



Infopercept

Your Ally in Digital Warfare

Integration of ISMS, ISO 2000 & ISO 22301

Knowledge – Letter

The known cycle of Deming or PDCA (Plan, Do, Check, and Act), which can make the integration of various ISO standards in an organization easier.

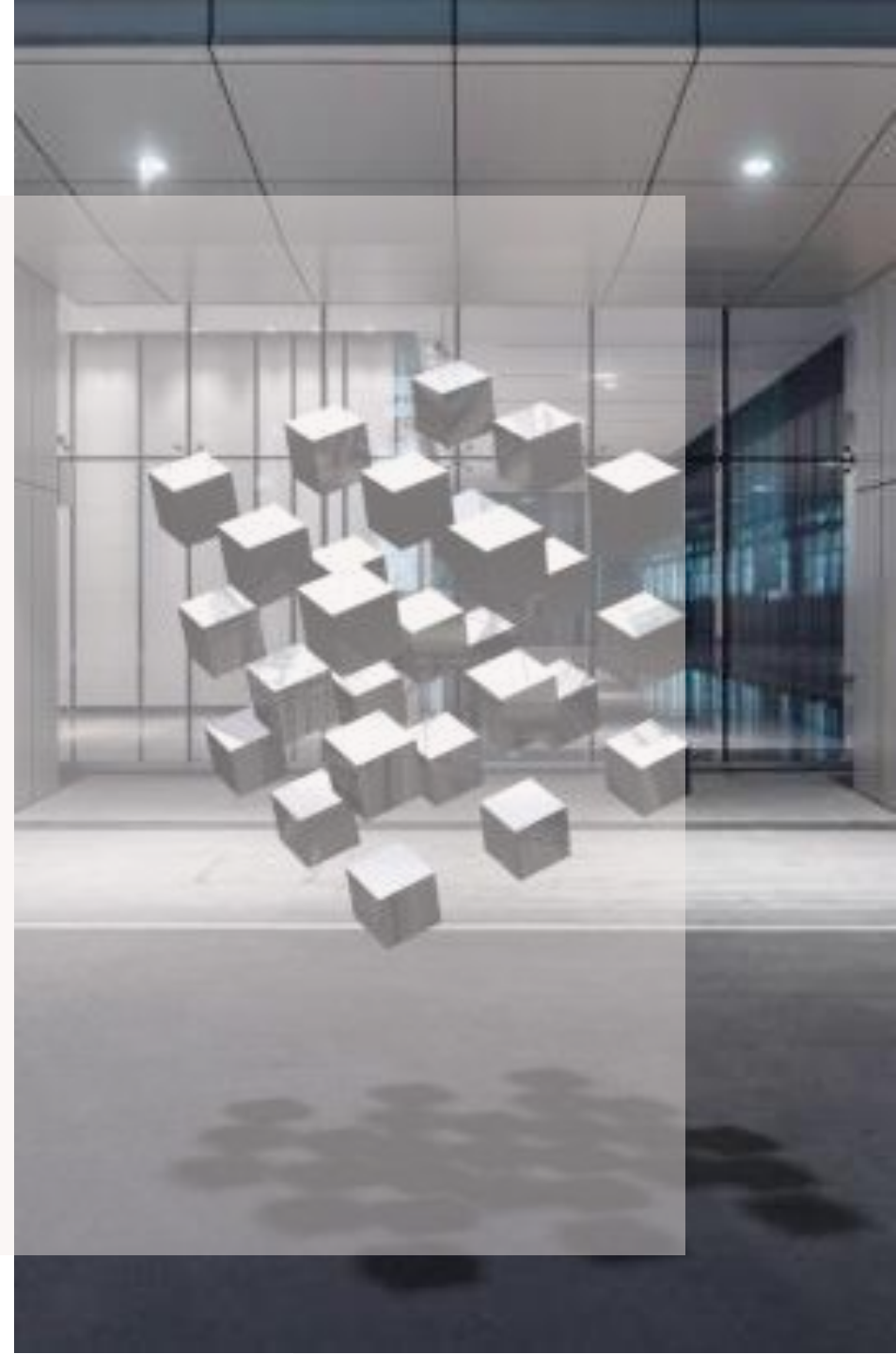
1. Plan	2. Do	3. Check	4. Act
1.1 Initiating the SMS	2.1 Organizational strategy	3.1 Monitoring, Measurement, Analysis and Evaluation 3.2 Internal Audit 3.3 Management Review	4.1 Treatment of Non-conformities
1.2 Understanding the organization	2.2 Document Management		4.2 Continuous Improvement
1.3 Analyze the existing System	2.3 Design of Controls and Procedures		
1.4 Leadership and Project Approval	2.4 Communication		
1.5 Scope	2.5 Awareness and Training		
1.6 Security Policy	2.6 Implementation of Controls		
1.7 Risk Assessment	2.7 Incident Management Review		
1.8 Statement of Applicability	2.8 Operations Management		

Overview

- **An Integrated Management System (IMS)** integrates all of an organization's systems and processes into one complete framework, enabling an organization to work as a single unit with unified objectives.
- IMS shows your commitment to increased performance, employee and customer satisfaction, and continuous improvement.

Benefits of an Integrated Management System

- Improving performance
- Eliminating redundancies
- Accountability
- Establish consistency
- Reducing Bureaucracy
- Cost Reduction
- Optimize Processes and Resource
- Reducing maintenance



Literature Review

- The focus of **ISO 27001** is to protect the confidentiality, integrity and availability of the information in a company.
- The consequences of unexpected business disruptions may be far-reaching and might involve loss of life, loss of assets or income, or the inability to deliver products and services on which the organization's survival. In such a case, **ISO 22301** standard is right for your organization to demonstrate to stakeholders that your organization can rapidly overcome operational disruption to provide continued and effective services.
- **ISO 20000**, the international IT service management (ITSM) standard enables IT organizations (in-house, outsourced or external) to ensure that their ITSM processes are aligned both with the needs of the business and with international best practice. ISO 20000 helps organizations benchmark how they deliver managed services, measure service levels and assess their performance. It is broadly aligned with, and draws strongly on, ITIL.



Purpose of the study

In today's competitive business environment, streamlining operations is essential to keeping overhead costs low. Key principles of lean management include eliminating redundancies and consolidating systems. Implementing an integrated management system provides a framework for doing just this. When you integrate your management systems, you reduce duplication and improve efficiency.

To study the integration of ISMS, ISO 2000 & ISO 22301.





Definitions

ISO 27001 is a specification for an information security management system (ISMS). An **ISMS** is a framework of policies and procedures that includes all legal, physical and technical controls involved in an organization's information risk management processes.

ISO/IEC 20000-1 is the best practice framework for a service management system (SMS) that helps you to provide a consistent, reliable service. It is ideal for any service provider, large or small, who wants to provide assurance in the quality of the services they deliver.

ISO 22301 is the international standard for Business Continuity Management (BCM). It provides a practical framework for setting up and managing an effective BSMS that aims to safeguard an organization from a wide range of potential threats and disruptions.



ISMS



SMS

BCMS

BUSINESS CONTINUITY



Assessment of present BCP
Interview with key staff



Risk evaluation
Critical process
identification



Data replication
Hosting backup



Annual testing of BCP
On-site technical support
Remote Technical Support

Findings

Similarities

ISMS & SMS: Both standards are very compatible and can be integrated perfectly, in which case we will get an integrated management system that will provide quality and security to our business processes and services, and therefore our customers will be more satisfied.

ISMS & BCMS: Given that the selection of the scope of the information security management system is the organization's most critical information, the integration of the ISMS to the BCMS would be greatly enhanced if the physical location of the ISMS scope is the same as that of the BCMS.

As such, the scope of the BCMS should be focused on the organization's key products and services operating within the physical scope of the ISMS. Given this scenario, the scope of the ISMS and the BCMS can be documented within a single document.



The benefits of ISO 20000

- A consistent approach to service management
- IT service provision becomes measurable and accountable
- Consistent levels of service are agreed
- Improved communication flows between IT and the business
- IT gain better understanding of the business requirement
- Reduced risk of business failure
- A reduction in the number of avoidable and repeat incidents
- Higher availability of systems and services

The benefits of ISO 27000

- Reduction in possibly damaging/embarrassing information leaks & failures.
- Total risk mitigation, security of brand equity
- Reduction in costs due to fewer security incidents
- Common policies and control across the whole organization
- Increased staff awareness
- Better monitored and audited systems and information flows
- The risk significantly reduced





He benefits of ISO 22301

Minimize the effect of a disruption on an organization.

Reduce the risk of financial loss.

Retain company brand and image and give staff, clients and suppliers confidence in the organization's services.

Enable the recovery of critical systems within an agreed timeframe.

Meet legal and statutory obligations.

Measure the level of compliance to international Business Continuity standards from the Business Continuity Institute.

Annex SL and Integration

Annex SL is the document that defines the high level structure for all ISO management systems standards. Annex SL is designed to better facilitate the use of integrated management systems, providing organizations with the tools they need to streamline current protocol, encourage standardization and transform existing management systems into an integrated model.

Conclusion

Through this study, we concluded that integrating more than one standard can prove to be beneficial for the organization.

Integrating ISO 27001, ISO 22301 & ISO 20000 is beneficial as the organization can provide efficiently the services to the clients without any disruptions in between along with ensuring the confidentiality, integrity & availability of the client's sensitive data.

Infopercept's vision and core values revolve around making organizations more secure through the core values of Honesty, Transparency and Knowledge, so as to enable them to make better informed decisions about their security practices & goals. With our synergistic vision to combine technical expertise and professional experience, we aim to further establish our place as a one stop shop for our clients and partners' cybersecurity and accreditation needs.

Our specialized core team comprises of experienced veterans, technical experts & security enthusiasts having good practical experience & thorough knowledge in the Cybersecurity domain, are abreast of the latest trends and security innovations; ensuring that you always get the best security approach & solutions for your specific business needs, exactly the way you want it to be.

Imprint

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