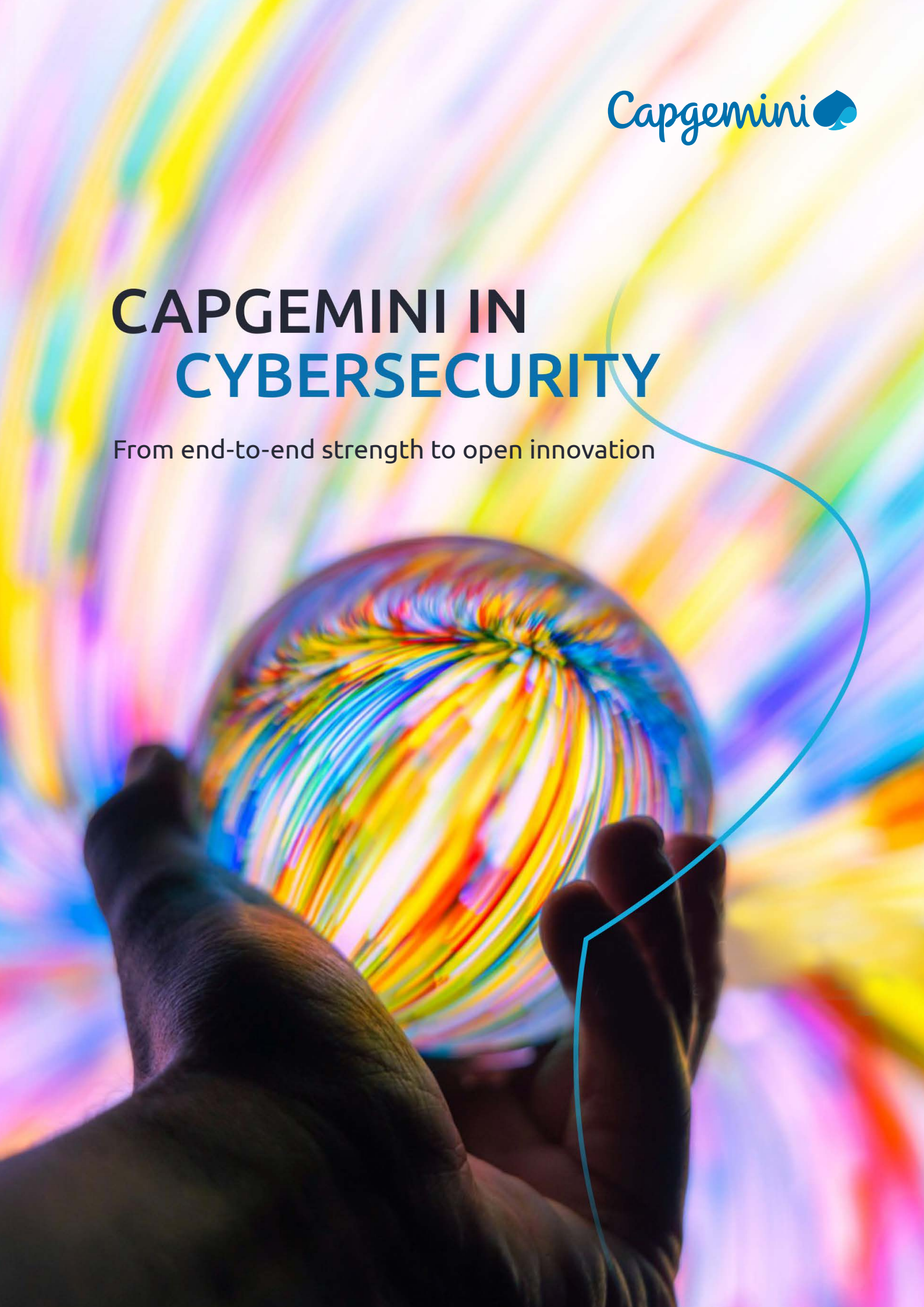# CAPGEMINI IN
CYBERSECURITY

From end-to-end strength to open innovation

Capgemini

SAFEGUARDING YOUR FUTURE ASPIRATIONS

Cybersecurity remains near the top of most organizations' strategic priority list. A situation set to continue as attack surfaces expand with every new device, connection, application, service, and user. Where the threats faced are always evolving, which in turn puts organizations under constant pressure to stay one step ahead of them. To prevent known attacks, detect the unknown, and constantly flag suspicious behavior.

But an effective cybersecurity strategy doesn't simply protect organizations in the present day. Its real value is better measured in terms of the opportunities and futures that it opens up; the collaborations, innovations, and transformations that it makes possible.

Investments in cybersecurity are reducing costs and improving customer experiences.

29 days faster | Organizations with XDR (extended detection and response) technologies identified and contained a breach 29 days faster than those without XDR.

$3.05 million USD | average savings from fully deployed security AI and automation versus no security AI and automation.

31% | of consumers feel their overall experience with companies has improved since GDPR was enacted.
- Marketing Week

SECURITY IN A CHANGING WORLD

Every organization today needs to respond to a more open, connected world. A world in which employees demand the ability to work anywhere and on any device. A world in which new products and services are more connected, where regulatory compliance is truly mission critical.

All of these challenges and changes mean that a tactical or piecemeal approach to cybersecurity is simply no longer sustainable. Instead, organizations need to embed cybersecurity principals across the business, from the cloud to networks, devices, and applications.

A challenge made harder to address by a growing cybersecurity skills gap. It's now estimated that the global cybersecurity workforce needs to grow by **65%** to effectively defend organizations' critical assets[1].

BUILDING THE FOUNDATIONS

Capgemini views cybersecurity as a key enabler that provides the secure foundations required to inspire change – while also protecting customers, employees, and investors. It is achieved through an integrated mix of specialist expertise, broad insight, and responsive technology. A holistic, deep-rooted strength that contributes to a more sustainable society, safeguards critical infrastructure and supports the smart services driving positive environmental impacts along the way.

Our approach follows the National Institute of Technology (NIST) framework:

DEFINE

Every industry and organization is different and faces different threats, strategic challenges, and innovation strategies. That's why in the Define phase our team will take a full view of the challenges and opportunities you face, from product design to

[1](ISC)² **Cybersecurity Workforce Study,** 2021

operations, manufacturing, connected consumers and more. Only then will we start to build a plan for your Protection.

We helped a global energy and utilities organization to define a new and comprehensive cybersecurity posture that would ensure zero downtime for critical health & safety and environmental controls.

PROTECT

At Capgemini our experience runs much deeper than cybersecurity. Our teams support our customers at every level, from innovation labs to Industry 4.0 transformations and the delivery of new Customer First experiences. This means that our strategies for delivering protection are routed in an understanding of the real -world operational environments you face.

We helped a telecommunications organization that provides inflight entertainment systems to the airline industry to accelerate innovation and win new business. By building their capability to deliver Android security within their products, they were able to rapidly deliver proof of concepts and impress their customers.

LOST IN **COMPLEXITY?**
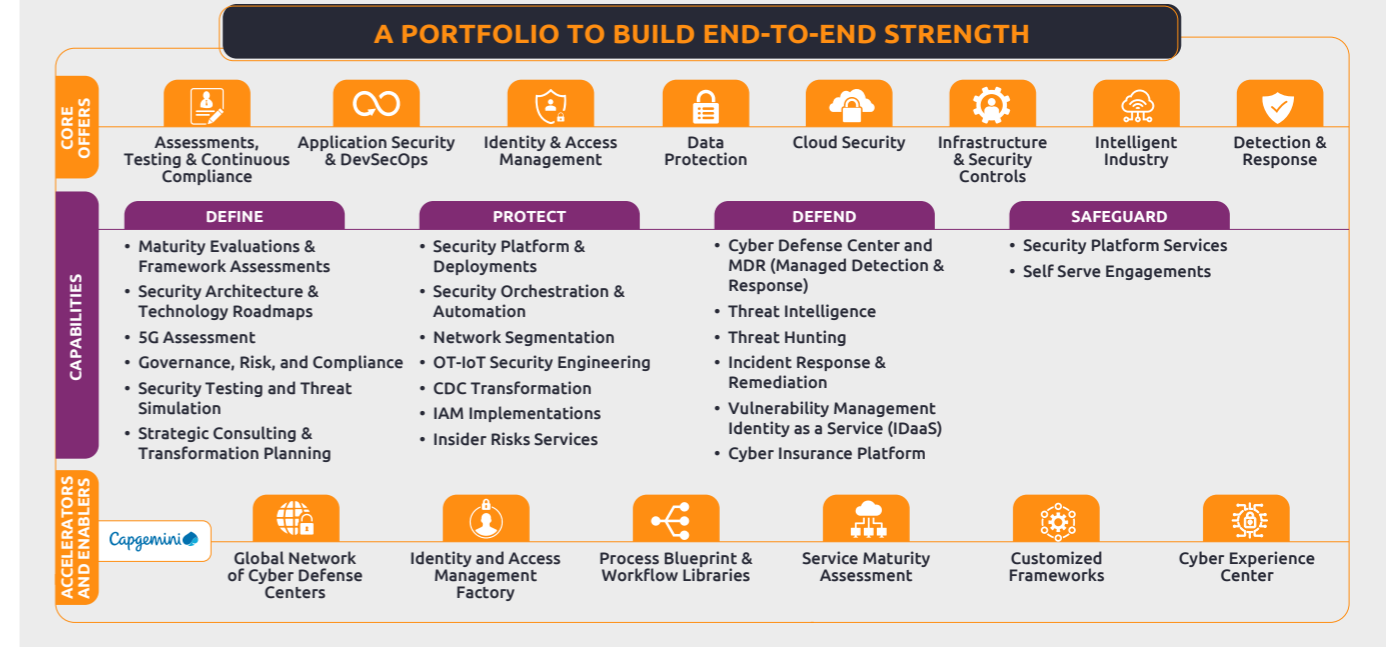
OR INSPIRED BY **POSSIBILITY?**

DEFEND

With our network of Cyber Defense Centers (CDCs) around the world in India, Europe and North America, we're able to offer our clients different delivery modes and expertise in their sectors and geographies.

We delivered a client site dedicated 24x7 Security Operations Centre, GRC, Security Engineering and Digital Forensics capability, which helped this aerospace organization to defend its broadening attack surface.

SAFEGUARD

With an ever-changing and dynamic threat environment combined with changing internal needs and priorities it's important that cybersecurity strategies are never set in stone. Taking a risk-based approach, we will work with you to adapt strategies and priorities in real time, ensuring always that cybersecurity strategies are in line with business strategies.

We helped a global automotive manufacturer to develop a dynamic approach to cybersecurity, establishing security as a part of the Vehicle Development process and continually monitoring and adapting to new threat scenarios.

A PORTFOLIO TO BUILD END-TO-END STRENGTH

CORE OFFERS							
Assessments, Testing & Continuous Compliance	Application Security & DevSecOps	Identity & Access Management	Data Protection	Cloud Security	Infrastructure & Security Controls	Intelligent Industry	Detection & Response

CAPABILITIES

DEFINE	PROTECT	DEFEND	SAFEGUARD
• Maturity Evaluations & Framework Assessments • Security Architecture & Technology Roadmaps • 5G Assessment • Governance, Risk, and Compliance • Security Testing and Threat Simulation • Strategic Consulting & Transformation Planning	• Security Platform & Deployments • Security Orchestration & Automation • Network Segmentation • OT-IoT Security Engineering • CDC Transformation • IAM Implementations • Insider Risks Services	• Cyber Defense Center and MDR (Managed Detection & Response) • Threat Intelligence • Threat Hunting • Incident Response & Remediation • Vulnerability Management Identity as a Service (IDaaS) • Cyber Insurance Platform	• Security Platform Services • Self Serve Engagements

ACCELERATORS AND ENABLERS

Global Network of Cyber Defense Centers	Identity and Access Management Factory	Process Blueprint & Workflow Libraries	Service Maturity Assessment	Customized Frameworks	Cyber Experience Center

MANAGING **RISK?**

OR UNLOCKING **OPPORTUNITY**

SECURE FOUNDATIONS CREATE OPEN FUTURES

Cybersecurity today demands a new mindset. Far from being viewed as just another cost of doing business, leading organizations now see it as an investment in innovation and growth:

- **More agile:** when no longer acting as a brake on ingenuity, end-to-end protection can be a catalyst for empowering new ideas
- **More open:** with greater strength emerges the confidence to seek closer engagement with customers
- **More collaborative:** end-to-end protection also encourages dynamic connections with suppliers, partners, and customers

Empowering wider transformation initiatives

Few organizations are going to embrace new technologies and working practices without first gaining confidence and trust in their cybersecurity. But once dynamic, proactive, end-to-end protection is in place, it becomes far easier to accelerate moves to the cloud, to fully exploit IoT, AI, and automation technologies, and to embrace the potential of Intelligent Industry.

Enabling a new sense of purpose and mobility

With secure foundations, the processes for developing innovative products and services become not just more secure, but also easier, faster, and more agile. Where new partnerships can be quickly introduced, alongside new components, data, and users, knowing the security is in place to instantly assess, detect, and protect. An environment that encourages more open interactions, and directly contributes to a more people friendly, energetic, and flexible working culture.

HELPING YOU GROW STRONGER EVERY DAY

At Capgemini, our mission is to help clients create end-to-end strength in cybersecurity. From the supply chain to product design, manufacturing and operations to the remote workplace. We apply our in-depth industry expertise in each of these areas to help ensure powerful cybersecurity is ever-present, while also making it as invisible as possible.

Putting experience to work

With our extensive industry footprint, Capgemini appreciates how innovation is encouraged through comprehensive and elastic cybersecurity. That's why our capabilities are fully aligned to protecting more open business operations, based on our intrinsic understanding of how information flows, and what needs to be done to facilitate the safe sharing of knowledge.

The result is an end-to-end approach that is proven to deliver tangible, real-world results, with capabilities that include:

- The delivery of zero trust security controls across an extended digital infrastructure.
- Global Cyber Defense Centers running 24/7 to sense in advance an emerging threat and to guide our clients' responses.
- A Computer Emergency Response Team (CERT) that helps coordinate reactions to any potential breach to limit its impact.

Our skills and capabilities are extended through an ecosystem of partners, which together help us engage at the deepest possible level with clients. We act as trusted advisors as much as delivery partners, developing and reinforcing their own understanding of cybersecurity best practice. This is Capgemini in cybersecurity. We secure foundations, create open futures, and inspire an inclusive and sustainable future.

GET THE FUTURE YOU WANT

End-to-end strength in cybersecurity today is the key foundation on which future innovation and growth is built.

Create a more open and dynamic future for your organization. Contact Capgemini to understand how we are uniquely positioned to help you structure cybersecurity strength from the ground up.

WHEN YOU'RE **STRONGER INSIDE,** YOU'RE MORE **OPEN** TO THE **OUTSIDE**

About Capgemini

Capgemini is a global leader in partnering with companies to transform and manage their business by harnessing the power of technology. The Group is guided everyday by its purpose of unleashing human energy through technology for an inclusive and sustainable future. It is a responsible and diverse organization of 360,000 team members in more than 50 countries. With its strong 55-year heritage and deep industry expertise, Capgemini is trusted by its clients to address the entire breadth of their business needs, from strategy and design to operations, fuelled by the fast evolving and innovative world of cloud, data, AI, connectivity, software, digital engineering and platforms. The Group reported in 2022 global revenues of €22 billion.

Get the Future You Want | **www.capgemini.com**

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