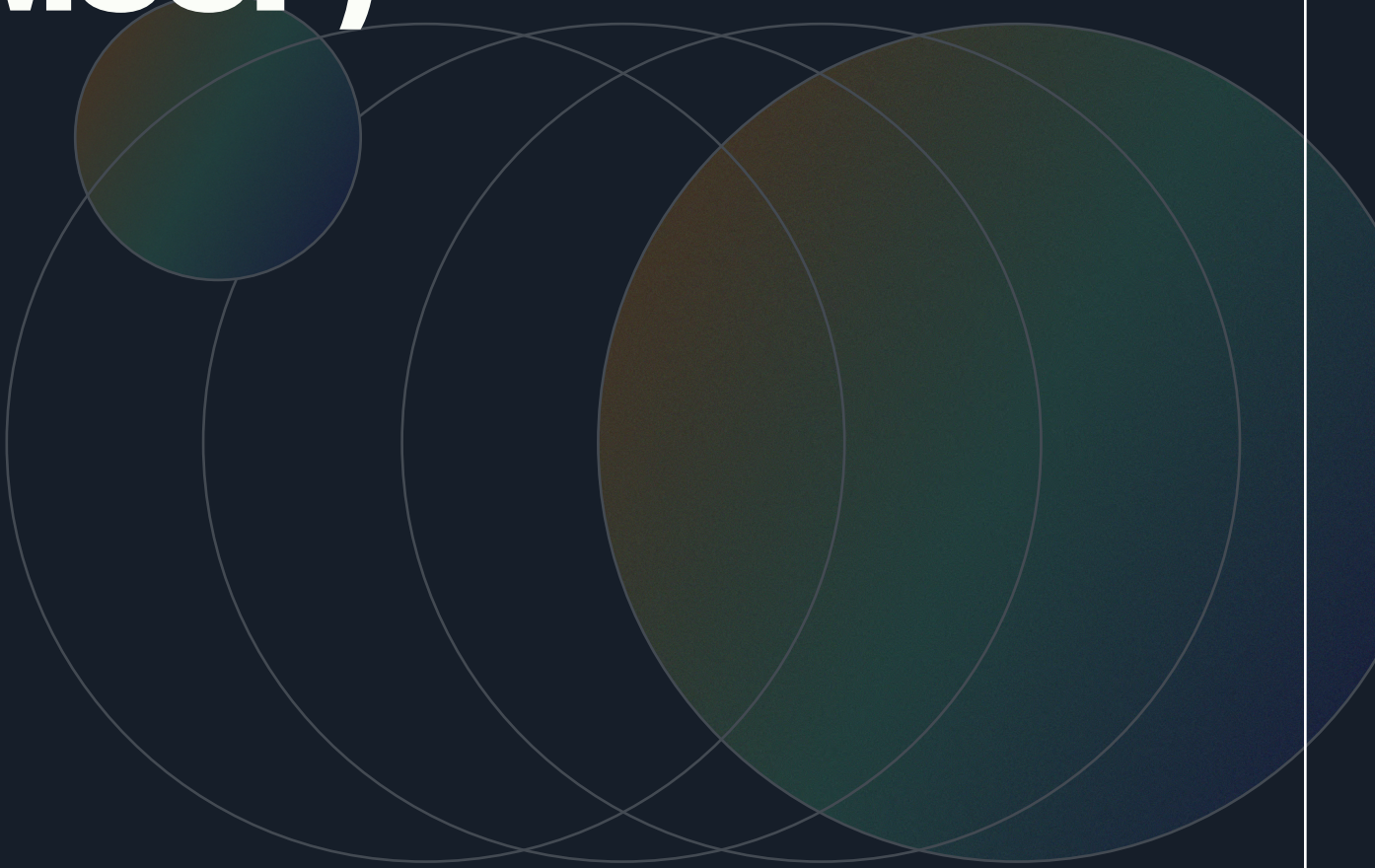




| *Whitepaper*

Managed Security Service Providers (MSSP)



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Managed Security Service Providers (MSSP)

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What is a Managed Security Service Provider?

A Managed Security Service Provider (MSSP) is an organization that provides cyberdefense solutions in a third-party, contractual engagement. These services may include any and all matters of IT and security management that an organization could handle internally.

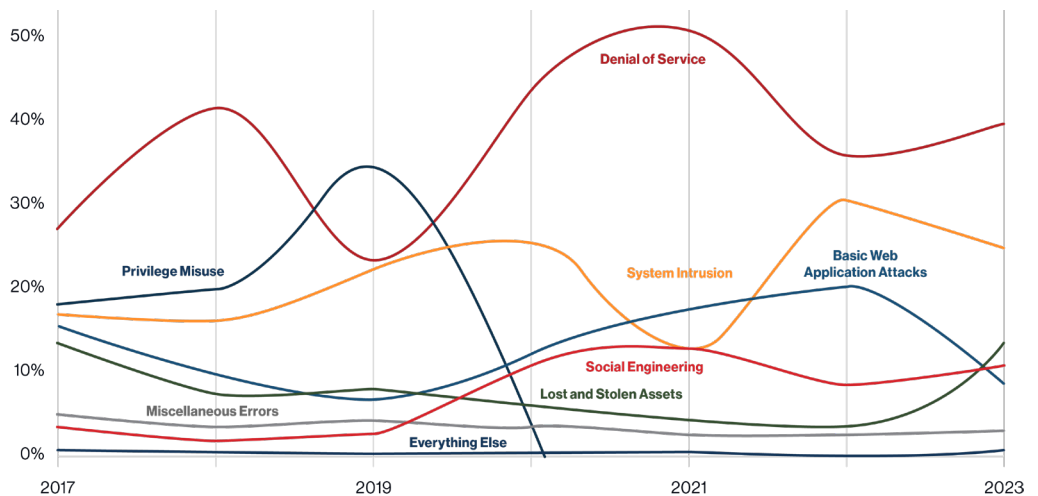
At the highest level, MSSPs can serve in executive capacities at organizations. Many quality MSSPs offer Virtual Chief Information Security Officer (vCISO) services, wherein they take control of C-suite security oversight. That includes strategizing, resourcing, implementing, and managing all elements of organizational cyberdefense. Critically, it also provides these functions on an as-needed basis, saving significantly on the exorbitant costs of traditional CISOs.

Why MSSPs are Critical for Cyberdefense

The sheer breadth and depth of risk factors organizations need to account for and mitigate will scale proportionate to growth. Taking on more and bigger business, crossing into new industries, locations, or markets, and working with more individuals' sensitive data all make security more critical—and challenging. Threats grow in number, variety, and severity every day.

MSSPs solve these issues.

Outsourcing security management to a service provider allows organizations to implement broader and more effective controls more efficiently. It mitigates potential oversights that can come from purely in-house security management, and it may even be required for compliance.



Cybercrime Expected to Skyrocket in the Coming Years

Estimated cost of cybercrime worldwide (in trillion U.S. dollars)



As of November 2022.

Data shown is using current exchange rates.

Sources:

Statista Technology Market Outlook,
National Cyber Security Organizations, FBI, IMF



What Solutions Do MSSPs Provide?

MSSPs can provide or assist in any element of cyberdefense for your organization. The primary service offerings typically break down into two categories. There are individual services on isolated contracts that may operate independently or alongside other security systems you have in place. And there are broader, comprehensive suites of services, customizable to your needs.

<u>Individual Services</u>	<u>Comprehensive Suites</u>
Architecture Implementation	Threat and vulnerability management
Antivirus and antimalware	Managed detection and response
Backups and recovery	Holistic incident response
Security program advisory	Patch management
Proactive web filtering	Virtual chief information security officer (vCISO) services
Open source scanning	Third-party risk management
Disk Encryption	Data center security
Awareness training	Cloud security management
IR tabletop exercises	File integrity monitoring (FIM)
Penetration testing	Compliance management
Patch availability reports	Identity and access management
Compliance assessments	Security information and event management (SIEM)
Malware remediation	
Incident response	

Working with a quality MSSP gives organizations the flexibility to choose which matters of cyberdefense it handles internally and which the third party should take more control over. In terms of integration, MSSPs may work completely independently of internal resources except where necessary, or they may work closely with your team—whichever suits your needs best.



The Benefits of Working with an MSSP

The biggest advantage MSSPs provide to organizations is in the quality of security advisory, implementation, and management they provide. Quality MSSP teams comprise multiple specialists, with cybersecurity expertise spanning decades of real-world experience in a wide variety of industries and contexts. They offer unparalleled insights that strengthen protections, make incidents less likely to occur, and ensure a full, swift recovery if they do happen.

In addition, this greater security assurance often comes at a fraction of the price of a fully internal cybersecurity deployment. Outsourcing to an MSSP cuts out the direct expenses of recruiting, onboarding, and retaining top security talent. In other words, MSSPs maximize efficiency.

Streamlined Compliance Management

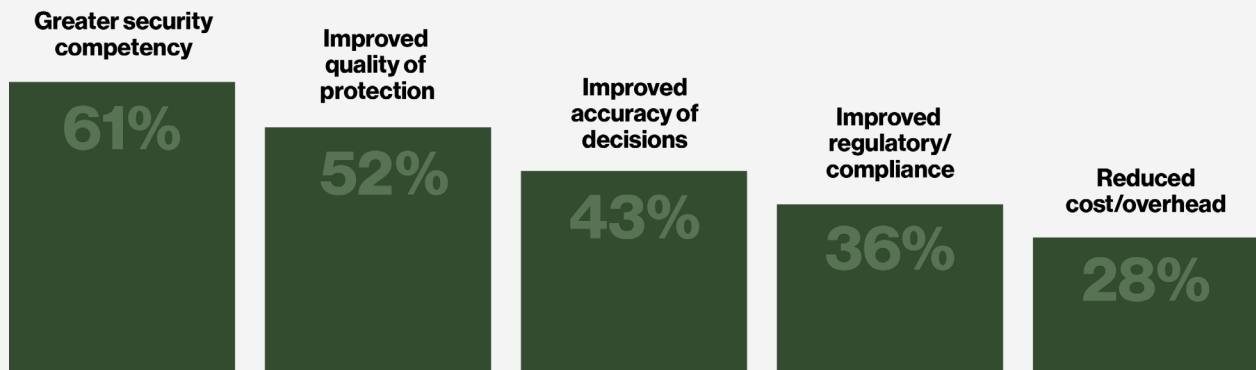
One of the most impactful ways MSSPs benefit organizations is by streamlining regulatory compliance. MSSPs can optimize compliance with multiple overlapping standards with:

- Assessments and certification for Industry-based regulations like HIPAA or CMMC

- Long-term maintenance of location-based regulations like the CCPA or EU GDPR

- Auditing and reporting for operations-based regulations like PCI DSS or SOC 2

An MSSP will help with every element and stage of compliance. Your organization can rely on third-party expertise to optimize control implementation, assessment and reporting, and ongoing management to ensure you achieve and maintain compliance or certification long-term.



What to Look for in an MSSP

When looking for a quality MSSP partner, you should consider the depth and breadth of expertise they bring to the table. You should also consider MSSPs' flexibility and willingness to accommodate your specific needs. The best MSSPs are committed to helping you rethink your organization's security at scale with proactive protections and anticipatory service.

RSI Security's core values are all aimed at those ends:



Serve above all else.

We subordinate our individual interests to advance others and provide value before expecting anything in return.



Commit to what you say.

We follow through and deliver our assurances by going above and beyond, never anything less.



Discipline creates freedom.

We remain deliberate and focused on the work of the mission to give people the freedom to operate and grow.



The right way is the only way.

We always act with integrity in every situation so people can move forward.



Stay humble, hungry, and aware.

We facilitate the growth of ourselves and the elevation of clients with the art of Shoshin.

RSI Security MSSP Solutions

RSI Security is an MSSP supporting organizations of every size and in every industry. We work closely with internal teams on every stage and process in cyberdefense, from architecture implementation through assessment and security maintenance. We'll help your organization conceptualize and realize its goals, optimizing compliance, assurance, and overall security.

Choose RSI Security as your MSSP to rethink and optimize your cyberdefense.