

Information System Audit

Elate IT's IS Audit service provides assurance and advice regarding controls in an organization; provide reasonable assurance that relevant control objectives are being met; identify weaknesses in those controls; validate the risk; and, finally, provide recommendation for corrective actions to mitigate those risks. Elate IT's audit approach is based on a defined audit framework and standards referencing CobiT, ITIL, ISO 27000 and other Frameworks/Standards.

Elate IT does not believe in one solution fit to all, rather it customizes each assignment based on client needs and requirements. Our team of area specialists and auditors make the right blend to tackle any projects.

Telecommunication Audit / Telecommunication Billing System Audits

Elate IT with its reputation being one of best companies in Pakistan for telecommunication industry audit and assurance services is proud to move a step further within the industry by virtue of the following services:

- Elate IT assesses complete billing cycle of any telecommunication company whether land line or cellular.
- Elate IT can also utilize its Billing System to identify the weaknesses in your billing system and to provide an assurance report or right functioning of your system.
- Elate IT runs a parallel system, taking your CDR data and running on our billing system by utilizing your business rules and identifying the differences when it comes to running the same on your system.
- Elate IT can also provide recommendations in terms of business rules and best practices.
- Elate IT utilizes the most widely used and accepted standard for business processes in the telecommunication industry, the enhanced Telecom Operations Map (eTOM).

Information Security Audit

Info Sec Audit is a methodical, calculable technical assessment of how the organization's IS security is deployed or carried out all over the organization or particularly to a site. Elate IT Team performs Info Sec audit by understanding the IT atmosphere by conducting general and specific interviews, vulnerability tests, examination of system settings, analyzing network and communication as well as current and prior data records. The entire purpose to conduct the Info Sec Audit is to find out the IS and IT security control weaknesses.

Penetration Testing

Elate IT Penetration Testing Services cater organizations means to protect their important information assets by giving organizations and individual's direct access to ethical hackers and other IT professionals not usually available on hire. When you hire Elate IT to provide specialized, objective assessment of your organization's security vulnerabilities, you get a cracker-jack team of IS consultants who are also IS researchers. That's because we believe that IS research must be linked to real-world IS problems, and real-world IS problems must influence what we research.

BCP and DRP Audits

Business Continuity Management (BCM) is a process that provides a framework to ensure flexibility of the business into any conditions and to ensure continuity of service to key customers and protection of the brand and organizational reputation. There is a slightest difference between BCP and DRP. Business Continuity Planning provides detailed procedures to facilitate continuity of business operations while the Disaster Recovery Planning provides detailed procedures to facilitate continuation of IT capabilities at an alternate site. Our Audits are based on world renowned standard BS 25999 and BS 25777.

Internal Audit Outsourcing

In this time of lighting changes and continuous requirements of right resources and skills, it is getting practically difficult to hire high level expertise and services for Internal Audits. Many organizations are following the trend of outsourcing either in the form required chunk of expertise or fully developed team; hence it helps a company focus on core businesses. Elate IT provides customized outsourcing services which can tackle all issues such as IT Governance, IT Management, Regulatory Requirements, Risk Management and Assurance.

Elate IT Offers following services as part of their **Audit Services**:

- a) Information System Audit
- b) Telecommunication Audit
- c) Information Security Audit
- d) Penetration Testing
- e) BCP and DRP Audits
- f) Internal Audit Outsourcing

What is IT / IS Audit?

An information technology audit, or information systems audit, is an examination of the controls within an Information technology (IT) infrastructure. A IT audit is the process of collecting and evaluating evidence of an organization's information systems, practices, and operations.

Purpose of IT Audit

The primary functions of an IT audit are to evaluate the system's efficiency and security protocols, in particular, to evaluate the organization's ability to protect its information assets and properly dispense information to authorized parties. The IT audit's agenda may be summarized by the following questions:

- Will the organization's computer systems be available for the business at all times when required? (Availability)
- Will the information in the systems be disclosed only to authorize users? (Confidentiality)
- Will the information provided by the system always be accurate, reliable, and timely? (Integrity)



Elate IT Compliance Services



BS 25999: Business Continuity Management System

BS25999, the Business Continuity Standard, is of real importance to everyone from Board directors, corporate executives and IT managers through to facilities managers and business continuity professionals. Service disruptions, delays in responding to customer requests, inability to process transactions in a timely manner or being unable to resume business in the face of a disaster can all have significant impacts on an organization's effective operation. Recent natural disasters as well as terrorist activities have shown that an organization's resilience to a disaster and its being able to resume business quickly and efficiently were directly related to its preparedness to respond to unforeseen events. At Elate IT we develop Business Continuity Plans and Disaster Recovery Plans by utilizing above standard and also by incorporating best practices from standards such as NIST and DRII.

ISO / IEC 27001 (BS7799): Information Security Management System

ISO/IEC 27001 specifies requirements for the establishment, implementation, monitoring and review, maintenance and improvement of a Information Security management system - an overall management and control framework - for managing an organization's information security risks. The standard covers all types of organizations (e.g. commercial enterprises, government agencies and non-profit organizations) and all sizes from micro-businesses to huge multinationals.

The following benefits can be achieved by compliance and Implementation of ISO 27001 (BS 7799) ISMS standard,

- It improves a company's information security environment and enhances the trusts between all parties, whether that is your internal employees or external clients and vendors.
- A defined and documented policy to implement, monitors, evaluates and manages information security policy and standard.
- A standard which satisfies all requirements of data security regulations whether they are in house, within country or cross country.
- We at Elate IT make sure we work with you during all phases of compliance or implementation of this standard to achieve all above goals.

COBIT Assessment and Implementation

Control Objectives for Information and Related Technology (CobiT) is an IT governance control framework that helps organizations meet today's business challenges in the areas of regulatory compliance, risk management and aligning IT strategy with organizational goals. CobiT recognizes 34 IT processes that are grouped into four domains. The four domains are:

- Plan and Organize (PO)
- Acquire and Implement (AE)
- Deliver and Support (DS)
- Monitor and Evaluate (ME)

In terms of COBIT Compliance, Elate IT assesses each process in terms of its maturity, how well that process is implemented within the organization. Each process is assessed at a level of maturity (numerical) from 0-5. (0 is non-existent and 5 is optimized.)

ISO/IEC 20000: Information Technology Service Management System (ITSM)

ISO/IEC 20000 is the first international standard for IT Service Management. It is based on and is intended to supersede the earlier British Standard, BS 15000. It promotes the adoption of an integrated process approach to effectively deliver managed services to meet the business and customer requirements.

ISO/IEC 20000 standard allow organizations to continuously improve their IT service quality and provide important guidelines that establish the credibility of the organization. Further, it demonstrates to customers and stakeholders that it operates with business integrity and security while continuously improving the quality of IT Services and consequently gaining competitive edge over competing organizations.

Elate IT helps organizations in implementing complete ISO 20000 (ITSM) and also helps organizations toward achieving the required certification. Elate IT also conducts complete compliance audit in the particular area to identify the current state an organization is in.

Elate IT Compliance Services makes it possible for your organization to implement the world standards in a right and cost effective way.

By implementing what is required rather than everything and building on what has already been done rather than from scratch is Elate IT methodology. To use what can be to cater the challenges of time and cost.

There are several good reasons for using the IT Governance consultancy service for your BS25999 project:

- ♦ Our free initial assessment enables you to assess where you are (after all, you might already meet a number of the requirements) and identify how you can progress with us to success;
- ♦ Our implementation approach and methodology is pragmatic, proven and straightforward;
- ♦ We focus on transferring knowledge and skill to you and your people so that you can continue meeting compliance targets after the initial implementation period ends
- ♦ We are a one-stop-shop with comprehensive and integrated Business Continuity Management resources, namely:
 - Experienced consultants
 - Risk management expertise
 - Technical BCM expertise
 - Trainers and training courses
- ♦ We can link your BS25999 Information Security framework with your ISO27001, CobIT, ISO20000, ITIL, PCI DSS and other management frameworks, as well as with your other information regulatory compliance obligations