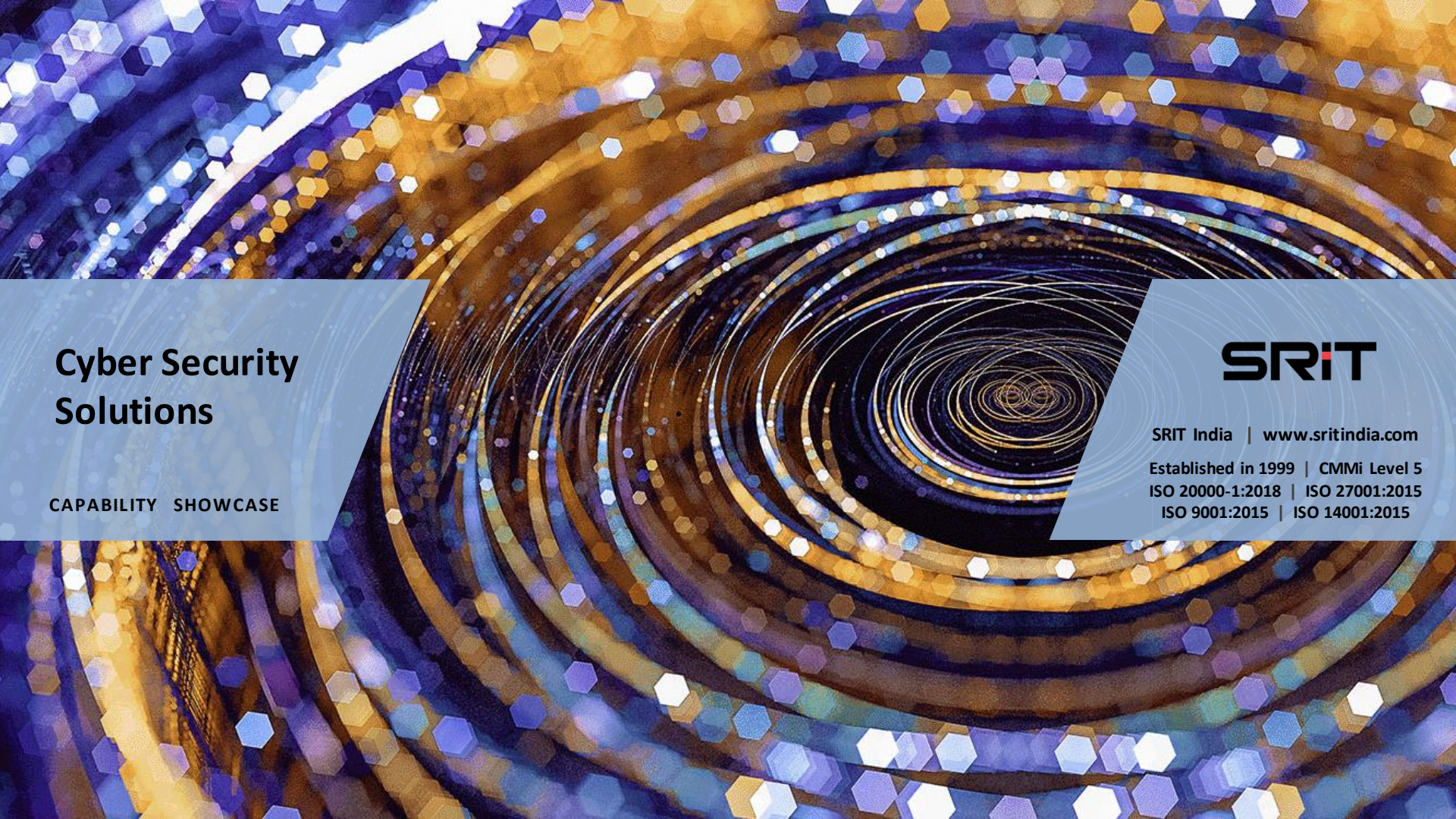


Cyber Security Solutions

CAPABILITY SHOWCASE

SRIT

SRIT India | www.sritindia.com

Established in 1999 | CMMi Level 5
ISO 20000-1:2018 | ISO 27001:2015
ISO 9001:2015 | ISO 14001:2015

Agenda

1. Overview
2. Products
3. Solutions
4. Consulting
5. Training
6. Practice
7. SRIT

1

Cyber Security OVERVIEW

Cybersecurity: Linchpin of the digital enterprise

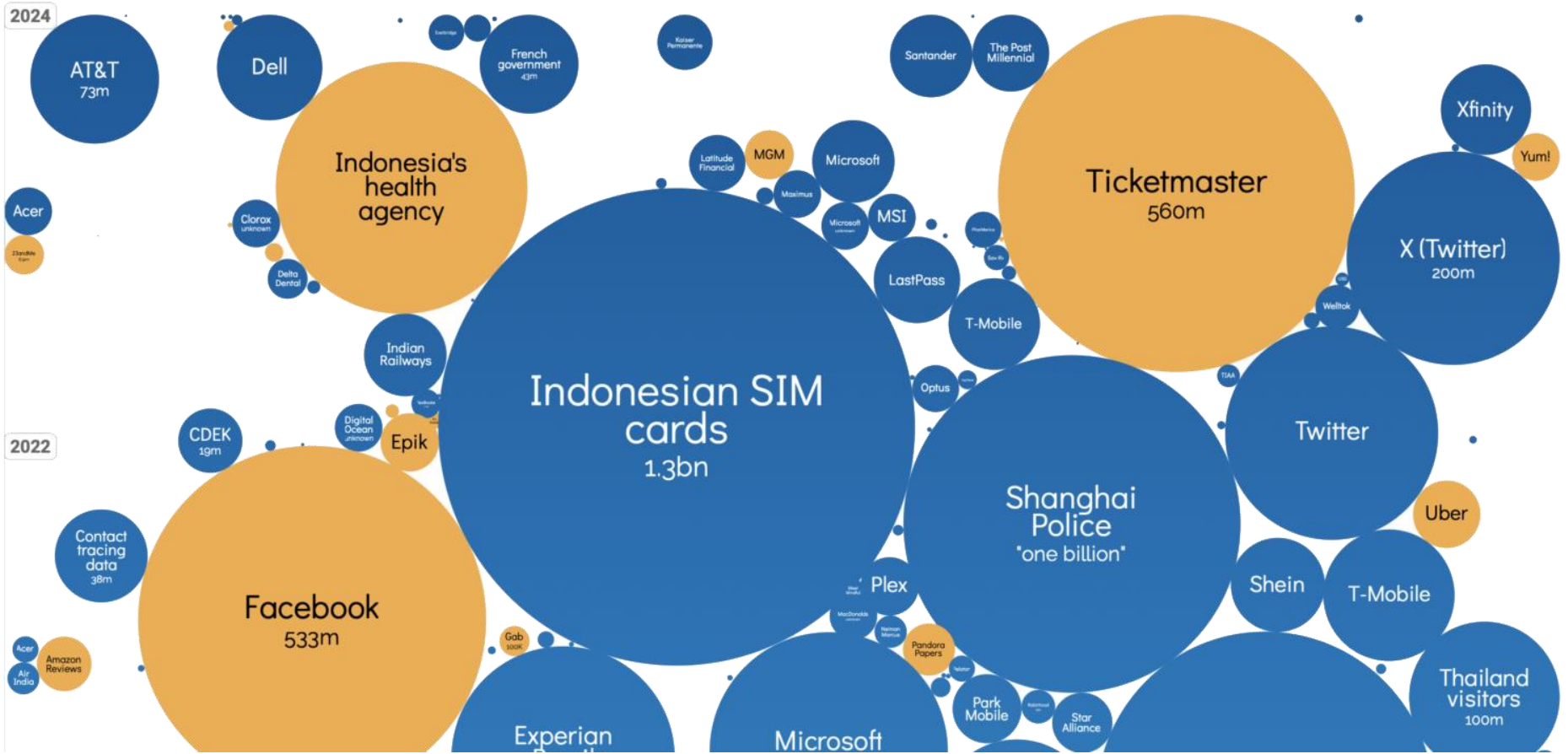
Digital transformation is a new vector of development opportunities. Its corollary is the increase of the attack landscape. Image damage, fraud, data theft, service interruption, etc.

As companies digitize businesses and automate operations, cyber risks proliferate; and it becomes more relevant how the cybersecurity organization can support a secure digital agenda.

The challenge is to limit and control these risks. We help providing the foundation for trust, security becomes one of the key catalysts for your digital transformation!

© 2023-24: SRIT India Pvt. Ltd. All rights reserved.

World's biggest data breaches (updated June 2024)



© 2023-24: SRIT India Pvt. Ltd. All rights reserved.

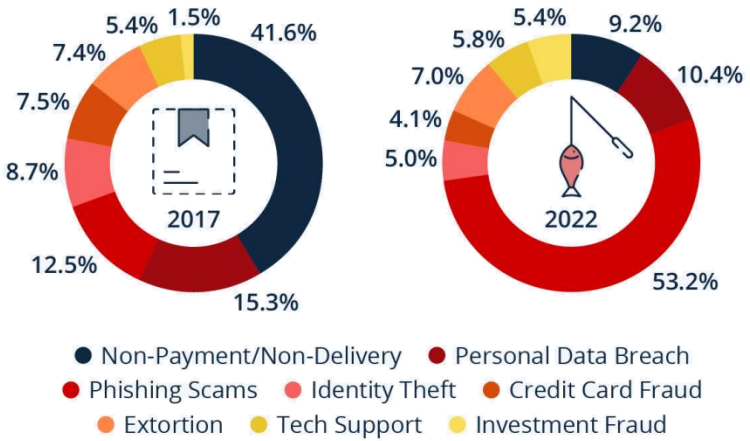
Solution Focus

Public and private organizations are subject to millions of cyberattacks every month. That's why we shouldn't wait for something to happen and react with a tactical plan.

Cybercrime is ever more prevalent, and in 2024 it's estimated to create losses amounting to $6 trillion. Business organizations and government agencies need to have a proactive approach for safeguarding from cyber threats. SRIT's Cyber Security Practice team helps you develop a strategy to staying ahead of threats and recover quickly from any that might succeed. We help establish cyber resiliency and implementing a cybersecurity strategy aligned with your priorities

We also work closely with telecom, technology hardware and software companies and service providers to develop cybersecurity product strategies and go-to-market plans. And our Cybersecurity Commercial Due Diligence expertise has enabled private equity firms and other investors to gain a clear understanding of the differentiation of the target cybersecurity company, its overall competitive landscape, emerging customer needs and demand implications of key trends.

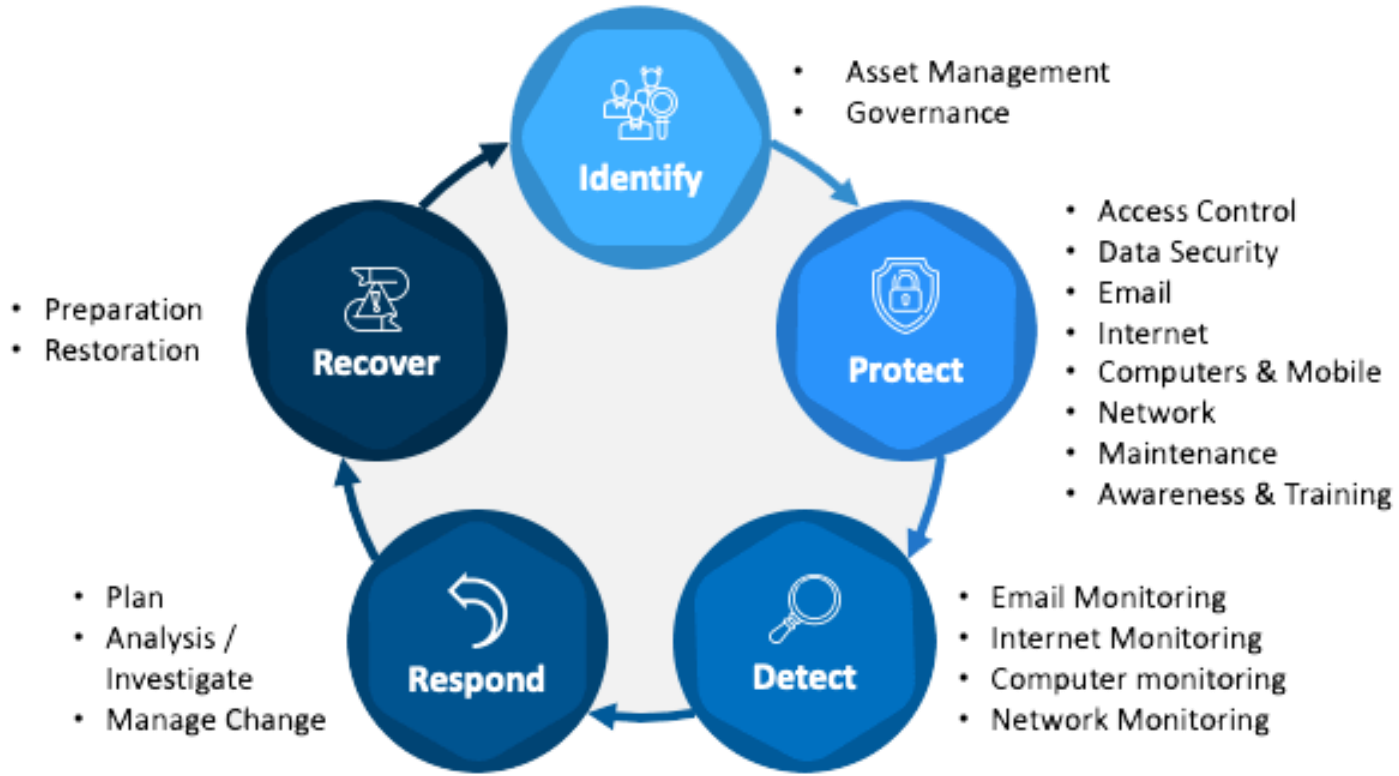
Most Prevalent forms of Cyber Threats



Share of worldwide attacks by type

© 2023-24: SRIT India Pvt. Ltd. All rights reserved.

SRIT's Prescribed Cyber Security Framework



© 2023-24: SRIT India Pvt. Ltd. All rights reserved.

2

Cyber Security PRODUCTS

Product based Cyber Security Solutions

SRIT provides products and solutions with industrial cybersecurity functions that support the secure operation of plants, systems, machines and networks.

In order to protect plants, systems, machines and networks against cyber threats, it is necessary to implement – and continuously maintain – a holistic, state-of-the-art cybersecurity concept.

Products and solutions from SRIT constitute the core components of such a concept.

© 2023-24: SRIT India Pvt. Ltd. All rights reserved.

Product Portfolio

All Cyber Security Hardware and Software based products to meet customer requirement can be provided.

- Antivirus Software: Protects against malware, including viruses, worms, and Trojans.
- Firewall: Monitors and controls incoming and outgoing network traffic based on security rules.
- Intrusion Detection Systems (IDS): Monitors network traffic for suspicious activity and alerts administrators.
- Intrusion Prevention Systems (IPS): Monitors and takes action to prevent detected threats.
- Endpoint Security: Protects endpoints such as laptops, mobile devices, and desktops from cyber threats.
- Data Loss Prevention (DLP)/Data Security: Protects sensitive data from being lost, stolen, or accessed by unauthorized users.
- Encryption Tools: Secures data by converting it into a code to prevent unauthorized access.

© 2023-24: SRIT India Pvt. Ltd. All rights reserved.

Product Portfolio

- Security Information and Event Management (SIEM): Provides real-time analysis of security alerts generated by network hardware and applications.
- Identity and Access Management (IAM): Ensures that the right individuals have access to the right resources at the right times for the right reasons.
- Virtual Private Network (VPN): Secures internet connections by encrypting data transmitted over the network.
- Web Security: Protects against web-based threats, including malicious websites and phishing attacks.
- Email Security: Protects against email threats, including spam, phishing, and email-borne malware.
- Threat Intelligence Platforms: Provides insights and information on potential and current threats.
- Security Awareness Training: Educates employees about cybersecurity best practices and threat prevention.
- Cloud Security Solutions: Protects cloud-based infrastructure, platforms, and applications.
- Networking: Connecting and monitoring the network

© 2023-24: SRIT India Pvt. Ltd. All rights reserved.

3

Cyber Security SERVICES

Cyber Security Services

SRIT supports and helps organizations design, automate and run tailored management cyber risk programs; transfer risk via cyber insurance; and ensure compliance with cybersecurity regulations.

SRIT helps organizations elevate cyber to a board level topic by establishing their strategic direction, talent management programs and structures and formulating and reporting on actionable roadmaps.

© 2023-24: SRIT India Pvt. Ltd. All rights reserved.

Service Portfolio

Security Assessment and Audits

- Vulnerability Assessments: Identifying vulnerabilities in systems and networks.
- Penetration Testing: Simulating attacks to identify and fix security weaknesses.
- Compliance Audits: Ensuring adherence to regulations and standards (e.g., GDPR, HIPAA).

Managed Security Services

- Managed Detection and Response (MDR): Continuous monitoring and response to threats.
- Security Operations Center (SOC): Outsourced monitoring and management of security incidents.
- Threat Hunting: Proactively searching for undetected threats within the network.

Incident Response

- Incident Response Planning: Developing plans and procedures for responding to security incidents.
- Incident Management: Handling and mitigating security breaches in real-time.
- Forensic Analysis: Investigating and analyzing the causes and impacts of security incidents.

© 2023-24: SRIT India Pvt. Ltd. All rights reserved.

Service Portfolio

Threat and Vulnerability Management

- Vulnerability Assessments: Identifying and evaluating security vulnerabilities.
- Penetration Testing: Simulating attacks to identify and fix security weaknesses.
- Threat Modeling: Analyzing potential threats to prioritize security efforts.

Data Protection and Privacy

- Data Classification and Handling: Implementing data classification schemes and handling procedures.
- Encryption Strategy: Developing strategies for encrypting sensitive data.
- Privacy Impact Assessments: Evaluating the impact of projects and policies on data privacy.

Third-Party Risk Management

- Vendor Risk Assessments: Evaluating the security practices of third-party vendors.
- Contractual Security Requirements: Establishing security requirements in vendor contracts.

© 2023-24: SRIT India Pvt. Ltd. All rights reserved.

4

Cyber Security CONSULTING

Consulting Assignments

Today, companies large and small alike are subject to millions of cyberattacks each month. That's why tactical improvements aren't enough. Our Cybersecurity Maturity Assessment helps you develop a strategy to fend off most attacks and recover quickly from any that might succeed.

Cyber security at its core is about products, people, technology, and ongoing processes.

And it's clear that we all need to join forces to ensure that every link of the cybersecurity chain is as strong as possible.

Cyber security is a shared responsibility that requires the following stakeholders – including end customers – to work together.

© 2023-24: SRIT India Pvt. Ltd. All rights reserved.

SRIT's 7 step approach to Cyber Security

© 2023-24: SRIT India Pvt. Ltd. All rights reserved.

Consulting Portfolio

Cybersecurity is not just about managing risk, it's also a strategic issue that shapes product capability, organizational effectiveness, and customer relationships.

SRIT brings the full power of our firm, leveraging both industry and functional expertise, to help our clients.

Security Strategy and Planning

- Risk Assessment and Management: Identifying, evaluating, and prioritizing potential security risks.
- Security Roadmap Development: Creating a strategic plan for long-term security initiatives.
- Policy and Procedure Development: Establishing security policies, procedures, and guidelines.

Compliance and Regulatory Guidance

- Compliance Audits: Ensuring adherence to industry regulations and standards (e.g., GDPR, HIPAA, PCI-DSS).
- Gap Analysis: Identifying gaps between current practices and compliance requirements.
- Regulatory Reporting: Assisting with mandatory security reporting and documentation.

© 2023-24: SRIT India Pvt. Ltd. All rights reserved.

Consulting Portfolio

Security Architecture and Design

- Network Security Design: Designing secure network architectures.
- Application Security Design: Integrating security into application development processes.
- Cloud Security Design: Designing secure cloud environments and architectures.

Identity and Access Management (IAM)

- IAM Strategy and Roadmap: Developing a comprehensive IAM strategy.
- Access Control Policies: Creating and implementing policies for access control.
- Identity Governance: Managing and governing user identities and access rights.

Continuous Monitoring: Ongoing monitoring of third-party security practices.

- Business Continuity and Disaster Recovery
- Business Impact Analysis (BIA): Assessing the impact of potential disruptions.
- Disaster Recovery Planning: Developing plans to recover from disruptions.
- Business Continuity Planning: Ensuring operations can continue during and after a crisis.

© 2023-24: SRIT India Pvt. Ltd. All rights reserved.

5

Cyber Security TRAINING

Training and Capacity Building

If cyber security teams are to become true enablers of digitization, they must transform their capabilities along three dimensions.

They must improve risk management, applying quantitative risk analytics.

They must build cyber security directly into businesses' value chains.

And they must support the next generation of enterprise-technology platforms, which include innovations like agile development, robotics, and cloud-based operating models.

© 2023-24: SRIT India Pvt. Ltd. All rights reserved.

Training Portfolio

Security Awareness and Training

- Employee Training Programs: Developing and delivering security awareness training.
- Phishing Simulations: Conducting simulated phishing attacks to test and train employees.
- Executive and Board Training: Educating leadership on cybersecurity risks and strategies.

Incident Response Planning

- Incident Response Plan Development: Creating a detailed plan for responding to security incidents.
- Tabletop Exercises: Simulating incident response scenarios to test and improve plans.
- Breach Investigation and Forensics: Analyzing and responding to security breaches.

Training Courses Offered

- Hacking Fundamentals
- Networking Nexus
- Hackers Bridging Course
- OHSC - Offensive Hacking and Security Certification
- CVAPT - Certified Vulnerability and Penetration Tester
- CWAPT - Certified Web Application Penetration Tester

© 2023-24: SRIT India Pvt. Ltd. All rights reserved.

Training Portfolio

- CSOC - Certified SOC Analyst
- CBHE - Certified Bug Hunting Expert
- CTHS - Certified Threat Hunting Specialist
- CFE - Certified Firewall Expert
- SOC Expert
- Certified Web Applicatiojn Penetration Tester
- Certified Penetration Tester
- Cyber Security Lead Auditor
- Certified Threat Hunting
- Certified Hacking And Bug Hunter
- Cyber Security Marketing Consultant
- Android Hacking
- Train The Trainer
- CISA
- CISM
- CISSP
- CISO
- CEH
- All Mile2 Certifications

© 2023-24: SRIT India Pvt. Ltd. All rights reserved.

6

Cyber Security PRACTICE

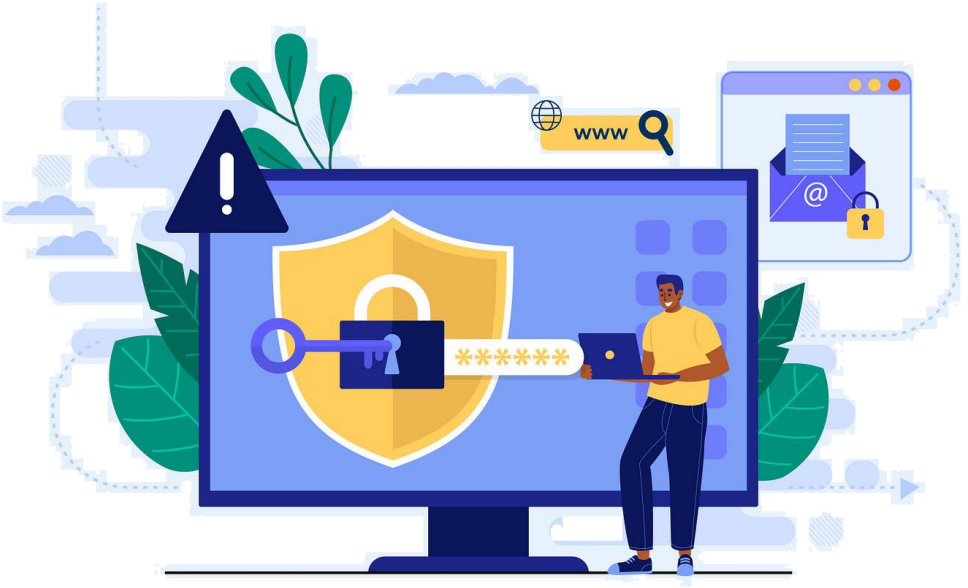
CS
Practice

Cyber Security Practice at SRIT

Cybersecurity is often viewed as an intimidating topic and a purely technical issue. But it is not only up to the IT department or the chief information security officer (CISO) to defend against malicious actors. CEOs, boards, and the C-suite need to strengthen cybersecurity programs and integrate them into broader strategies.

They must ask challenging questions, hold leaders accountable, and ensure everyone is trained on appropriate protocols. A well-functioning cyber program not only helps protect crown jewels but can also be a strategic differentiator.

SRIT's Cybersecurity Maturity Assessment goes far beyond the scope of a typical security audit—it provides a foundational analysis on which you can build a truly robust and resilient cybersecurity program. Our deep expertise in enterprise technology, cloud computing, digital operations, and other relevant areas ensures that we can help you not only develop a powerful cybersecurity strategy, but implement it effectively.



© 2023-24: SRIT India Pvt. Ltd. All rights reserved.

CS
Practice

Cyber Security Practice at SRIT

Every aspect of the digital enterprise has important cybersecurity implications.

To ensure the trust of your ecosystem (customers, partners, employees) and your regulatory compliance, it is essential to work with recognized trusted operators, particularly in the areas of detection and response.

SRIT's team of consultants, experts and analysts support your project through the key stages of cybersecurity, from security strategy to daily monitoring and interaction operations.

Their mission: to guarantee the resilience of your IS in real time and protect your information assets.

© 2023-24: SRIT India Pvt. Ltd. All rights reserved.

Domains Served

Banking, Finance, Securities & Insurance	Healthcare & Pharmacy	Government / Government Arms	Information Technology & ITES	Telecom & Internet Service Providers
Education/ Academia	Defense	Police and Internal Security	Legal Compliance	Satellite Communications
Aerospace & Aviation	Transportation & Logistics	Mining &Power	Media &Entertainment	Oil & Gas

© 2023-24: SRIT India Pvt. Ltd. All rights reserved.

Practice Head

Dr. Shubha Sunil is a highly seasoned information security professional and a leading authority in cybersecurity within India. With over two decades of experience, she has spearheaded and successfully executed numerous information security projects and services across a spectrum of organizations, from small and medium-sized enterprises to large corporations and multinational entities.

Her expertise extends to engagements with public sector agencies and governmental departments not only in India but also across regions such as Australia, the USA, the Middle East, and South-East Asia. Notably, she has provided counsel to various Government security agencies, including the Supreme Court of India, the Indian Navy, and the NTPC.

Dr. Shubha's multifaceted skill set encompasses technical training, syllabus development, cybersecurity auditing, forensics, cyber policy formulation, implementation, and consultancy in cyber law, catering to diverse sectors and domains. Currently, she holds a pivotal role as a member of the National Cyber Safety and Security Standards Technical Committee, contributing to the establishment and maintenance of national cybersecurity standards.

Additionally, she is a Certified Anti-terrorism Specialist, further underlining her commitment to safeguarding digital infrastructure, internationally recognized for her expertise,

Dr. Shubha is a frequent speaker at prestigious industry conferences such as APWG, STC of USA, NASSCOM, ASSOCHAM, and FKCCI. She also actively participates in symposiums and conferences at the international level and those organized by universities, sharing insights and best practices in cybersecurity.

In the media landscape, Dr. Shubha is a trusted commentator on matters related to cybercrime and information security, lending her expertise to provide valuable perspectives on evolving threats and mitigation strategies.

Her contributions extend beyond professional engagements; Dr. Shubha has played a pivotal role in shaping cybersecurity education. She has developed curricula for cybersecurity programs at esteemed institutions like the National Law School of India University and has outlined skill outcomes for M.Tech programs in various universities in India and abroad, ensuring a robust foundation for future cybersecurity professionals.

© 2023-24: SRIT India Pvt. Ltd. All rights reserved.

7

About SRIT

SRIT Profile Snapshot

SEI-CMMi Level 5
SSE-CMM Level 5
ISO/IEC 27001:2013
ISO/IEC 20000-1:2018
ISO 9001:2015

Process Certifications that assure reliable delivery

Deloitte. Technology Fast50

Top 50 Fastest Growing Tech. Company for 4 consecutive years

Baxter · Shell · BCG · TÜVRheinland

Serving Fortune 500 Clientele across the globe

HQ in Bengaluru, since 1999, SRIT has done multiple projects across 21 countries

Our technology solution expertise in urban governance spans two decades.

Our client retaining period outlives our competitors by nearly three times.

© 2023-24: SRIT India Pvt. Ltd. All rights reserved.

SRIT Business Snapshot

Established in 1999

Headquartered in Bangalore

Capitalized at INR.1550 Mill

Resources : 1024 people (as at 31 March 2023)

16
Years of software development for TUV Rheinland

5
Years of software development for BCG

5
Years of software development for Baxter Healthcare Inc

1150
Hospitals covered in State-wide eHealth, system “ArogyaSri”

476
Urban Development Offices in Karnataka through Nirmana 2.0

5
Mn USD BSS development for Bahrain Telecommunication

12.6
Mn USD end-to-end eHealth (HMIS) development for IMTAC

80
Mn USD Telecom Infra Project for Defence sector BEL

46
Mn USD Centralized Health Systems Project in India

28
Mn USD Managed Service Provider for RailTel pan India

Governance

Healthcare

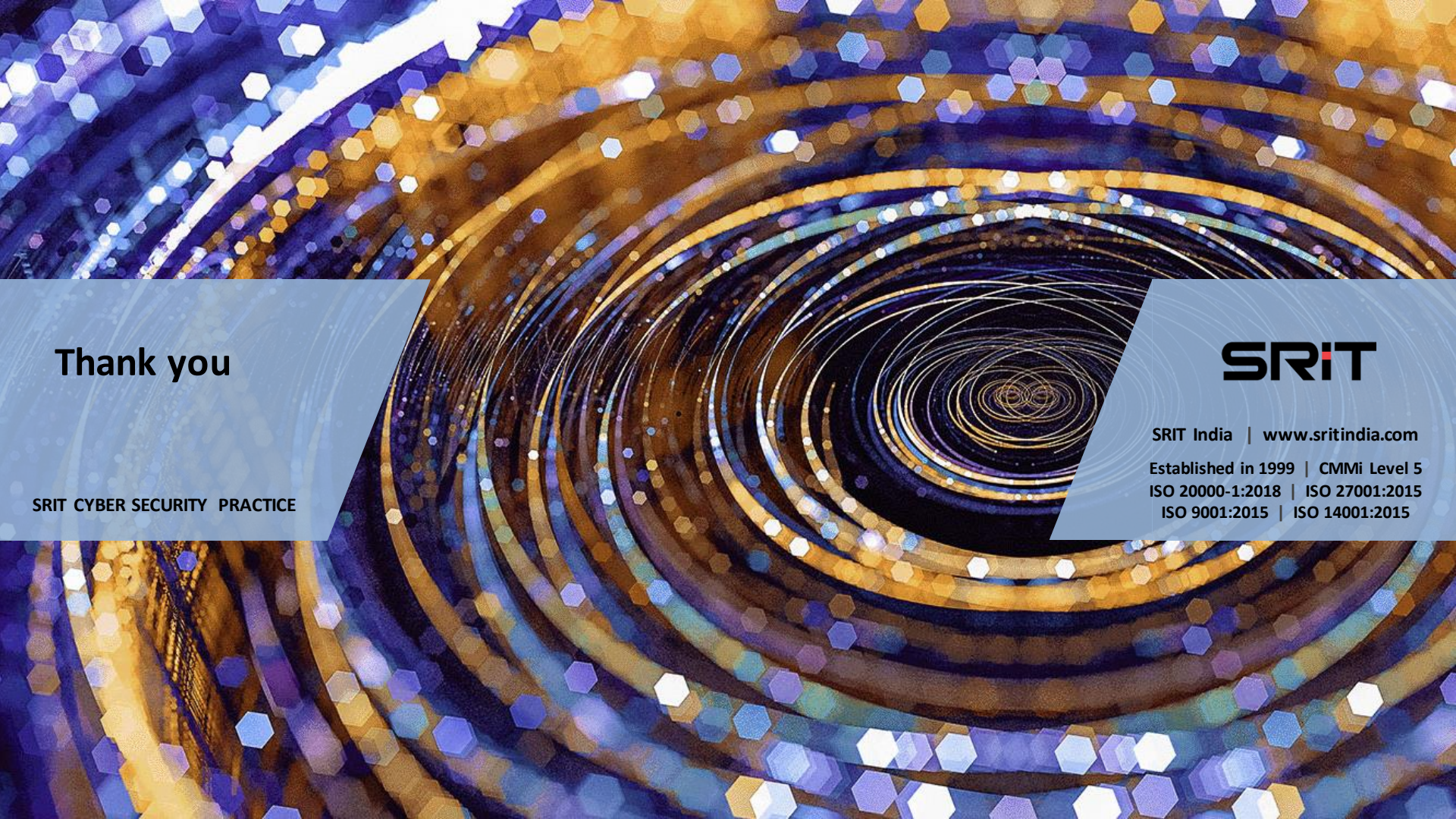
Telecom

Mobility Ticketing

Urban Development

Offshore Development

© 2023-24: SRIT India Pvt. Ltd. All rights reserved.



Thank you

SRIT CYBER SECURITY PRACTICE

SRIT

SRIT India | www.sritindia.com

Established in 1999 | CMMi Level 5
ISO 20000-1:2018 | ISO 27001:2015
ISO 9001:2015 | ISO 14001:2015