TM Systems

Simplifying Technology
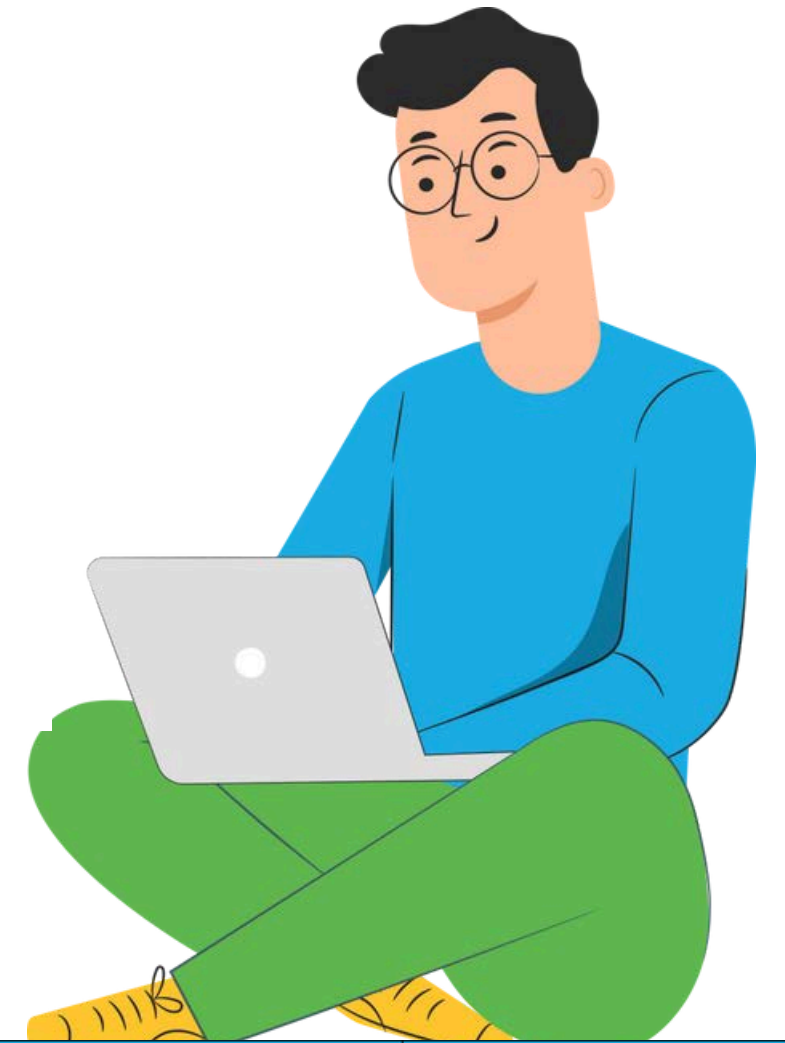
CYBER SECURITY SERVICES

Consulting

Training

CONSULTING

CyberSecurity Assessment Steps for your organization

1. Assement of ICT Infrastructure or Applications

2. Identification of Security gaps in ICT Systems

3. Share report with recommnedations

4. Help implement recommendations

5. Train and educate to necessary stakeholders

6. Provide 24 x 7 Security monitoring services

Compliance

We help companies prepare for their compliance certifications. Compliance audit will give an idea of whether the organisation is operating in line with the current laws, industry standards & company goals. We provide consulting for:

- ISO 27001
- PCI-DSS
- HIPAA
- GDPR, ISAE and more.

Compliance for a Chain of Hospitals

Success Story: ISO & IT compliance checks for a chain of hospital

Location: India

Introduction: A Hospital chain came to us for compliance check of their ICT systems.

Challenge: The hospital chain wanted to check their cybersecurity posture and be Cyber resilient where they can identify, respond to, and recover if there is an incident.

Our Solution: We audited the Hospital chain's infrastructure and network across India helping them to be ready for compliance and also prepare a incident response plan for them.

Impact: The company was able to achieve their respective compliance certificate.

Compliance for Financial services provider

Success Story: Compliance checks for a Financial service provider to get a banking license

Location: The Netherlands

Introduction: A Financial services provider came to us with a case where they wanted to be PCI DSS compliant

Challenge: Client was a startup and process maturity was missing.

OurSolution: Process design and implementation, Control design and implementation, self assessment mechanism & employee training.

Impact: The company is now PCI DSS compliant

Infrastructure Audit

Conducting a cybersecurity infrastructure audit is crucial for identifying and mitigating potential security risks within your organization's ICT environment

Infrastructure audit :
- Scope Definition
- Inventory of Assets
- Risk Assessment
- Testing and Scanning
- Reporting and Mitigation

Network & Infrastructure audit for Pharmaceutical organization

Success Story: Network & Infrastructure Audit for a Pharmaceutical organization which operates worldwide

Location: Worldwide

Introduction: A Pharmaceutical organisation had ransomware attack and data was encrypted

Challenge: The client came to us when they detected an attack after 2 months in their existing infrastructure and backup was also encrypted.

Our Solution: We performed compromise assessment and isolated infected systems to stop spread of infection. Implemented configurations to improve their existing security monitoring systems.

Impact: We were able to recover the data, strengthen the infrastructure using existing systems and save cost for the client.

Infrastructure audit for Healthcare Giant

Success Story: Infrastructure Audit for a Healthcare organization which operates in multiple countries

Location: Multiple Countries

Introduction: A Healthcare organisation with possible infrastructure compromise.

Challenge: Client was not aware of the extent of breach and possible data leakage.

Our Solution: We did the forensic analysis to determine the extent of the breach and implemented corrective security controls.

Impact: Timely assessment helped the client identify the gaps and implement long term security controls.

Application Security

Application security assessment would check for security vulnerabilities on the application layer. This will help prevent the application from being hacked and minimise the risk of data exposure.

Application security audit :
- Web Applications
- Mobile Applications
- API Security
- Native Cloud Applications

Application Security for a Sports Management Application

Success Story: Application Security Assesment for Sports App

Location: Singapore

Introduction: A reputed Sports Tech (Events) company who handles about 10000 daily customers wanted to make sure that their app was secure and compliant

Challenge: VAPT testing of the mobile and web application containing multiple PII's and sensitive data.

Our Solution: We performed source code analysis, penetration testing & compliance assessment

Impact: Multiple security and compliance issues were addressed which in turn provided more secure platform for customers and allowed client to pass regulatory requirements in Singapore**.**

Network Security

Network security assessment help identify the security issues in an organisation's internal & external IT infrastructure.

Audit checks:
- Operating Systems
- Systems and Network Configuration
- IT Policies
- Hardware Devices including Firewall
- and more

Network Security for a Manufacturing Unit

Success Story: Network Security Assessment for Manufacutring Company

Location: India

Introduction: A medical supplies manufacturing unit catered to sensitive medical receipes as well as medical formulations. We were approached to make sure information flow across the network was secure.

Challenge: The network infrastructure was a combination of legacy as well as modern systems.Also It was a live infrastrucutre so assessment had to be carried out ,where operations are not affected.

Our Solution: System specific assessment plans were formulated and the network assessment was carried out using industry leading tools such as Nessus & Qualys.

Impact: We were able to find out the security issues in the infrastrcture and help the IT team address/fix those issues.

OT Security

Operational Technology assessment help identify the security issues in organisations responsible for critical infrastructures .Our team consists of ISA 62443, GICSP , Claroty, Nozomi, Dragos and ISC2 Certified Experts Services:

- OT Security Assessment
- Infrastructure Design
- Security Program Design
- Tool Implementation
- Test Bed Setup
- Awareness & Training

OT Security for a Utility Company

Success Story: OT security vulnerability assessment and checks for Power Utility Company

Location: India / Germany

Introduction: Power Utility company came to us with a case where they wanted to minimize the impact of cyber attacks on their network

Challenge: Auditing legacy protocols & live infrastrcture

Our Solution: Perfomed vulnerability assessment as trained the security to perform internal security reviews as well as deal with attacks. Training was carried out using labs and simulations

Impact: The company understood the importance of regular assessments vis-a-vis checklist based assessment.

Legal Tech

We help companies with Legal tech services. Our Lawyers ensure that seamless legal guidance is available to all our clients.

- Cyber security and cyber crime investigation
- Digital forensics
- Drafting all types of techno-legal agreements
- Compliances under DPDP Act, GDPR and other national and international regulations
- ISO certifications and compliances
- Cyber consulting services and information security practices
- Full litigation support

Legal Tech for a Multi National Corporation

Success Story: Forensic investigation in collaboration with a Law Firm

Location: India

Introduction: A Financial services provider came to us with a case of fraud and online defamation of a CEO by one of the ex-employees.

Challenge: Client wanted to provide evidence of ex-employee's fraud, defamation

Our Solution: We used cyber forensic tools to report on the fraud and defamatory emails/posts, detailing how, when, and who was involved

Impact: The court admitted the digital evidence procured by us together with Sec. 63B certificate and company got the desired judgment and order in the legal proceedings. company won the case in the legal proceedings.

Forensics

We help companies to do forensic audits examining their financial records and transactions to help them uncover evidence of Fraud and other crimes.

We work with law firms to meticulous review data and information often with the intention of presenting findings suitable for legal proceedings.

Forensic for Financial services provider

Success Story: Forensic investigation in collaboration with a Law Firm

Location: India

Introduction: A Financial services provider came to us with a case of fraud.

Challenge: The client wanted to provide evidence in the legal proceedings of one of the employee who had committed financial fraud.

Our Solution: We examined the hardware and logs to come up with a report for the company indicating how, when and who had created the fraud.

Impact: The company won the case in the legal proceedings.

TRAINING

Cybersecurity 101

Cybersecurity is the need of the hour. This training is focused on spreading awareness among the non-technical staff in an organization. The training will improve the overall cyber hygiene of the organisation and in turn reduce the risk posture. The training is aimed for :

- HR Team
- Sales Team
- Support Staff
- Development Team
- Organisation Employees

Cybersecurity for the Boardroom

With growing dependence on technology, strict cybersecurity & data privacy laws and bigger fines, board members now have to take into account the organisational readiness towards cybersecurity.

We make cybersecurity an integral part of boardroom discussions for companies' future plans:

- Importance of Board & C-suite in cybersecurity
- Understanding of Cyber Risk Management
- Boardroom Readiness in case of Breach
- Cybersecurity in the company growth plan

Secure Development Lifecycle

Security applies at every phase of the software development life cycle (SDLC) and needs to be at the forefront of developers' minds as they implement software requirements.

- Train Developers
- Best Secure Coding Practices
- Self Audit Code
- Overview of Vulnerabilities
- Security First

Application Security Testing

"Application security testing (AST) is the process of making applications more resistant to security threats, by identifying security weaknesses and vulnerabilities in an application or source code."

- Hands-On Training
- OWASP Top 10 Vulnerabilities
- Testing Lab Setup
- Remediation Steps/Fix

Operational Technology

"OT Security training aims at equipping organisations and individuals in understanding and protecting their critical infrastructure ."

- Introduction to OT Security
- OT/ICS Best Security Practices & Standards
- Understanding OT/ICS Components & Architecture
- Risk Assessment Methodologies for OT/ICS
- Testing Lab Setup

Legal Tech

Legal tech training aims at equipping organisations and individuals in understanding the legal processes and compliances."

- Introduction to Legal framework in ICT industry
- Best Security Practices & Standards for protection against the law
- Understanding legal impact of breaches
- Methodologies for setting up cybersecurity legal framework

Our Partners

We Partner with the best technology companies on the planet to help our clients turn their ideas into reality. Our partners are in every spectrum of Information Technology domain.

Our Partners

Our Partners

Customers
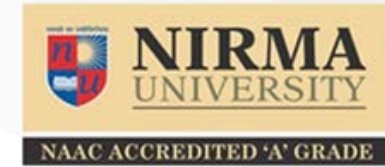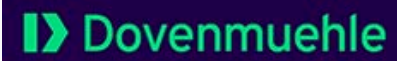
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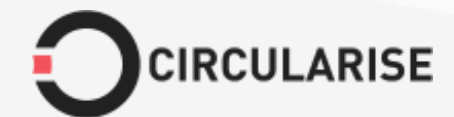
Customers

and more

Contact Us

We're Here to Help You

We'd love to hear from you. Fill in the form or just book a meeting.

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