Capgemini

Managed Security Services

Instant access to the expertise, technology, and scale you
need to protect your enterprise and accelerate growth.

Yes, you can manage security in-house. But why?

Protecting the enterprise from fast-evolving cybersecurity threats is increasingly complex and costly—but it does not have to be increasingly burdensome for your internal security teams.

By engaging with Capgemini for Managed Security Services you can keep pace with new attacks and attackers, advances in security technologies, compliance requirements, and trends that impact enterprise security. Our Managed Security Services give you uniquely effective solutions to your top-five urgent needs, including:

1. **Access to skilled cybersecurity professionals** on demand, in any location
2. **Comprehensive capabilities** with sector-specific expertise and experience
3. **Global scale,** with 24/7 response capability locally and internationally
4. **Ability to drive down** TCO and complexity of addressing cybersecurity needs
5. **Depth of knowledge** to address network, endpoint, cloud, IoT, industrial security needs

Capgemini Managed Security Services can also enable your enterprise to achieve previously unattainable goals, including:

- **360-degree visibility:** See a complete, accurate view of your current security posture
- **Risk mitigation:** Connect the right data to the right processes so you can predict and prevent attacks
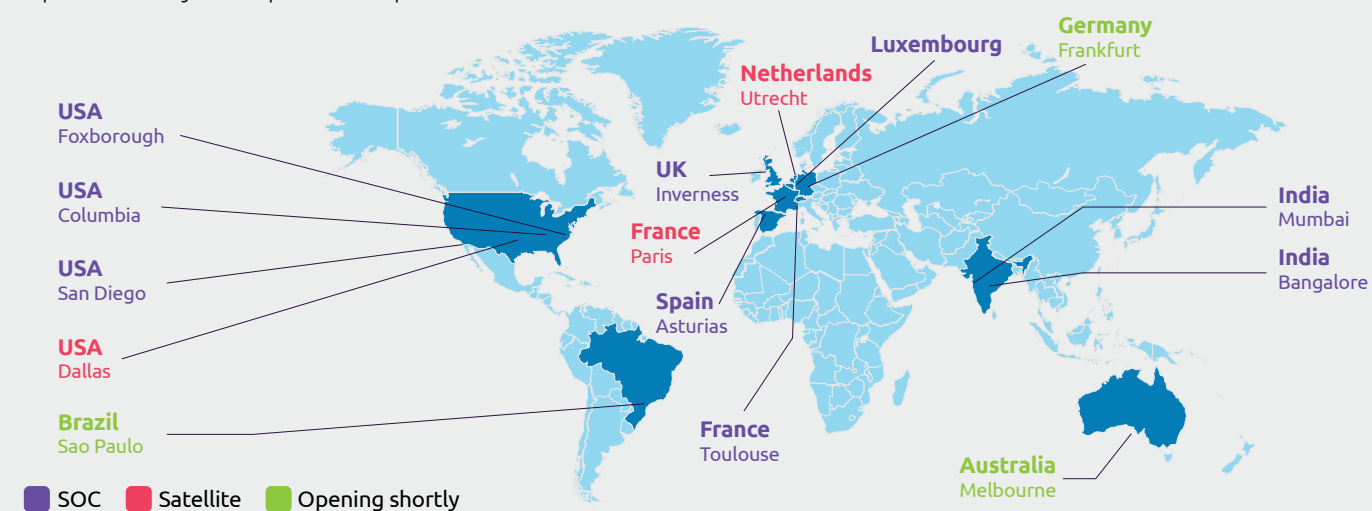
- **Continuous compliance:** Speed up security processes so you can consistently meet compliance requirements
- **Broader expertise:** Supplement the capabilities of your internal teams with professionals who have sector-specific skills in security operations, governance, compliance, and technologies including security automation, analytics, AI, machine learning and more
- **Supply chain protection:** Expand enterprise security to cover your entire ecosystem and supply chain
- **Financial predictability:** We bring consistency and predictability to your security investments

The result: By leveraging Capgemini Managed Security Services you can shift the focus from fear of a successful attack to confidence in your defenses—so you can create better customer and employee experiences, make your business more agile, and accelerate transformation initiatives.

Leverage our global network of SOCs

Our Managed Security Services are delivered through a connected global network of Security Operations Centers (SOCs) that give you direct, on-demand access to resources and expertise on an unprecedented scale.

The SOCs bring together the combined expertise of 4000+ security professionals and a set of proven, certified processes and technologies. We monitor your environment continuously and completely to give you end-to-end visibility into your security posture, and we harness advanced data analytics to detect and respond to incidents and prevent successful attacks.

USA Foxborough
USA Columbia
USA San Diego
USA Dallas
Brazil Sao Paulo
UK Inverness
France Paris
Spain Asturias
France Toulouse
Netherlands Utrecht
Luxembourg
Germany Frankfurt
India Mumbai
India Bangalore
Australia Melbourne

■ SOC ■ Satellite ■ Opening shortly

Figure no.1 - Global network of SOCs

> *Capgemini is positioned as a Leader in NelsonHall's Managed Security Services NEAT evaluation due to its prior year investments in strengthening its global coverage (through building SOCs and cyber experience centers onshore). Additionally, Capgemini has been investing heavily to create a well-rounded portfolio that now has a strong focus on cloud security and advanced services such as cyber espionage."*
>
> **Mike Smart, Senior IT Services analyst, NelsonHall**

The SOCs also help you comply with regulatory changes relating to security, including Europe's NIS Directive, the EU's GDPR, and New York State Department of Financial Services regulations in the US.

The centers learn from each other to develop best practices and boost their efficiency, providing security that adapts to your business priorities, allowing you to pursue wider digital possibilities and unlock business value.

For example, we perform advanced analysis of data and threat intelligence feeds, enabling us to identify potential attack vectors in your security scheme you may not have ever seen before. Simply put, we empower you to prevent incidents, detect threats, respond swiftly and contain attacks like no one else.

Our SOCs also give you access to our elite R&D team, which can analyze and reverse-engineer complex malware to support you in case of very severe cyberattacks. For example, they have the capability to perform comprehensive security tests on security products and coding to identify vulnerabilities (zero days) or backdoors.

SOC Service Options

Our SOC services focus on incident prevention, incident detection, and incident response, with a wide range of individual offerings that can be tailored to your requirements within each category.

			Bronze	Silver	Gold
Incident Prevention	Threat Intelligence	Threat intelligence database & feeds		●	●
		Threat detection (unusual network patterns + reports)		●	●
		Advanced threat detection & reports			●
	Vulnerability Management	Passive vulnerability scans	●	●	●
		Active vulnerability scans			●
Incident Detection	Monitoring	Continuous security monitoring	●	●	●
		Logs analysis & correlation* (features vary based on service level)	●	●	●
		Compliance use cases + reports	●	●	●
	Security Analytics	Aggregated data in the analytics engine / Malware analysis (sandbox): offline & online + reports		●	●
		User behavior, apps & DNS analysis + reports			●
	GRC	Asset inventory / Business context/risk management			●
Incident Response	Security Response	Incident management / Root cause, follow-up to problem/change management	●	●	●
		Reports & dashboards* (features vary based on service level)	●	●	●

Common Services

- Incident and Problem Management
- Device Change & Configuration Management
- Service & Dashboard Reporting as defined

Figure no.2 - SOC service feature: A closer look

Delivery Options for SOCs

Capgemini's SOC offerings are created around sector-specific requirements, risk profiles, and critical data assets, as well as current security strategies and levels of protection. They are delivered through a variety of options tailored to your requirements, including:
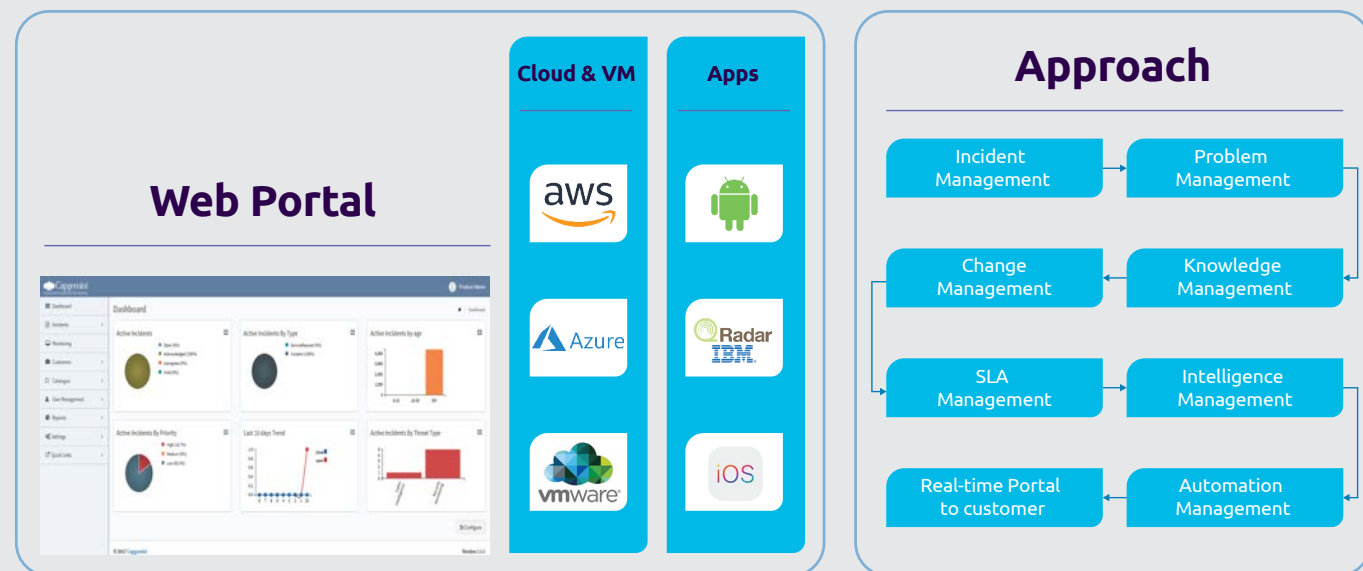

Managed SOC
- We protect your individual tenant policies via a shared platform
- Allows easy & quick access to comprehensive security solutions
- Security operations support in local language & local presence

Dedicated SOC
- Tailored to your security needs & individual risk profile
- Protects sensitive data
- Operated in-house or in a Capgemini location
- Supports compliance with legal & regulatory mandates

Satellite SoC
- Alocal, physical front-end of a full-fledged SOC
- Develops security strategy, designs processes & procedures, manages the full SOC program

Hybrid
- Uses both offshore and local resources in a single seamless SOC
- Improves productivity, predictability and responsiveness
- Reduces costs, risks and workload for your teams

Figure no.3 - SOC delivery model

MSS Portal: Get a 360° view of your security operations

Capgemini has created an intuitive, graphical Managed Security Services (MSS) portal to deliver comprehensive, end-to-end visibility into your security posture and meet the specific requirements of information security organizations. The MSS portal:

- **Consolidates** management information into a single console
- **Coordinates** operational processes such as:
  - Service desk/ticketing system
  - Incident Management
  - Problem Management
  - Change Management
  - Service Level Management
  - Intelligence Management
- **Integrates** with a wide range of security tools
- **Filters** and reduces up to 98% of alerts
- **Automates** the ticketing and incident management process
- **Reports** on various levels; operational, SLA, executive dashboard

In addition to providing complete visibility into security operations, the MSS portal automates incident creation tasks, expediting response times. It correlates incidents for persistent threats, which in turn reduces the mean time to respond (MTTR). It can also track security trends proactively, gauge the effectiveness of changes, identify the top events and source systems to focus staff efforts, identify and manage potential SLA violations, drill down into the details of response times, ensure standardized processes are followed, escalate procedures and problem remediation steps, identify control gaps, and much more.

Web Portal

Cloud & VM — aws, Azure, vmware

Apps — Android, Radar IBM, iOS

Approach
- Incident Management
- Problem Management
- Change Management
- Knowledge Management
- SLA Management
- Intelligence Management
- Real-time Portal to customer
- Automation Management

Value Delivered

Reduce the time to respond to alerts, reducing cost & risks, **improving** security and customer satisfaction

Provide greater visibility into the **security** results of existing technology and operations

Centralize security information to **improve** coordination between information security groups

Managed Security Services: Example offerings

Capgemini provides a wide range of sector-specific MSS offerings covering your applications, networks, endpoints, data, end users, infrastructure, clouds, perimeters, and more, all with a range of service levels. Capgemini can also monitor your networks to help you detect, identify, and respond to a multitude of known and unknown threats, enabling you to prevent attacks from succeeding.

We provide both real-time and offline analysis of multiple sources of data, and our insights are further enhanced by a thorough understanding of the context, enabling us to provide accurate and complete information. Examples of core MSS offerings include:

- **Multitenant Managed SOC:** A unit-priced, industrialized SOC service that allows you to consume on a monthly basis the tools and expertise you need and to set up security operations quickly.
- **Endpoint Protection as a Service (EPaaS):** Our experts proactively anticipate, monitor, protect, detect, and respond to endpoints threats in real time (see sidebar for details).
- **Data Loss Prevention (DLP):** We provide discovery and visibility into confidential data usage, DLP enforcement for cloud file sharing, and 240 customizable templates to help keep your data safe.
- **Cloud Security as a Service:** We supplement the native safeguards of public and private clouds with additional protections, enabling your business to safely enjoy the benefits of public, private, and hybrid clouds with minimal expense and overhead (see sidebar for details).
- **Identity as a Service (IDaaS):** Our managed IDaaS offering is complete, fast, economical, and flexible, maximizing protection across all critical areas of digital identity and users, applications, endpoints, and infrastructure.
- **Cryptographic Services:** Our experts will administer your cryptographic key and certificate management process to protect your data and IoT devices.
- **Industrial Systems & IoT:** Our experts ensure solid security for your industrial systems and IoT devices through assessments, maturity analysis, risk analysis of critical systems, and more.
- **Perimeter Security:** Capgemini can safeguard your network perimeter and remote networks through a wide range of managed perimeter security capabilities.
- **Security Governance:** We can help you create a framework that enables you to continuously and consistently meet local and federal compliance requirements in a cost-effective manner.

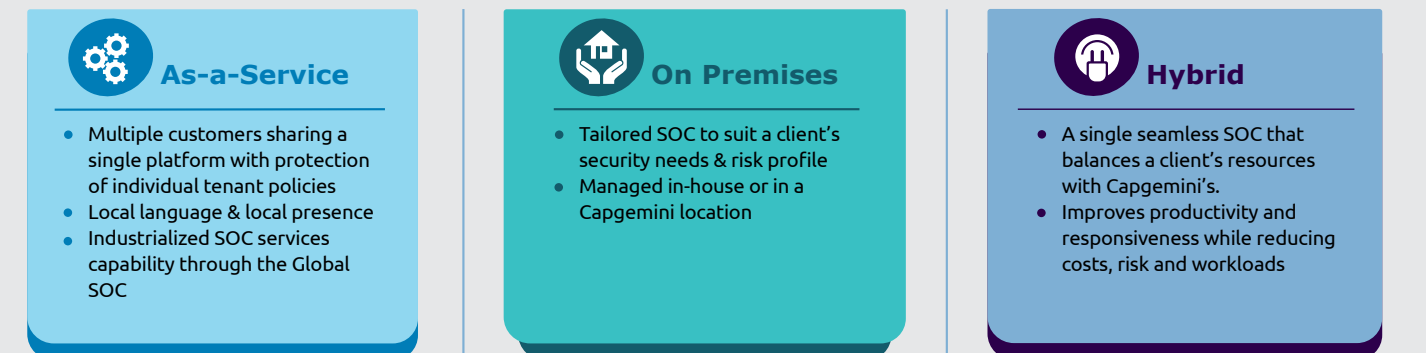## Delivery Options for Managed Security Services

As-a-Service
- Multiple customers sharing a single platform with protection of individual tenant policies
- Local language & local presence
- Industrialized SOC services capability through the Global SOC

On Premises
- Tailored SOC to suit a client's security needs & risk profile
- Managed in-house or in a Capgemini location

Hybrid
- A single seamless SOC that balances a client's resources with Capgemini's.
- Improves productivity and responsiveness while reducing costs, risk and workloads

Figure no.4 - Delivery options for Managed security services

Featured Offering: Future Ready Endpoint Protection as a Service (EPaaS)

Attackers are increasingly targeting endpoints for their exploits; in fact, 71% of breaches target user devices and 66% of malware is installed via malicious email attachments where the primary target is an endpoint.

Capgemini addresses this challenge with an advanced, integrated and tailor-made endpoint security solution known as Future Ready EPaaS. This groundbreaking solution proactively anticipates, monitors, protects, detects, and responds in real time.

Future Ready EPaaS provides end-to-end endpoint security, from designing policy definition/strategic consulting to deployment, management & monitoring of your Industry-specific endpoint security solution. It covers breach anticipation, detection, response, remediation, and monitoring in cloud, on-premises, hybrid, and agile platforms. Flexible pricing is available, with a pay-as-you-go option.

Featured Offering: Cloud Security as a Service (CSaaS)

Our managed cloud security services enable you to help protect the business while enjoying the benefits of public, private, and hybrid clouds, with minimal expense and overhead.

Collaboration is at the heart of our approach—our cloud teams and security teams work closely together and with your teams and identify a set of security processes and technology solutions that fulfill the full range of your cloud security objectives, and we can also operate and monitor your cloud environments and cloud service providers on an ongoing basis.

The result: you can satisfy industry and regulatory requirements faster, achieve your data privacy and confidentiality goals, and move ahead with strategic initiative confidently.

An integral part of our comprehensive cybersecurity capabilities

Capgemini Managed Security Services are a core element of our overarching, end-to-end offerings in cybersecurity. We can deliver define services addressing the full range of cybersecurity strategy, assessment, and deployment needs—the core milestones of every digital transformation journey—and we have considerable experience serving clients around the globe in virtually every industry and sector.

Capgemini is the one service provider who can bring everything together for your enterprise: end-to-end cybersecurity solutions from multiple vendors, coupled with a comprehensive portfolio of consulting and managed service offerings—globally or locally, in virtually every industry and market segment.

Capgemini can serve as your single trusted advisor for integrating and orchestrating your cybersecurity solutions globally. We are uniquely capable of covering security requirements in virtually every industry and market segment, at scale that matches your needs today and tomorrow.

Compelling advantages of Capgemini Managed Security Services

Our heritage of more than 50 years delivering managed services to clients around the globe is just one important facet of Capgemini's unique strengths in Managed Security Services. Over the years we have made the significant investments and acquisitions focused on security capabilities, resulting in multiple differentiators. These include:

A business-focused, collaborative approach.

We start by understanding your specific requirements from a business perspective. Through discussions with your key stakeholders, we tailor a strategy and an approach that aligns with your business objectives, then we recommend Managed Security Services tailored to your specific needs.

Advanced, actionable threat intelligence.

We harness data and multiple threat intelligence feeds collected and observed by our global network of SOCs over a long period of time. We apply advanced analytics and harness the insights of experts who have experience in your industry and are knowledgeable about your business. This level of analysis helps you understand and respond to threats and risks swiftly and accurately and meet compliance requirements with less effort.

Expertise in automation, AI, and analytics.

We can help you automate security processes—even in the cloud—so that your teams can be more productive and focus on other priorities. We can also help you apply the latest advancements in artificial intelligence and analytics to threat intelligence feeds from multiple sources to identify new and emerging threats before they impact your users, your networks, your devices or ecosystem.

IoT and industrial security skills.

Capgemini Enterprise Operational IoT experts can assess the security posture of your industrial systems and IoT devices, including maturity analysis of industrial information systems, risk analysis of critical systems, and creation of a roadmap to improve the organization's defenses, while delivering quick wins in reducing risk.

Cloud security specialization.

Capgemini has broad and deep expertise in cloud security, enabling you to adopt a range of dedicated and hybrid cloud models safely and cost-efficiently. Capgemini can help you assess your current cloud security maturity level; map your current posture against security services offered in clouds; implement security practices and tools to protect infrastructure, applications, platforms and data in the cloud; provide recommendations to address security compliance gaps; manage security incidents; and more.

Global scale.

We are everywhere you and your networks, devices and users are, worldwide. With a global web of SOCs and research labs, over 4000 security professionals, and presence in over 200 hundred countries, we can deliver the advice, skills and managed services you need, your way, anywhere in the world.

Industry recognition.

Capgemini is recognized as a leading cybersecurity and managed security services provider by analyst firms such Gartner, IDC, NelsonHall, and HfS Research in their respective publications.

Top talent.

Our 4000+ skilled cybersecurity experts hold industry standard certifications such as CISSP, CISM, CISA, CCSP, including ITIL, CEH, CCIE and other technology certifications.

Satisfied clients.

We carefully measure and monitor client satisfaction, and the vast majority of our clients are "highly satisfied" with the services they receive. Our clients come from organizations of every type and size, in every industry, everywhere in the world. Just ask us for case studies and a detailed client list in your sector.

How did you manage without us?

The complexity of cybersecurity can be overwhelming. Our Managed Security Services simplify and streamline multiple security tasks, so you can focus on business priorities and accelerate transformation initiatives.

When it comes to enterprise security, it no longer makes sense to go it alone. Contact Capgemini today for additional details about our **Managed Security Services.**

About Capgemini and Sogeti

A global leader in consulting, technology services and digital transformation, Capgemini is at the forefront of innovation to address the entire breadth of clients' opportunities in the evolving world of cloud, digital and platforms. Building on its strong 50-year heritage and deep industry-specific expertise, Capgemini enables organizations to realize their business ambitions through an array of services from strategy to operations. Capgemini is driven by the conviction that the business value of technology comes from and through people. It is a multicultural company of over 200,000 team members in more than 40 countries. The Group reported 2018 global revenues of EUR 13.2 billion.

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www.capgemini.com

Sogeti is a leading provider of technology and engineering services. Sogeti delivers solutions that enable digital transformation and offers cutting-edge expertise in Cloud, Cybersecurity, Digital Manufacturing, Digital Assurance & Testing, and emerging technologies. Sogeti combines agility and speed of implementation with strong technology supplier partnerships, world class methodologies and its global delivery model, Rightshore®. Sogeti brings together more than 25,000 professionals in 15 countries, based in over 100 locations in Europe, USA and India. Sogeti is a wholly-owned subsidiary of Capgemini SE., listed on the Paris Stock Exchange.

For more information please visit

www.sogeti.com

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