

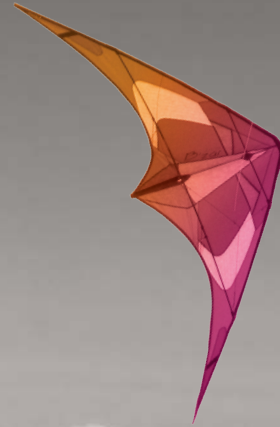
Services Profile





*Making the digital
world a safer place
for business.*

01 OVERVIEW



There have been changes in how businesses are conducted and business tools have changed from drawing board to sophisticated computing instruments like mobile computing, cloud computing etc. which enable growth as well as open new doors to business risks. Today, information security has crossed beyond the IT department and has become mission-critical for the survival of every business. Information security is essential in order to prevent potential losses and embarrassments that can be caused due to security lapses. And this has become the reason for Stride's inception.

Stride is a full-fledge, one-stop, information security consultancy firm that provides comprehensive range of services to enable organizations to protect their valuable assets. The founder, Mr. Bader Kamal possess immense knowledge and experience in the field, and has been instrumental in long-term partnership with clients, ensuring their business objectives are met and return-on-investments are achieved.

Stride IT Consulting is a young and dynamic company, which over the past years has served many prestigious clients in Bahrain and other GCC countries and has established itself as one of the key competitors in Information Security.

Stride brings its unique experience, proven methodologies and expertise to address clients' vital security needs. At Stride, we work closely with our clients and address their security concerns without disrupting their business. Our services are not limited to identifying and advising our clients about their security issues, but to exceed and assist in developing and maintaining an integrated security program that enables our clients to conduct its business without worrying about its security lapses.



02

SERVICES
OVERVIEW

1

SECURITY ASSURANCE

- > Vulnerability Assessment & Penetration Test
- > Code Review
- > Application Audit & Review
- > Web Application Assessment
- > Wireless Assessment
- > System Configuration Assessment
- > Network Security Assessment
- > Social Engineering Assessment

3

TRAINING & EDUCATION

- > ISO 27001 Lead Auditor Training
- > ISO 20000 Lead Auditor Training
- > Security Awareness Program

2

IT GOVERNANCE & COMPLIANCE

- > IT Documentation Design & Review
- > Log Management Review
- > Information Risk Management
- > Data Loss Prevention
- > Business Continuity Management (ISO 22301)
- > IT Strategy & Roadmap
- > Information Security Management System (ISO 27001)
- > IT Service Management (ISO 20000)
- > PCI –DSS Compliance review & Implementation

4

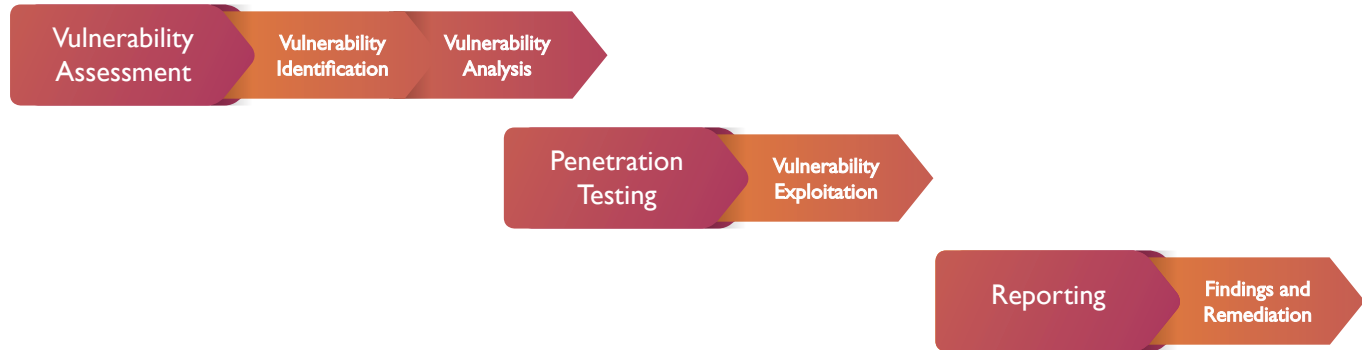
PROFESSIONAL OUTSOURCES

- > Internal Auditors
- > Security Professionals

1. Security Assurance

At stride, we believe in delivering prompt and assured services that make our clients feel secure about their business and business systems. To support this belief, Stride has developed programs that enables its clients to identify areas of potential risk to their business environment, and provide its expertise in delivering methodical and proven remediation to enhance its client's security posture from time to time.

VULNERABILITY ASSESSMENT & PENETRATION TEST



Black Box Testing – Under this scenario Stride shall perform the assessment against unknown targets. i.e. client shall not provide any information about the target systems. Information about the target is gathered using passive and active actions and then further assessed using the gray box method. While this method is a replication of a hacker activity, who doesn't have access or knowledge, this process may provide less results.

Vulnerability Assessment

If given time, resources and motivation, an attacker can break into any system. This is due to the fact that all the security procedures and technologies cannot guarantee the safety of vital systems or information. It is important for an organization to understand its weaknesses while it improves its strength. Under security assurance services, Stride provides vulnerability assessment to assist its clients in identifying the vulnerabilities within its systems and operational processes by utilizing Stride's methodology for external and internal vulnerability assessment.

Stride's goal is not just to identify vulnerabilities in the systems, but also to determine the root cause, by analyzing various processes, technology and systems mapping.

Gray Box Testing – Under this scenario, client provides some information about the target systems. This helps in speedy and accurate assessment than a black box testing. During this test, Stride shall utilize the information provided, select tools for specific targets and obtain as much information as possible for the analysis.

Penetration Test

A penetration testing is similar to real attacks, wherein the security expert's goal is to identify the weaker link in security. A penetration test is performed to conclude the existence of the vulnerability and given an exploit to determine whether an attacker can gain access to the system, how well prepared is the organization in identifying the attack and what measures can be taken to prevent any wrong doing.

Stride assists its clients in identifying threats and risks by conducting penetration test. Stride has adapted to industry wide proven standards like OSSTMM, OWASP, tested and precise methods for penetration tests, ensuring low disruption and no compromise of security triad; confidentiality, integrity and availability. network and whether any vulnerability exists within the devices. The penetration test will also cover the management consoles to determine if there is any vulnerability within them.

CODE REVIEW

Application code review is one of the best techniques for identifying security flaws within an application. Automated tools may help in identifying known vulnerabilities and to some extent identify flaws that are specific to one application function. Manual code review provides an insight to risks related to insecure coding.

Many a times, the applications are built by third party developers and as a result of delivering the application on time, some of the crucial security features are neglected. An application code review helps organizations to test their applications and proactively secure it from various threats.



Our high-level review approach consists of four phases

> Information Gathering

- // Configurations (Client-Server-Database)
- // Coding Language (HTML, PHP, ASP, .NET etc.)

> Interviews

- // Meeting with Business Owners and Developers
- // Arrange necessary technical logistics

> Analysis

- // Identifying and analyzing vulnerabilities
- // Identifying solutions for recommendation

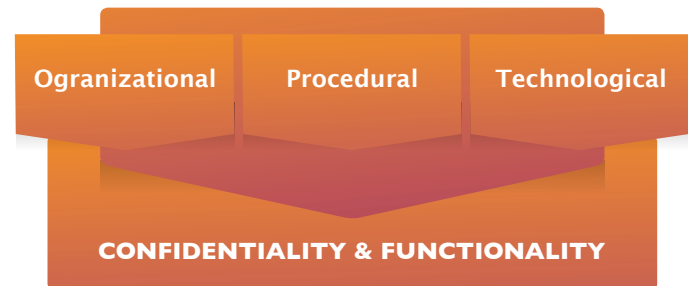
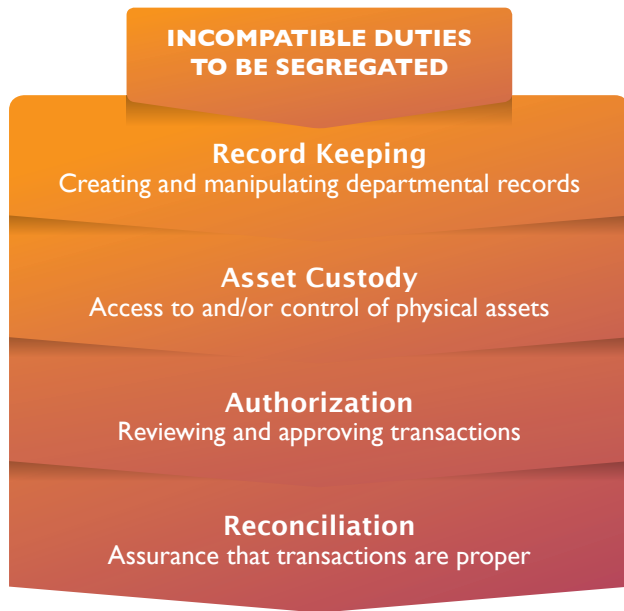
> Report Findings

- // Detailed technical report describing vulnerabilities, impacts and recommendations)

APPLICATION AUDIT & REVIEW

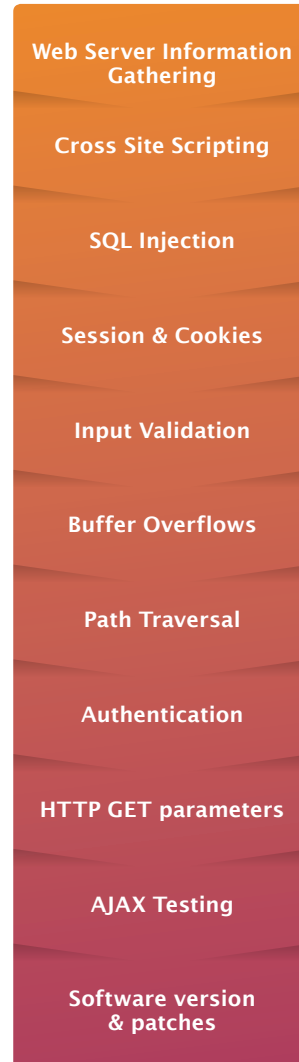
Businesses today are highly dependent on the IT, and internal business applications play an important role in the success and growth of business. It is very important to secure these applications to protect corporate information and assets. Application audit involves a comprehensive test on the corporate applications to check its security posture against various threats.

Application Audit helps companies to test and proactively secure the applications from various threats. Since many applications are web-based and are online they demand a high security environment to avoid losses.



WEB APPLICATION ASSESSMENT

This assessment examines what services are being offered on Web-based portals and e-commerce applications to examine potential vulnerabilities with respect to authentication, authorization, data integrity, data confidentiality, and consumer privacy concerns. Stride can test these applications using either zero-knowledge testing or full-access testing to examine the full range of potential vulnerabilities. Stride also conducts source code audits to identify any potential vulnerability among the applications and scripts that are accessible through the Web.



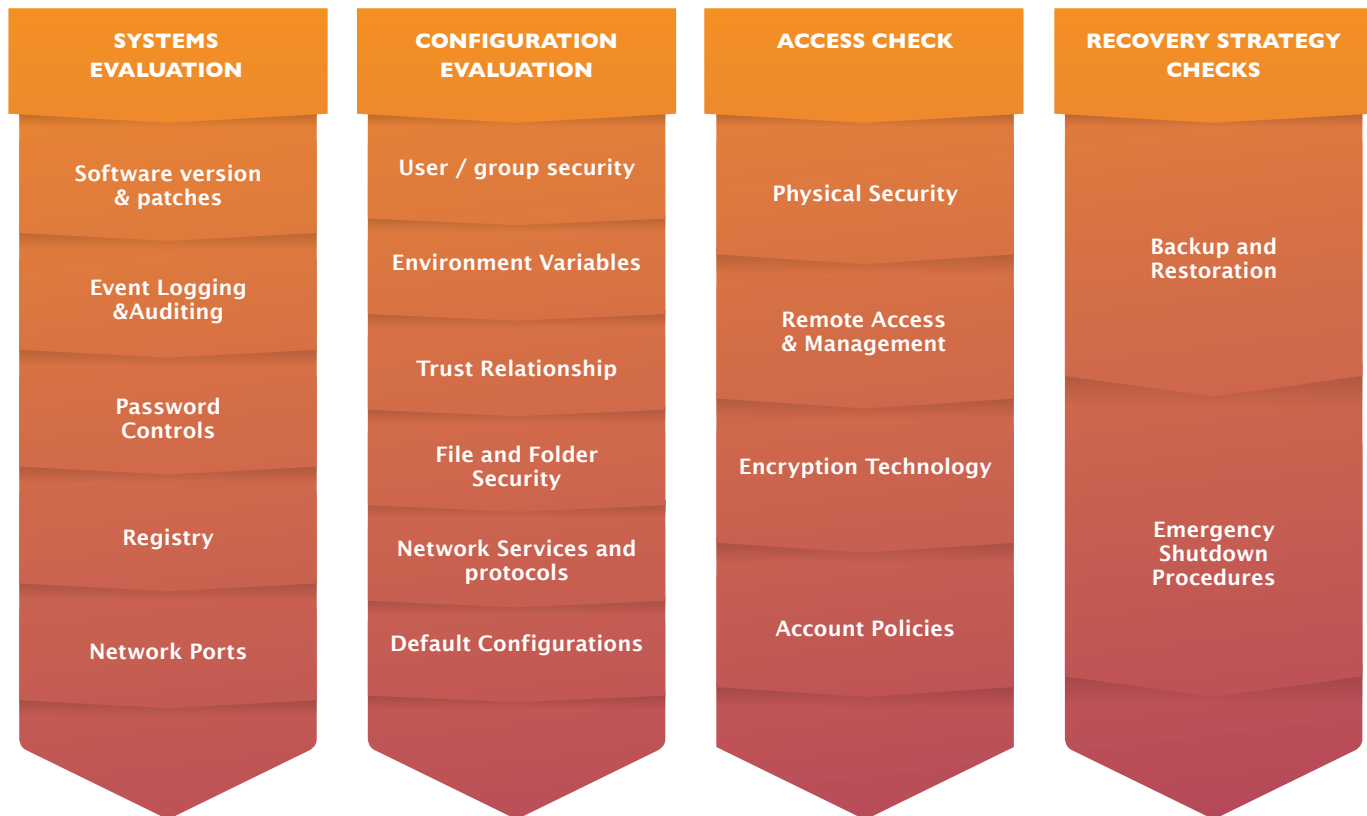
WIRELESS ASSESSMENT

Wireless networks, while highly convenient, present additional security threats since the wireless signals are not limited by the physical boundaries of a traditional network. Stride evaluates how to prevent wireless communications from being exposed to eavesdropping and access by unauthorized intruders. Additionally, Stride examines the enterprise infrastructure for unencrypted or standard WEP enabled access points that may be vulnerable in order to ensure the security of the network.



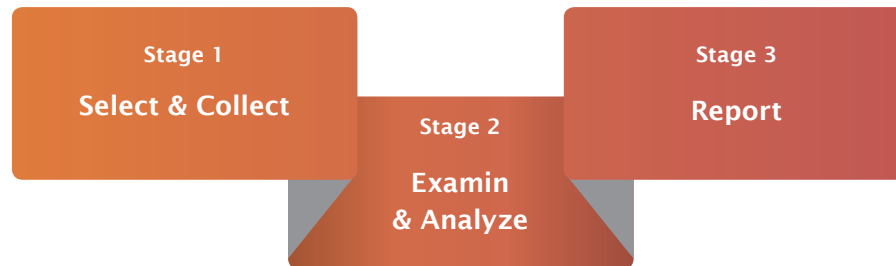
SYSTEM CONFIGURATION ASSESSMENT

A system configuration assessment provides in-depth details of any vulnerability, which cannot be identified using automated tools or vulnerability assessment process. During this assessment, Stride team performs manual checks against the above-mentioned activities. The process also takes into consideration the specific targets, environment, purpose, intended users and also operational procedures. This enables the assessor to be more specific in identifying the flaws and providing remediation on the basis of requirements.



NETWORK SECURITY ASSESSMENT

Network Security Assessment, concentrates on network device security and configuration. Since automated tools cannot identify configuration flaws, Stride team manually checks the configuration of network components and ensure it meets or exceeds best practices and regulatory requirements and provides confidentiality and integrity of network traffic.



Where required, a vulnerability assessment specifically over the network assets is conducted to identify potential risks. The following areas will be covered under this assessment:

> Firewall

// review ACLs, packet inspection configuration, routing and content inspection

> IDS/IPS

// review the implementation (sensor position, tap or pass-through), signature updates, administrative operations, monitoring and alerting

> Router and switches

// review the basic/global configuration, equipment lock down configuration, ACLs, routing configurations

> Network Architecture

// review the network architecture such as network segmentation (VLAN, IP subnetting), network topology

> Network Boundaries (Internal/External)

// Detailed technical report describing vulnerabilities, impacts and recommendations)

SOCIAL ENGINEERING ASSESSMENT

Social engineering involves manipulating and/or deceiving company employees and other human resources to gain unauthorized access to confidential information.

Stride leverages its unparalleled expertise in this field to expose what is often the weakest link in the information security apparatus: the human element. Many organizations find it difficult to identify and mitigate these kind of vulnerabilities, this is where Stride comes in to enable the organization to not only identify and mitigate such weaknesses but also to have a culture that is security savvy. The social engineering assessment not only uses tactics intended to gain confidential information, but also to induce unsuspecting employees who create vulnerabilities that can subsequently be exploited to gain access to confidential information.



> Social Engineering

- // Email
- // Telephone Call
- // Interviews
- // Fake Websites

2. IT Governanc & Compliance

Stride has been playing a vital role in assisting organizations to establish security governance that not only enables them to take control of their mission critical business operations but also help them to comply with various standards that need stringent and continued cycle of process oriented development and improvements that conform to industry wide accepted standards and regulations.

IT DOCUMENTATION DESIGN & REVIEW

Every IT dependent business needs its IT processes to be planned and concise. Documenting the procedures also eliminates the need for ad-hoc implementations and operations of business critical IT processes. Stride helps organizations in implementing strategic, tactical and operational information security policies and procedures and documenting roles and responsibilities which is essential in carrying out day-to-day security activities. After an initial assessment, our consultants will identify the gaps, review and create / update policies and procedures as required by the business and adapted standards.

Information Security Procedures:

- » Incident Management Procedure
- » Change Management Procedure
- » Patch Management Procedure
- » Business Continuity Procedure
- » Access Management Procedure
- » Audit Logs Management Procedure
- » Information Backup Procedure
- » Asset Management And Information Handling Procedure
- » Third Party Security Management Procedure
- » Maintenance And Capacity Management Procedure
- » Employment Screenig Procedure
- » Security Breaches Disciplinary Procedure
- » Equipment Sanitization Procedure

Minimum Security Baseline Documents:

- » Internal Network Security Architecture
- » Internet Extranet Security Architecture
- » Authentication & User Access Control
- » Remote Access Security Architecture
- » Mobile Devices Security
- » Wireless Lan Security
- » Laptops & Tele-Working Security
- » Windows Server Security
- » Desktop Security
- » Database Security Standard
- » Web Server And Application Security Standard
- » Anti-Virus, Anti-Spam, Host Ips Security
- » Supporting Utilities Standard
- » Data Center Access Standard

Information Security Guidelines:

- » Information Leakage Guidelines
- » Cryptographic Key Controls Guidelines
- » Mobile Code Control Guidelines
- » Off-Premises Removable Media Handling Guidelines
- » Secure Logon Guidelines
- » Physical Entry And Monitoring Guidelines

IT STRATEGY & ROADMAP

Stride helps organizations to develop a multi-year roadmap to facilitate information security competences that reflect detailed activities and provide guidelines to implement and manage information security. Developing a road map focuses on supporting the organization with efficient, cost-benefit and effective security capabilities as well as maintaining and improving the level of compliance with internationally recognized standards.

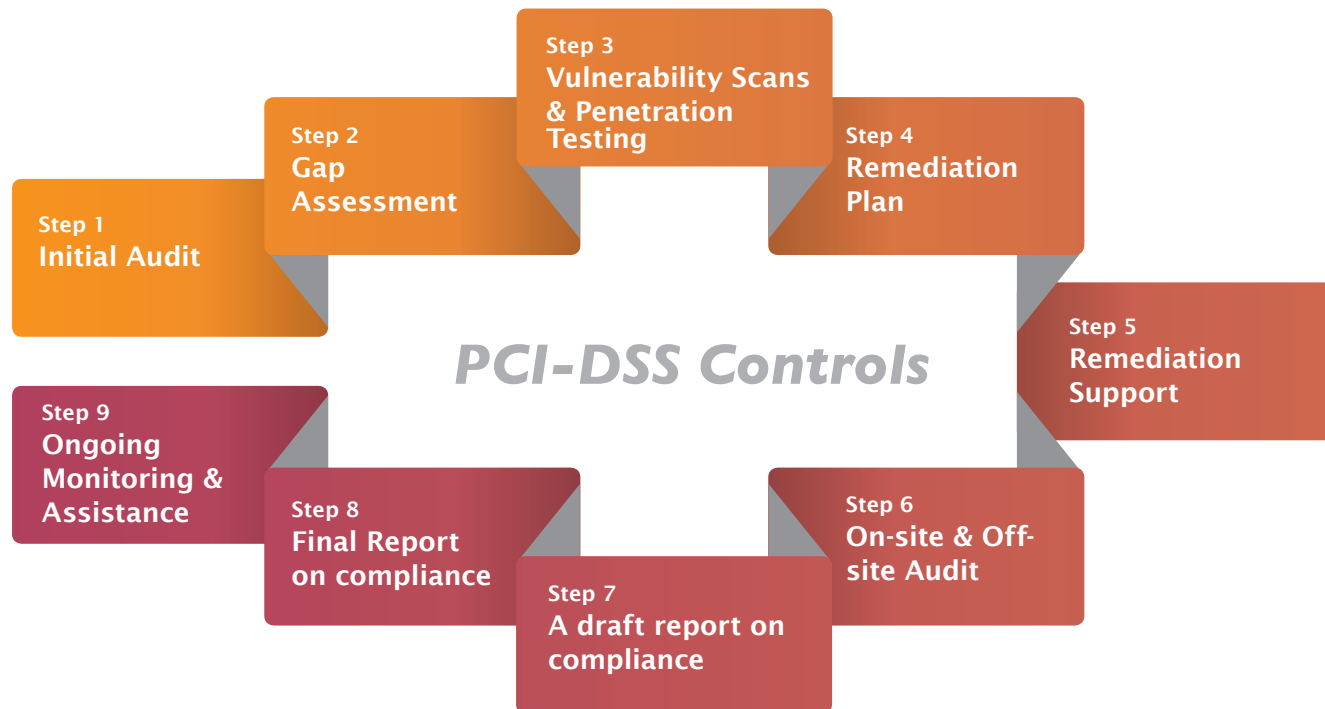
Stride enables organizations to establish action plans for reviewing and updating policies, procedures, methodologies, Risks Treatment Plans, conduct security programmes, and to establish an information security culture throughout the organization.



PCI-DSS COMPLIANCE REVIEW & IMPLEMENTATION

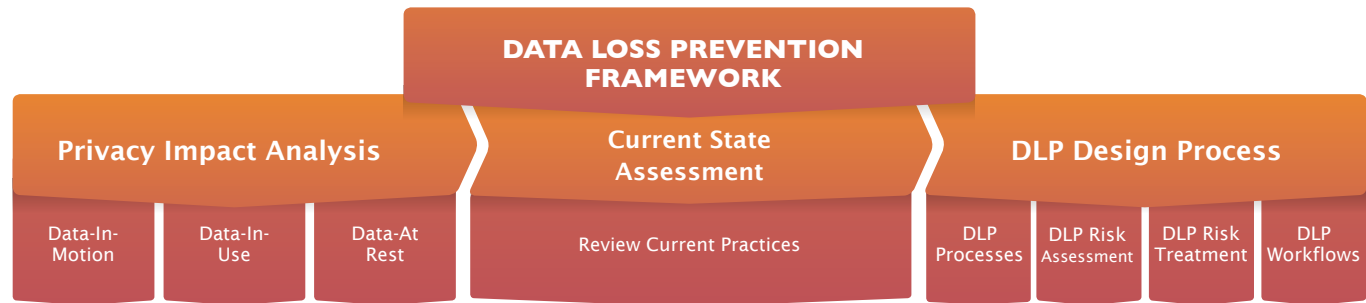
One of the key areas a financial institution is concerned about is the compliance with international regulations, which requires implementation of standards like PCI-DSS. Stride through its immense experience in network security, application security, vulnerability management and penetration testing, identifies the requirements and gaps within each organization and provides tailored implementation strategies of PCI-DSS and compliance review.

Stride emphasizes to strictly follow PCI-DSS requirements as set forth in the standards document and perform the following:



DATA LOSS PREVENTION

Digital information is the main driver for any business to accelerate and be able to effectively and efficiently exchange information to and from any location or person. The very same technologies (i.e. email, web, IM etc.) that allow this advance level of connectivity and collaboration between employees, customers and partners also generate an enormous security risk for the organizations that use them. A single “Insider” breach of sensitive data, whether inadvertent, intentional or downright malicious, can expose the company to far reach financial, public relations, legal and brand reputation costs. Stride has prepared a methodology to address the issues of data loss by analysis, implementation and monitoring data-in-motion, data-in-use and data-at-rest.



LOG MANAGEMENT REVIEW

Every IT dependent business needs its IT processes to be planned and concise. Documenting the procedures also eliminates the need for ad-hoc implementations and operations of business critical IT processes. Stride helps organizations in implementing strategic, tactical and operational information security policies and procedures and documenting roles and responsibilities which is essential in carrying out day-to-day security activities. After an initial assessment, our consultants will identify the gaps, review and create / update policies and procedures as required by the business and adapted standards.

Management Controls

- » Service-Level Management
- » IT Performance Evaluation
- » Information Security Strategy
- » Access Control Policy and Procedures
- » Audit and Accountability
- » System Security Assessment and Accreditation
- » Change and Configuration Management
- » Identification and Authentication
- » Incident Response
- » System Maintenance
- » Media Protection
- » Physical Protection
- » Risk Assessment
- » Systems Acquisition
- » Systems and Communications Protection
- » Systems and Information Integrity

Operational Controls

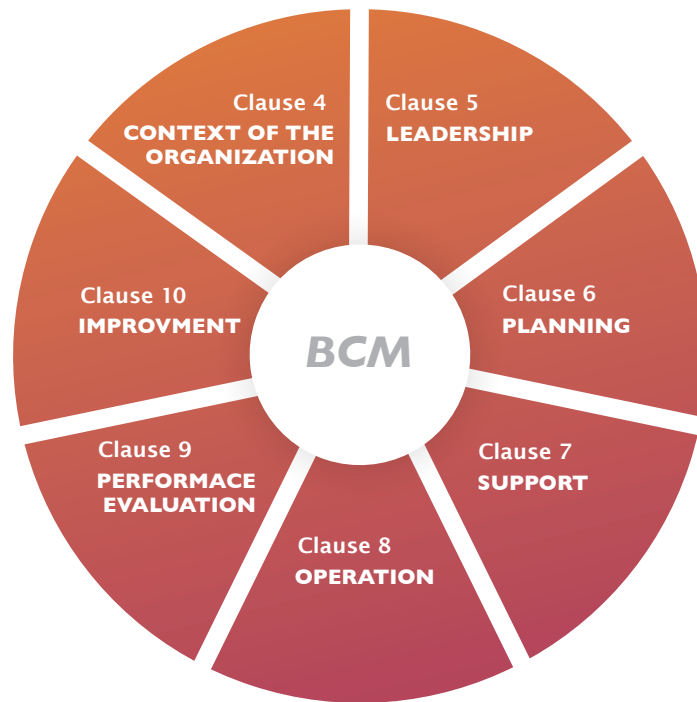
- » Internal Network Security Architecture
- » Internet Extranet Security Architecture
- » Authentication & User Access Control
- » Remote Access Security Architecture
- » Mobile Devices security
- » Wireless LAN Security
- » Laptops & Tele-working Security
- » Windows Server Security
- » Desktop security
- » Database security standard
- » Web server and application security standard
- » Anti-virus, Anti-spam, Host IPS Security
- » Supporting Utilities Standard
- » Data Center Access Standard

Technical Controls

- » Information Leakage Guidelines
- » Cryptographic Key Controls Guidelines
- » Mobile Code Control Guidelines
- » Off-Premises Removable Media Handling Guidelines
- » Secure Logon Guidelines
- » Physical Entry and Monitoring Guidelines

BUSINESS CONTINUITY MANAGEMENT (ISO 22301)

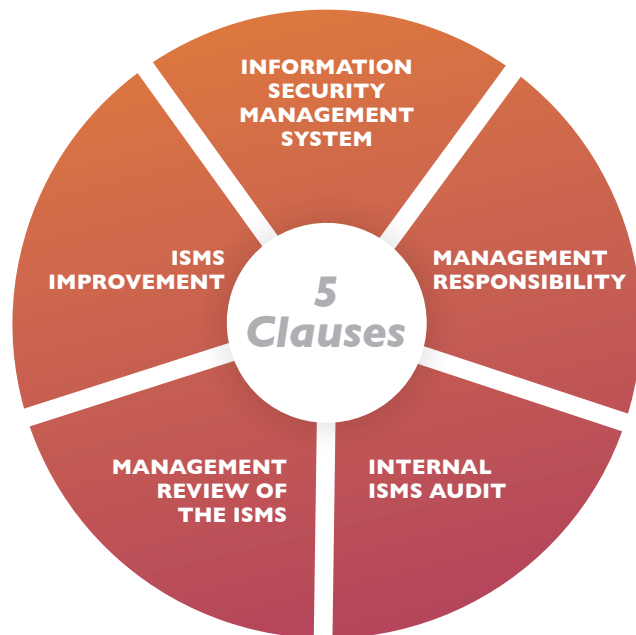
Every business has different risk tolerance. Stride enables organizations to identify and understand its risks, through strategic risk assessments and business impact analysis and provide cost-benefit analysis for risk reduction strategies. Stride Business Continuity implementation, in compliance with (ISO 22301:2012), emphasizes on identifying core business functions and its risks, likelihood and impact, dependency on Information Technology, Crisis Management, Incident Management, IT Disaster Recovery and continuous monitoring.



INFORMATION SECURITY MANAGEMENT SYSTEM (ISO 27001)

Every enterprise needs to tailor the use of standards and practices to suit its individual requirements for protecting its information and information assets, and to govern the information security realm. The growing adoption of Information Technology (IT) & Information Security (IS) best practices has been driven by a requirement for organizations to better manage the quality and reliability of IT & IS in business and respond to a growing number of regulatory and contractual requirements while maintaining a strong security posture of its environment to protect the confidentiality, integrity and availability of the information and information systems.

Stride addresses these shortcomings through the implementation of ISO27001 security controls that are spreads across 11 domains of information and information systems security. These controls are implemented as Administrative, Operational and Technical controls and establish information security governance within the business context with a top-down approach that shows the due diligence of the top management.

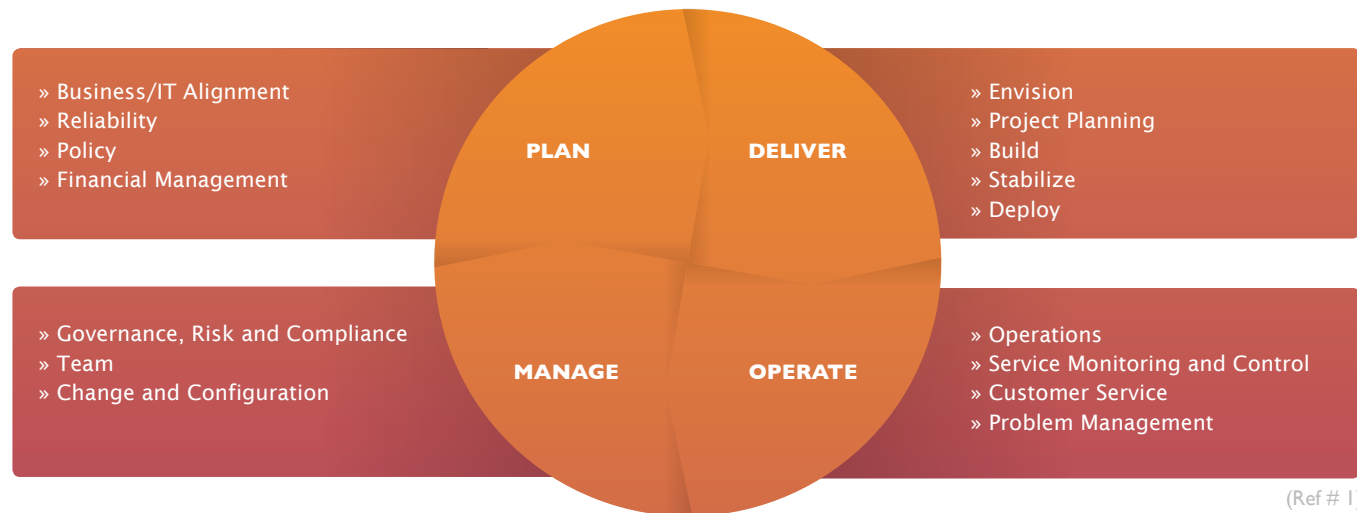


11 domains

- » Information Security Policy
- » Physical and Environmental Security
- » Information Security Incident Management
- » Organization of Information Security
- » Communications and Operations Management
- » Business Continuity Management
- » Asset Management
- » Access Control
- » Compliance
- » Human Resources Security
- » Information Systems Acquisitions, Development and Maintenance

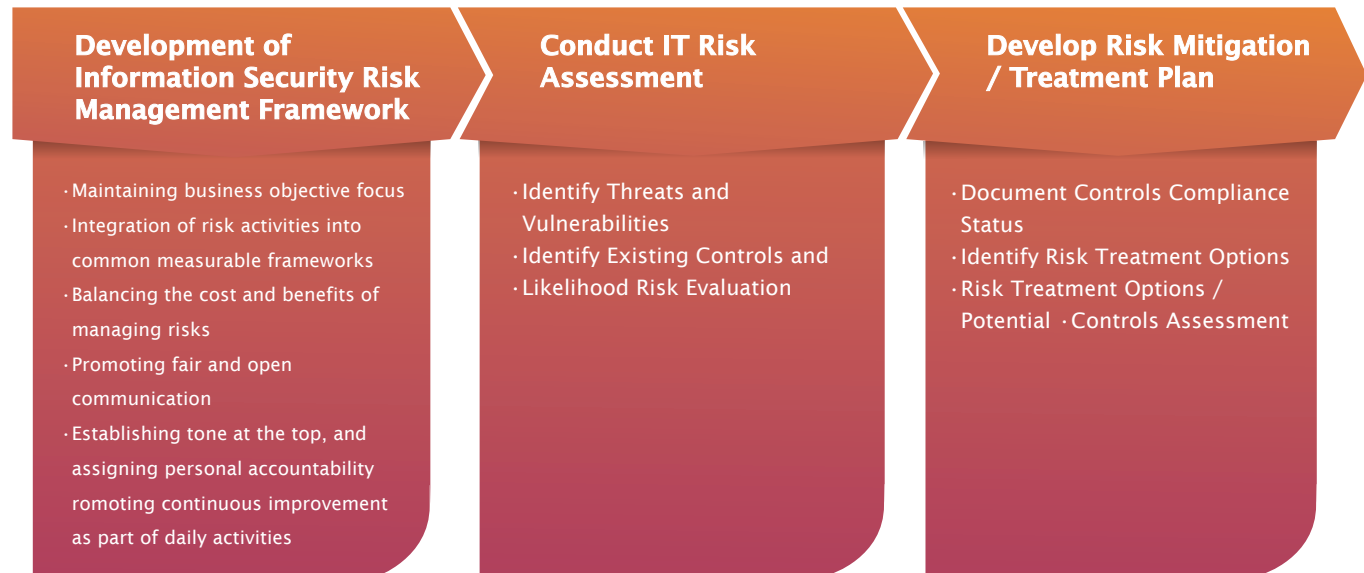
IT SERVICE MANAGEMENT (ISO 20000)

Information Technology has become an integral part of any business today. And management of IT can become heavy while catering diverse requirements of the business. ITIL / ISO 20000 provides an efficient and effective way to manage IT and establish governance in an ever changing and rapidly growing IT dependent world. Stride has developed frameworks and methodologies to provide its expertise for its clients to integrate, manage and effectively improve its Information Technology processes that not only addresses the requirements for compliance but also enable the organization to cost-effectively improve its services that the business is dependent on.



INFORMATION RISK MANAGEMENT

Information Risk Management is a process on which the whole information security implementation depends on. If risks are not identified appropriately, implementation of mitigation will not be effective and returns on the investments cannot be justified. Our objective is to develop and document risk assessment procedures that enables our clients in managing risks to their information assets. Stride emphasizes on internationally adapted methodologies such as ISO27005, NIST etc. for risk management. Apart from documenting the risk assessment procedure suitable for your organization, Stride also helps its clients to identify and mitigate risks based on proven practices that is suitable for your organization.



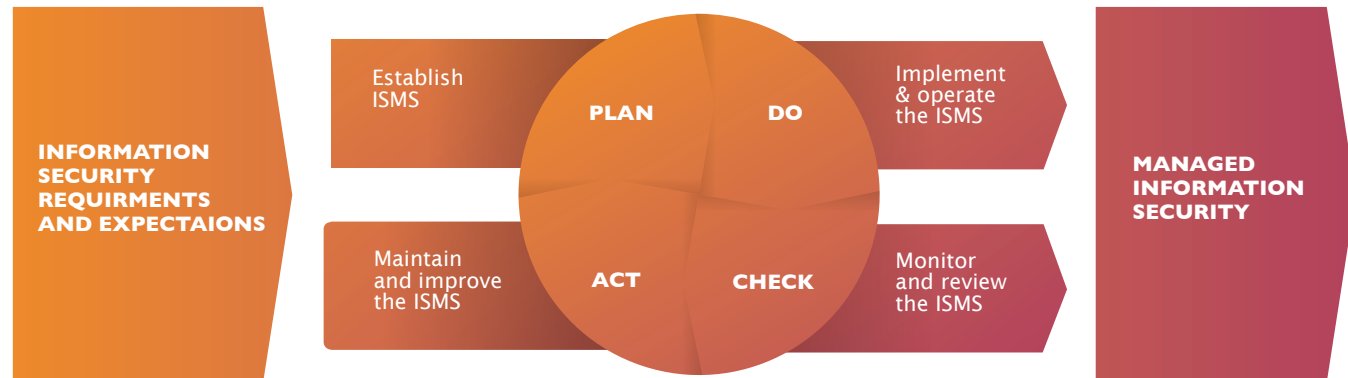
3. Training & Education

Stride believes in continual growth of knowledge by providing training and education services to individuals and organizations that seek to improve their skills and competencies to meet new challenges and to comply with international standards like (ISO 27001 ISMS), (ISO 20001 ITSMS). Stride conducts industry class, internationally recognized training and certifications programs to enable its clients to become competent in performing activities that require additional knowledge and skills.

Stride has partnered with internationally renowned training and certification providers who specialize in delivering standards specific trainings and knowledge transfer that will be required by an individual or an organization to perform the activities and meet international standards.

ISO 27001 LEAD AUDITOR TRAINING

Stride provides this course through accredited trainers who transfer their knowledge on auditing an ISMS against (ISO 27001) requirements. Auditing an ISMS can be crucial and requires specific skills to understand the compliance requirements as set in the standard. This course ensures to develop the skills on conducting audits, but also to help understand the requirements of ISMS and information security specific controls.



ISO 20000 LEAD AUDITOR TRAINING

This training provides the knowledge and skills required to conduct and lead effective internal and external ITSMS audits to comply with the requirements of (ISO 200001). The course explains the principles and practice of independent audit for ITSMS and guides through the entire audit process from managing an audit program to reporting on audit results.

* Check (Ref # 1) page 22

SECURITY AWARENESS PROGRAM

Our security training courses are designed to deal with security threats that organizations face worldwide. Information security plays an important role towards any organization's financial growth and reputation. Safeguarding their information systems is a tough task and the requirement for well-qualified professionals to manage it is in high demand.

Password Usage and Management	Use of Encryption	Laptop Security	Social Networking	Email Security
Protection from viruses and other malicious code	Handheld Device Security	Asset Management & Classification	Clear Desk Practice	Data Backup and Storage
Information Labeling & Handling	Incident Response	Software License and Copyright	Physical and Logical Security	Visitor Control and Physical Access
Unknown/Email Attachments	Phishing	Access Control	Social Engineering	

4. Professional Outsources

Business growths and success always depend on the highly skilled workforce, organizations often find it difficult to identify the right kind of candidate that assures to meet ever-growing business needs. Stride helps its clients in identifying and filling those gaps by providing skilled and qualified professionals at all levels.

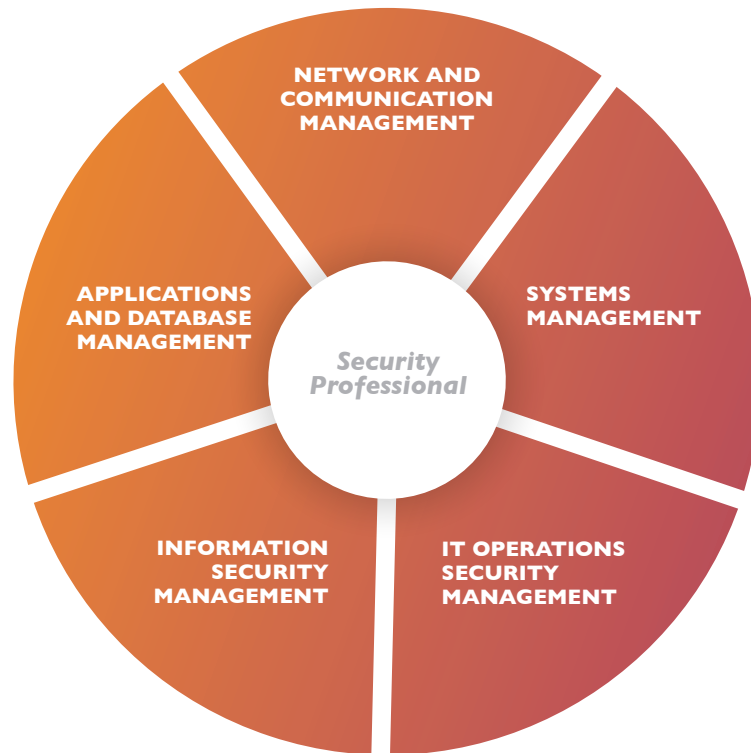
INTERNAL AUDITORS

Stride provides outsourcing services for internal auditors, through its pool of professionals who are certified, skilled and experienced in performing internal audits for (ISO 27001 ISMS), (ISO 20001 ITSMS) and IT Internal Audits. Stride has developed internal audit methodology that can be utilized in conjunction with its client's methodology and execute internal audit programs. Our internal auditors help organizations in identifying gaps and non-conformities with meaningful audit plan, audit execution, analysis and reports.



SECURITY PROFESSIONALS

Stride always stays ahead to help its clients in meeting ever demanding requirements for resources. Our professional services also include, outsourcing security professionals in Information Technology operations and Information Security. Stride provides skilled professionals in the following areas:





03
CLIENTS

ABOUT OUR CLIENTS

Stride has always proven itself when it comes to quality of service, adopting client's environment with a collaborative approach and combining our knowledge to cater ever-demanding need of our clients. Stride has helped its clients with tailor-made solutions to meet their requirements and gained confidence and trust since its inception.



Bahrain Airport Company



Bahrain Institute of Public Administration



Kuwait Finance House
-Bahrain



Ministry of Interior



Supreme Council for Women



Ministry of Education



هيئة شؤون الإعلام
Information Affairs Authority

Information Affairs Authority



Kingdom of Bahrain
eGovernment Towards a Better Life

Bahrain eGovernment Authority



Gulf Financial House

ABOUT US

Stride IT Consulting is a Bahraini Company with Middle East focus and practice. Stride is a full-service information security consulting firm. We offer a comprehensive range of services that helps our clients protect their valuable assets.

At Stride, we believe in making the digital world a safer place to live and conduct business. We advocate the confidentiality, integrity and availability of data is of prime importance to an organization. Our vision is to be a leading provider of information security consulting services in MENA region. We understand that Information Security is so important as the organizations images, therefore we are working side by side with our clients with building long-term relationship.

Stride's greatest asset is its people. Right from company's senior management to the frontline security consultants, our security expertise posses the necessary skill, knowledge & attitude that is required to serve your corporation. Our consultant's qualifications are measured by certifications and experience such as CISA, CISSP, and CEH with years of experiences in the fields.



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