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Do you have the right answers to the following critical questions ?

What do I have ?

- Whether my information system is suitable for my present and future business plans ?

How is it working ?

- Whether my information system is properly protected to minimize my business risks ?
- Does my information system provide me with the right information at the right time at the right cost ?
- Whether my information system ensures business continuity ?
- Are there any security lapses ?
- Are there any fraud prone areas ?
- Is the capital and operational cost of my information system justified ?

How can I make it work better ?

- What improvements are needed to improve the performance of my information systems ?
- How can I optimize my IT investment and take proactive steps before the trouble occurs ?

Technology and eBusiness. They make great things possible – ***and little things dangerous. Some times in a big way !***

Computer Networking and the Internet have created great opportunities and offer compelling benefits. Adoption of these technologies is no longer a matter of choice, but rather a matter of survival. However, the worrying question is have we increased our risks? The nature of these risks, and the full extent of their consequences are only just being understood. The information assets that are being created are dangerously vulnerable. The threats are real. Dealing with these threats requires technology and more...

With the pace of computerization gaining momentum across all the Banks in the country, dependency level of banks on Information Systems (Computers and Communication Systems) has increased tremendously. Especially, when banks are implementing the networked solutions with access to the systems for customers, service providers and solution providers, the vulnerability levels have increased. There are numerous threats to the systems that will ultimately lead to business threats, which eventually will be leading to financial losses, loss of reputation and legal entanglements.

Together with your staff, information is one of the most valuable assets you own. Therefore it is essential that all aspects of information generation, i.e., access, use, distribution, storage and destination, are protected.

In today's global markets, you are increasingly reliant on information generated by systems in a wide range of environments, some of which may be outside of your direct control.

Mission critical systems processed over networks increase the risks to the integrity and confidentiality of your data. There will also be additional risks which could affect the continued availability of the systems. In addition, it will be essential to comply with the different laws and regulations governing international data flow.

Headlines appear in the press, with increasing regularity, about the failure in system controls and the effect of viruses, hackers and other security threats. The risks have never been greater, especially in view of the constant change taking place, through both organisational and technical developments, and an increasingly competitive environment.

Loss or corruption of your information can cost you dearly - either directly or indirectly, through lost business opportunities or missed deadlines. Disclosure of sensitive information may cost you competitive advantage or result in losing the confidence and business of your customers, or even breaking the law.

Furthermore, your normal business processes must be able to function effectively under all conditions. Loss of key processes can adversely affect your cash flow, disrupt services and result in losing the confidence and business of your customers.

Addressing these risks and preserving the confidentiality, integrity, and availability of your systems demands planning and project control skills, effective risk analysis, management and practical implementation skills.

How MVL Consulting Can Help ?

MVL Consulting has developed a high level methodology which provides a structured approach to the implementation and management of all aspects of information security.

The methodology is designed to help you ensure that your information security framework has been properly established and is maintained, through a security planning, implementation and review cycle. A modular and scalable approach is adopted, which allows you to ensure that all operations are covered – wherever they are located.

The methodology includes a basic cycle of activities which can be applied to any or all aspects of the information security framework.

Our advantage :

Our IS Consultants and Audit Professionals are CISA Certified and are members of Information Systems and Audit Control Association, USA.

They have a substantial experience in Information Systems Consulting and Security Audits in Banks.

Our Service Offerings

Business Impact Analysis

Assisting a client to build a catalogue of threats relating to the continued success of the business and to analyse the associated potential business impacts so as to define priorities for detailed analysis of vulnerabilities and implementation of controls.

IS Security Policy Development

Assisting a client to develop a corporate IS security policy which reflects the needs of the business, together with associated lower level policies, standards, procedures and implementation guidelines

Information System Security Audits

Conducting audits of business computing systems to assess their compliance with required levels of security. The audit types include:

- Product Functionality Testing and Audit
- Physical Security Audit
- Operating System Security Audit
- Database Security Audit
- Application Software Security Audit
- Telecommunication and Network Security Audit
- Network Penetration Testing
- Key Management Procedures Audit
- Data Handling Audit
- Disaster Recovery and Business Continuity Plan Audit
- Security Policy Audit

Risk Analysis



Surveying the risk exposure in a client's IS systems, and assisting clients with the selection, validation, customisation and implementation of risk analysis methodologies.

Requirements Specifications

Assisting a client to develop specifications of IS security requirements to be issued to suppliers.

Implementation Plans

Advising a client on the specific steps that need to be taken to reach a set of previously defined goals for IS security, and guiding the client step by step along the way.

Security Architectures

Designing and/or evaluating the strategic approaches to corporate IS security architecture, systems architecture and systems integration.

Secure Systems Design

Developing detailed functional specifications for systems and evaluating products to meet the specifications. We have capability of conducting functionality testing for any product/platform.

IS Security Procedures

Developing detailed security controls and management procedures in IS environments.

Strategic Planning

Assisting vendors with their product planning to meet the perceived needs of the marketplace, and assisting consumers to plan their solutions to take advantage of new technologies for the benefit of their business.

Education and Training

Providing in-house training courses for groups of staff in client organisations. The courses are both pre-packaged courses and custom-designed courses.

Contingency Planning

Assisting a client to plan sufficient contingency and resilience into IS systems to provide the required protection against business interruption.

Business Continuity Planning

Assisting a client to plan for recovering business operations following one of a number of disasters that might befall the client's business systems and resources. In this context, all business resources are considered, and services are not confined to IS resources.

Our Approach

The cycle includes:

- **Initiation Phase** - the collection of information, specification of objectives and obtaining management ownership of the elements of the cycle.
- **Risk Analysis Phase** - determining the current state of preparedness and to identify the gap between the corporate security objectives established and the current state of implementation of measures to meet the objectives. This phase identifies the areas where work needs to be performed to close the gap.
- **Implementation Planning Phase** - identifying activities to be performed, ensuring availability of resources, agreeing on costs and timescales.
- **Development Phase** - developing policies, standards and supporting procedures.
- **Implementation Phase** - implementing controls and countermeasures.
- **Review Phase** - assessing the effectiveness of information security measures and considering the necessity of further iterations of the cycle.

The cycle addresses all core elements of information security for any security infrastructure implemented as follows:

- Security management;
- Corporate continuity;
- Secure information processing; and
- Technical assurance.

Business Benefits

Our methodology is both scaleable and flexible. It can be applied to a specific or all aspects of the information security framework. It can also be applied either to one site or many divisions wherever they are located in the world. It can even be applied to a consortium or confederation of trading partners to provide comfort where there is significantly inter-company trading.

The main benefits to your organisation are:

- Assurance that your information assets are being managed and controlled in accordance with local regulatory requirements and codes of best practice;
- Confirmation that your information is protected from security breaches;
- Confidence that your information is secure; and
- A consistent approach to establishing and maintaining information security is adopted worldwide.

Some of our reputed clients:

Banks:

- Bank of Maharashtra
- Vidya Sahakari Bank Limited
- Mahad Co-operative Urban Bank Limited
- Chiplun Urban Co-operative Bank Limited
- Nasik Peoples' Co-operative Bank Limited
- Annasaheb Magar Co-operative Bank Limited
- Walchandnagar Sahakari Bank Limited
- Pavana Sahakari Bank Limited

Corporate Clients:

- The Premier Automobiles Limited
- Penta Computing Private Limited
- Computer Home Private Limited
- Amogh Technologies Private Limited
- Indrajit Systems Private Limited
- Compack Extrusions Private Limited

About Us

MVL Consulting Private Limited (MVL) is a group of banking and finance professionals having accumulated expertise of more than 1000 man years. As a professional consulting firm, MVL has been operating since 1996. We bring to bear a wealth of practical experience of directly operating in and regulating financial markets, and of providing relevant training. We and our Associates have gained this experience in senior positions in Central Bank, large commercial banks, merchant banks, fund management companies, stock exchange and its leading member firms, other international consulting firms etc.