

Cybersecurity Services

Accelerate transformation - with trust.



Protecting your enterprise doesn't have to be so overwhelming

There is a paradoxical relationship between digital transformation and cybersecurity. Transformation initiatives depend on rock-solid security, but cybersecurity has become so complex that it often impedes the speed of transformation.

New threats, new attackers, new regulations, new risks, and an ever-growing number of endpoint devices, networks, systems, clouds, end users and supply chain partners to protect—not to mention the upward spiral in cybersecurity products, solutions, services and vendors, coupled with an ever-decreasing supply of skilled security talent—just keeping pace is a daunting task.

So, how can you explore the opportunities of the digital age, protect your assets, increase innovation and comply with regulations—all without delay, disruption or expense to the enterprise?

Where will you find the specialists with both the sector-specific and technical expertise you need to assess your current security posture and create an aligned security strategy? Where do you find the unique combination of capabilities that can assess, implement and manage appropriate solutions?

How can you harness machine learning, automation and artificial intelligence (AI) to increase productivity and effectiveness in protecting your data, your users, enterprise IT, operational technology (OT) and Internet of Things (IoT) devices?

Contact Capgemini. We have the breadth and depth of skills that can transform security from a source of fear, risk and complexity into a source of strength, value and competitive advantage.



End-to-end cybersecurity that scales with your requirements

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.

Our cybersecurity experts strip away the complexities of protecting your enterprise, so you can accelerate your digital transformation initiatives with full confidence.

We integrate the best security solutions, technologies, suppliers and strategies the world has to offer, all through a single point of contact, all based on each client's business needs, risk appetite, and target cost of ownership.

Our team of 4000+ cybersecurity professionals provide end-to-end strategy, assessment, deployment, integration and Defend services to secure your organization. We help you define your security objectives and procedures, protect your assets with our cybersecurity services, and monitor the enterprise to detect and react in advance of cyberattacks.

This approach minimizes cost, risk and waste while maximizing productivity, efficiency and agility. It helps you

stop focusing on solution and supplier management and start focusing on governance, informed risk management and adding value to enterprise.

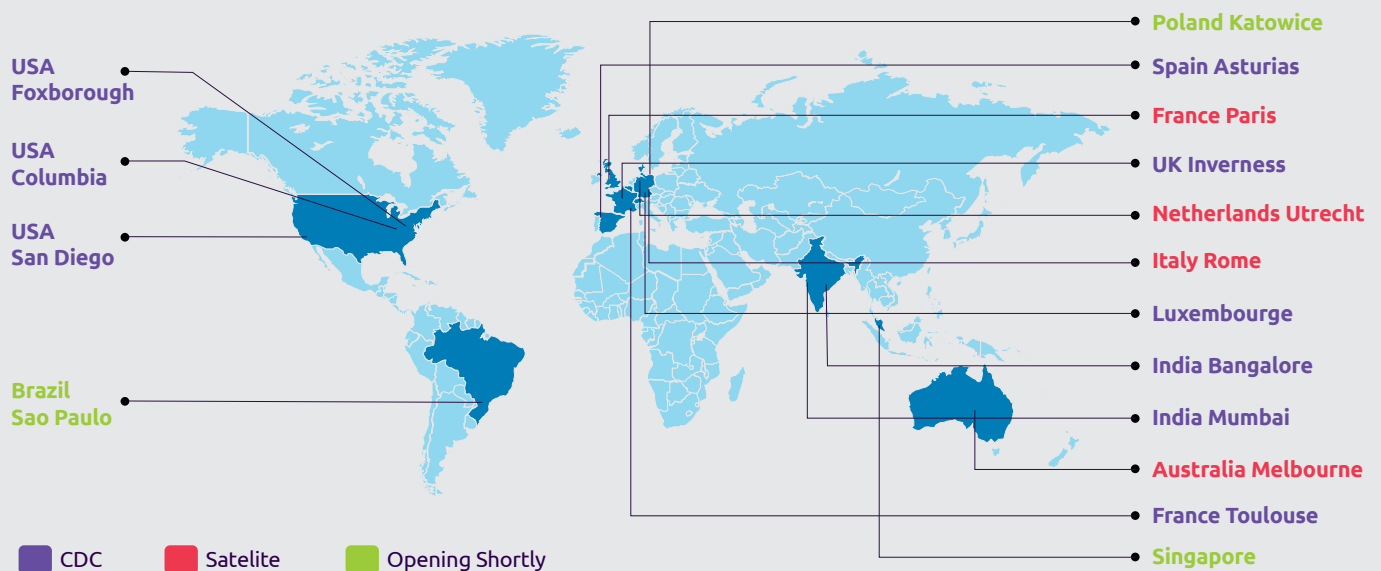
Global Network of Cyber Defense Centers (CDCs)

Our Managed Security Service (MSS) offerings are integrated and delivered through a connected global network of Cyber Defense Centers (CDCs). The CDCs bring together the combined expertise of our thousands of security professionals and a set of proven, certified processes and technologies to give you complete visibility into your security posture.

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. The result: we empower you to **prevent incidents, detect threats, respond swiftly and contain attacks** like no one else.

Our CDCs 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.

Capgemini's Connected Network of Cyber Defense Centers



“ 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

Business-focused, collaborative solutions

We start by understanding your specific requirements from a business perspective. Through discussions with your key stakeholders—from business leaders and IT professionals to business units and across the ecosystem as maybe required—we tailor a strategy and an approach that aligns with your business objectives, with services tailored to your specific needs.

Our clients have found this collaborative experience to be extremely effective in helping them address multiple core challenges simultaneously:

- **Disrupt Digitally:** By embedding cybersecurity and data privacy into your on-premises and cloud environments, we empower your business to become a digital disruptor without fear of being disrupted.
- **Automate and Apply New Innovations:** You can safely explore and implement the latest advances in security automation, AI, analytics, cloud security and more to protect all users, networks, devices, users and IT assets.
- **Mitigate Staff Retention Issues and Address the Cyber Skills Shortage:** Our 4000+ cybersecurity and managed services experts can supplement the skills of your internal staff, reduce the burden on your teams so they can focus on other priorities, or both.
- **Protect and Comply:** Capgemini enables you to modernize your current practices so you can manage the exponential increase in threats and ensure your business is resilient. At the same time, we enable you to transform the CISO function and compliance processes to deal with business, legal and regulatory requirements such as GDPR far more efficiently.
- **Reduce Costs:** We can help you secure your assets, websites, apps, data centres and data at the optimal cost, identifying the most efficient governance models, striking the right balance between in-sourcing and outsourcing cybersecurity operational models, aligning capability, risk and cost appropriately.
- **Secure IoT and OT Environments:** Capgemini is expert in securing all environments from enterprise and corporate IT to operational and manufacturing technologies at scale that require specialist insight and approaches to be adopted.



**IDC MarketScape Names
Cappgemini a Leader in
Managed Security Services.**

Compelling advantages

Our ability to operate on a global scale and deliver comprehensive cybersecurity capabilities doesn't exist in isolation. It is the result of a combination of the right investments, acquisitions and tight integration, resulting in multiple competitive advantages that truly set us apart. These include:

End-to-end expertise.

In an era of disjointed security solutions and increasingly diverse attack vectors, Cappgemini is the one service provider who can bring everything together: 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.

Collaborative business experience.

Cappgemini security professionals are highly trained, certified and have the right experience, tools and technologies. We take time to understand each of our clients' business goals to ensure success. Each engagement and every service is tailored to your immediate needs, in the context of your business goals.

Cybersecurity Experience Center

A showcase for cybersecurity technology solutions from Cappgemini and partners, brought together to give you immersive experiences in attack simulations and risk mitigation solutions.

Hard data and actionable threat intelligence.

Our recommendations for improving your security posture are based on hard data points and multiple threat intelligence feeds collected and observed by our global network of CDCs 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, meet compliance requirements with less effort, and move ahead swiftly with your transformation agenda.

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. For example, our cloud automation solutions address many common cloud security concerns, enable more stringent quality checks to identify vulnerabilities, automate deployment to unburden staff, and

more. 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.

Cappgemini 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.

Cappgemini has broad and deep expertise in cloud security, enabling you to adopt a range of dedicated and hybrid cloud models safely and cost-efficiently. Cappgemini has developed a "blueprint" for achieving all aspects of cloud security regardless of the geographical region of operation. We can help you assess your current cloud security maturity level; map your current posture against security services offered in clouds such as AWS and Azure and against recognized industry standards; understand current cyber security practices and cloud transformation requirements; implement security practices and tools to protect infrastructure, applications, platforms and data in the cloud; provide recommendations to address security compliance gaps; monitor security tools; manage security incidents; deal with IoT deployments and more.

Global scale.

We are everywhere you and your networks, devices and users are, worldwide. With a global web of CDCs 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.

Cappgemini is recognized as a leading cybersecurity and managed security services provider by analyst firms such as 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.

Simplicity.

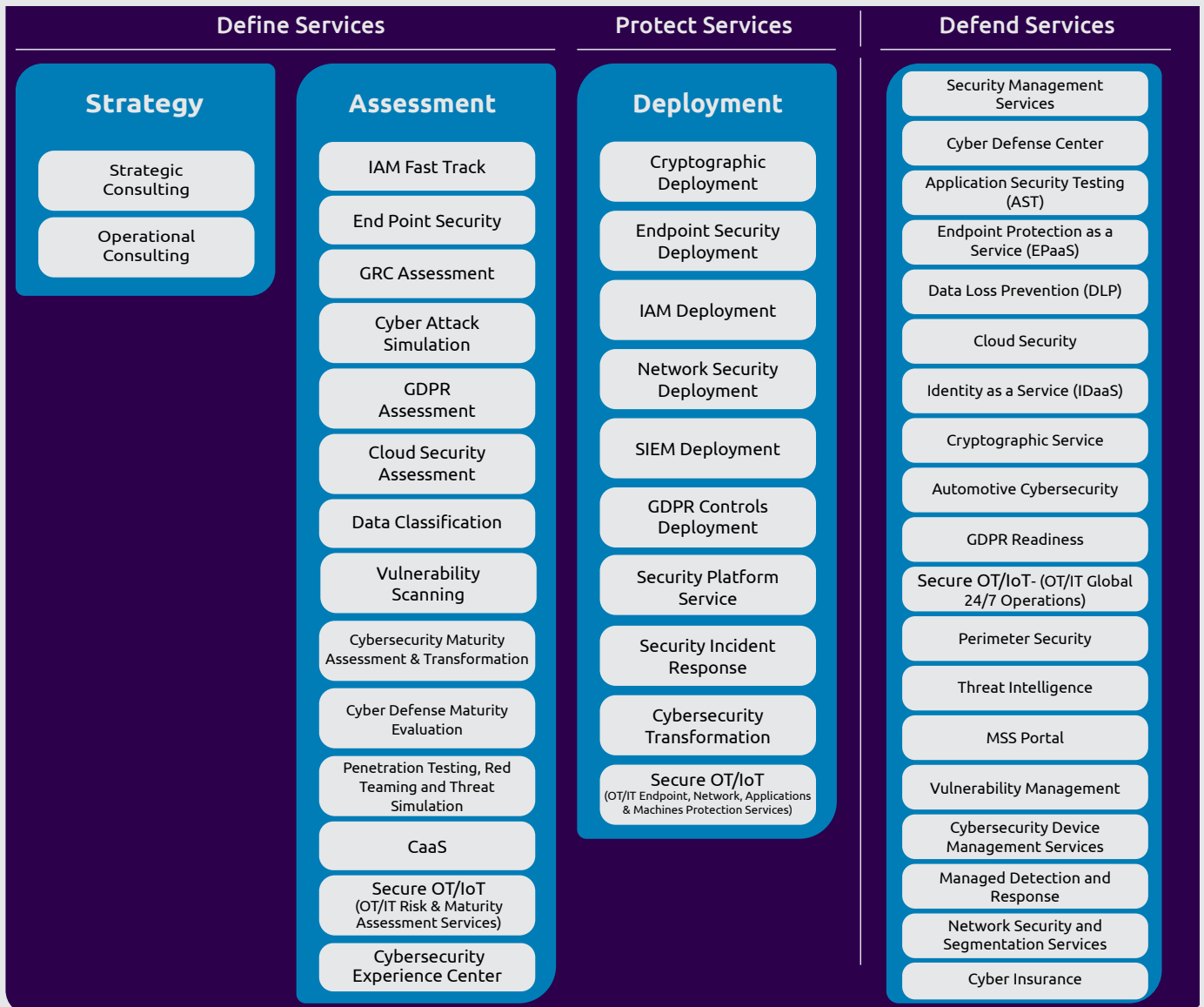
The complexity of cybersecurity can be overwhelming. We extract complexity at every turn, so you can focus on your business goals and strategic initiatives. From our consulting

services to our integrated MSS portal, to our flexible pricing arrangements and partner integration capabilities, we're here to make your life simpler while we make your enterprise safer.

Comprehensive strategy, assessment, deployment, and MSS offerings

Capgemini delivers a wide array of cybersecurity services on a consulting basis as well as a wealth of managed security services (MSS) and cybersecurity defend options. In many cases the consulting engagements transition to MSS services to create a smooth, painless transition from roadmap to reality.

The Define services address 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.



Strategy

We offer both Strategic and Operational Consulting services. The strategic offerings enable you to:

- **Strategic alignment:** We work with clients to define their security strategies and align them with business objectives, while balancing “risk appetite” with the investments needed.
- **Drive digital security transformation:** The ability to deploy appropriate governance and projects to improve digital risk management.
- **Strengthen security and data privacy:** Getting users’ engagement and delivering innovative education programs to make people the first line of defense.
- **Embed security and privacy into digital initiatives:** Developing “by design” practices to reduce risks and costs and develop digital trust

Capgemini can also help operationalize strategic security initiatives through services and programs including C-suite assistance for security transformation and compliance, risk analysis for IT project and cybersecurity objectives, security training and certification preparation, audit/implement/test/control/ of security measures, and more.

Featured Offering: Cybersecurity Maturity Assessment & Transformation

This offering helps business leaders ensure they’re making the right cybersecurity investments, in the right areas, without overinvesting in less productive areas. Using a 360° approach (technology, people, process, regulation) based on maturity and compliance assessments, Capgemini can help design the relevant transformation program based on deep insight and analysis validated with stakeholders.

Assessment

Our assessment services help you measure your cybersecurity capabilities skill sets and your readiness to implement stronger defenses and more efficient solutions. Core offerings include:

- **Cloud Security Assessment:** Provides recommendations to address public, private and hybrid cloud security compliance gaps through assessment of the cloud architecture and technology landscape.
- **IAM Fast Track:** Accelerates your move to an effective Identity & Access Management (IAM) solution by providing discovery, modelling, visioning, and architecture tailored to your needs.

- **Application Security Testing:** Undertake code development reviews to ensure new applications, systems and services are ready for safe and secure deployment.
- **Governance, Risk and Compliance (GRC) Assessment:** Examines current GRC processes across your extended enterprise and provides recommendations for modernization to enable you to respond to real risks in real time for less money.
- **Cyber Attack Simulation:** Simulates phishing, malware compiling & binding, DDOS multi-layer, SQL injection, crime kits and other exploits to give the CISO/CFO/CEO the insights needed to strengthen the security strategy moving forward into digital transformation.
- **GDPR Assessment:** Checks whether your cloud apps meet the key security requirements of GDPR, detects whether risky personal or sensitive data is exposed, finds anomalous user behavior and malware, and more.
- **Data Classification:** Helps you quantify your security risk exposures by understanding the types of information you are collecting, storing and sharing.
- **Vulnerability Scanning:** Offers a quick and comprehensive view of your security posture, as well as a clear and prioritized plan to remediate vulnerabilities that might leave your information systems open to cyber attacks.

Featured Offering: IAM FastTrack

The IAM FastTrack service enables you to deploy an initial Identity as a Service (IDaaS) rapidly and with reduced risk, delivering business benefits significantly faster than traditional approaches. Our experts help you understand how IAM can contribute to your business goals, where it fits within the bigger picture of IDaaS, and the maturity of your current IAM capabilities. The IAM FastTrack service provides an accelerated methodology for delivering a solution that integrates with the full spectrum of IAM requirements, including Identity Governance & Administration (IGA), Access Management (AM), and Privileged Access Management (PAM) as needed to meet your specific requirements.

With IAM FastTrack, business results are delivered in just days or weeks rather than months or years. And we can deploy and manage the IAM solution for you—on your premises or ours—over any period, via the cloud or through your private data center. We also give you access to a wide range of related cybersecurity services that can easily be integrated with IDaaS.



Deployment

The deployment offerings transform the plans and roadmaps generated during the strategy phase and the insights gleaned from the assessment stage into fully functional cybersecurity capabilities. Key deployment services include:

- **Cryptographic Deployment:** Capgemini will help you design and implement a cryptographic key and certificate management process that protects your data and IoT devices.
- **IAM Deployment:** Comprehensive IAM can be rapidly deployed either on-premises, or within Capgemini or partner data centers (Private Cloud). Using our RightShore model, Capgemini can also provide implementation resources using accelerated integration methods.
- **SIEM Deployment:** Our professionals can help you implement a Security Information Event Management (SIEM) solution that provides detailed, comprehensive and actionable insights to identify, respond to and mitigate targeted attacks.
- **Security Platform Services:** Capgemini experts will help you select and implement the third-party security platform that best aligns with your business goals and priorities.
- **Endpoint Security Deployment:** We will help you modernize your existing endpoint security solutions and provide support for a wide range of partner products.
- **Network Security Deployment:** Capgemini will deploy the integrated hardware and software solutions needed to protect all corporate and perimeter networks.
- **GDPR Controls Deployment:** We are industry leaders in delivering the security capabilities needed to achieve and maintain GDPR compliance.
- **Security Incident Response:** We can implement and integrate the solutions needed to address all stages of a threat's lifecycle, from incident prevention through detection to response.

Featured Offering: Cloud Security Implementation

Capgemini can help you deploy adequate security practices and tools to protect your infrastructure, applications, platforms and data in the cloud.

Our experts assist you in documenting adequate processes and implementing and configuring industry-recognized tools pertaining to data security, application security, identify & access, logging & monitoring, risk management, incident management, and awareness training. Capgemini can support both partner and third-party tools to safeguard your cloud ecosystem.

Managed Security Services (MSS)

Capgemini provides a wide range of 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. The core MSS offerings include:

- **Security Management Services:** We provide the structure to create a complete and effective security system. We identify key assets and associated security risks, implement appropriate mitigating controls, and manage the residual security risk.
- **Multitenant Managed CDC:** A unit-priced, industrialized CDC service that allows you to consume on a monthly basis the tools and expertise you need and to set up security operations quickly.
- **Managed SIEM:** Our global network of CDCs provides advanced, analytics-driven Security Information and Event Management (SIEM) management services that combine incident detection and response and monitoring based on multiple threat intelligence feeds to keep your data, users, and IT assets safe.
- **Application Security Testing (AST):** Using state-of-the-art tools from market-leading technologies, our security experts test and report on the security of your application environment and give you results via a portal, so you're constantly up to date on your app security.
- **Endpoint Protection as a Service (EPaaS):** Our experts harness this future-ready solution to proactively anticipate, define, protect, defend, and respond to threats in real time.
- **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:** 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.

- **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.
- **Automotive Cybersecurity:** We can help auto makers assess the security of their overall environment, development networks, and in-vehicle communication and infotainment systems.
- **GDPR Readiness:** We combine flexible services that enable you to comply with the needs of regulators, customers, citizens, and employees; build digital trust into your processes and systems; and equip business and IT teams with smart, automated digital services.
- **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.

Delivery Options for Managed Security Services

As-a-Service

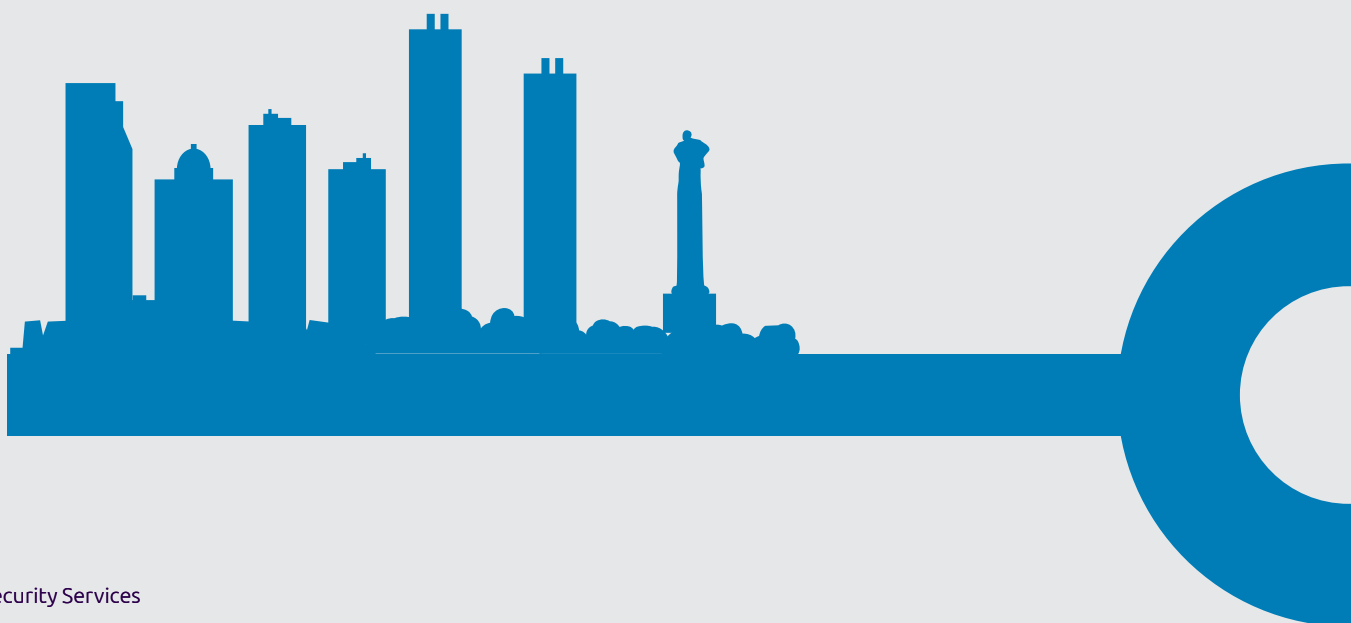
- Multiple customers sharing a single platform with protection of individual talent policies
- Local language & local presence
- Industrialized CDC services capability through the Global CDC

On Premises

- Tailored CDC to suit a client's security needs & risk profile
- managed in-house or in a Capgemini location

Hybrid

- A single seamless CDC that balances a client's resources with Capgemini's
- Improves productivity and responsiveness while reducing costs, risks and workloads



Featured Offering: **Application Security Testing (AST)**

The AST Service combines the power of market leaders to bring you a detailed picture of threats within your application environment so you can keep your apps secure. It provides fast, easy, accurate results to help you make strategic decisions, meet your app security targets and efficiently support the business.

Together with our key strategic partners, we provide a platform-based, on demand, pay-per-use service that is delivered remotely. You simply upload your applications and URL via a secure and dedicated portal. Our auditors scan results and produce assessments based on their expertise, and you receive your test results via the portal.

The AST Service can help you enhance GDPR compliance and overall application risks management, highlight potential license conflicts or unwanted obligations, and accelerate your digital transformation initiative.

Featured Offering: **Cloud Security**

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.

Featured Offering: **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.

Take control. Contact Capgemini.

The strength of your security posture, your ability to meet compliance requirements, and your ability to exploit transformational business opportunities all depend on cybersecurity.

Grab the reins and regain control. Contact Capgemini today for additional details and case studies about our unique—and uniquely effective—global cybersecurity services.



About Capgemini

Capgemini is a global leader in consulting, digital transformation, technology, and engineering services. The Group 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. A responsible and multicultural company of 265,000 people in nearly 50 countries, Capgemini's purpose is to unleash human energy through technology for an inclusive and sustainable future. With Altran, the Group reported 2019 combined global revenues of €17 billion.

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www.capgemini.com

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