ 03	Leverage threat intelligence and big data analytics	/ 08	Investigate flexible pricing methods
/ 04	Review customer portals	/ 09	Review security orchestration and automation technologies
/ 05	Consider security expertise and customer engagement	/ 10	Determine which SOC implementation matches business requirements

### FACTORS INFLUENCING MSS PRICING



### BENCHMARKING & INSIGHTS PRACTICE

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