

2024



Technical & Financial Proposal For

ISO 27001:2022 Certification

SUBMITTED BY



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Table of Contents

Executive Summary	03
Intorduction	04
Project Objectives	05
Scope of Work	06
Project Approach & Methodology	07
List of ISO 27001 Mandatory Documents	09
Deliverables	12
Project Schedule	12
Team Composition	13
Financial Proposition	14
Our Expertise	16
Conclusion	19

Executive Summary

This proposal outlines Byte Care Limited’s approach to implementing and maintaining an ISO 27001:2022 compliant Information Security Management System (ISMS) for your organization. The goal is to ensure that the client’s information assets are adequately protected against the evolving landscape of cybersecurity threats. Our proposal includes a comprehensive project plan, covering gap analysis, ISMS development, implementation, auditing, and certification support.



Introduction

Company Overview: Byte Care Limited is a leading cybersecurity firm with extensive experience helping organizations establish and maintain robust information security management systems. We specialize in compliance with internationally recognized standards such as ISO 27001, and we have successfully guided numerous organizations through the certification process.

Understanding of Client's Needs: We understand that you are seeking to enhance its information security posture by aligning with the ISO 27001:2022 standard. Our approach is tailored to meet your specific needs, ensuring that your ISMS is not only compliant but also practical and scalable to support your business operations.

ORGANIZATION AND MANAGEMENT



Engr. M. Golam Soroar

CISA, C|EH, C|SA, PMICS-DU

General Secretary Of CPSB, Life Fellow of IEB, Member of BCS, Member of ISACA

Presenter – Cyber Talk, ATN Bangla

CEO, Byte Care Limited

CEO's Message

At Byte Care Limited, we understand the vital role of securing information in today's digital world. With rising cybersecurity threats, protecting sensitive data is essential. We're proud to offer ISO 27001 certification services in partnership with TÜV SÜD, a global leader in certification.

ISO 27001 goes beyond compliance—it's a proven framework for managing and safeguarding critical information. Our partnership with TÜV SÜD ensures that your business benefits from the best practices in information security, helping to mitigate risks and build trust.

At Byte Care Limited, we are committed to guiding you through the certification process, ensuring resilience and security excellence.

Project Objective

The primary objectives of this project include:



ESTABLISHING A COMPLIANT ISMS

Develop an ISMS that meets all the requirements of ISO 27001:2022, tailored to the unique context of your organization.

PROTECTING INFORMATION ASSETS

Ensure the confidentiality, integrity, and availability of critical information assets through the implementation of appropriate controls.



ESTABLISHING A COMPLIANT ISMS

Develop an ISMS that meets all the requirements of ISO 27001:2022, tailored to the unique context of your organization.

PROTECTING INFORMATION ASSETS

Ensure the confidentiality, integrity, and availability of critical information assets through the implementation of appropriate controls.





Scope of Work

The scope of this project covers the entire lifecycle of ISO 27001:2022 implementation, including the following key areas:



Information Assets

Identification and protection of critical information assets, including digital data, intellectual property, customer information, and operational data.



ISMS Scope

The ISMS will be implemented across all relevant locations where your organization operates, including corporate offices, data centers, and remote working environments.



Business Processes

The ISMS will cover key business processes such as IT operations, human resources, finance, procurement, and customer service.



Technology Stack

The scope includes all IT infrastructure, including servers, networks, applications, databases, and cloud services.

Project Approach and Methodology

1

Phase 1: Gap Analysis

- **Initial Assessment:** We will conduct an initial assessment to understand the current state of your organization's information security practices and identify gaps in compliance with ISO 27001:2022.
- **Gap Analysis Report:** A detailed report will be prepared, outlining the areas where current practices fall short of ISO 27001 requirements. The report will include recommendations for addressing each identified gap.

2

Phase 2: ISMS Development

- **ISMS Framework Development:** Based on the gap analysis, we will develop a comprehensive ISMS framework tailored to your organizational context, including policies, procedures, and controls.
- **Risk Assessment:** We will establish a risk assessment methodology in line with ISO 27005 and conduct a thorough risk assessment to identify and evaluate risks to information assets.
- **Control Selection:** Appropriate controls will be selected and mapped to the identified risks. This will include both technical controls (e.g., encryption, access control) and organizational controls (e.g., security awareness training, incident management).

3**Phase 3: Implementation**

- **Policy Implementation:** We will assist in implementing the ISMS policies and procedures across the organization, ensuring that all stakeholders are aware of their responsibilities.
- **Technical Implementation:** Our team will work closely with your IT department to implement the necessary technical controls, including firewalls, intrusion detection systems, data encryption, and secure access management.
- **Training and Awareness:** We will conduct training sessions for employees at all levels to ensure they understand their roles within the ISMS and are equipped to contribute to the organization's security objectives.

4**Phase 4: Internal Audit and Review**

- **Internal Audit Planning:** We will develop an internal audit plan based on ISO 19011 guidelines, focusing on areas of high risk and compliance with the ISMS.
- **Conducting the Internal Audit:** Our certified internal auditors will carry out a detailed audit of the ISMS, evaluating its effectiveness and identifying any areas of non-conformity.
- **Management Review:** We will facilitate a management review meeting to discuss audit findings, review ISMS performance, and make decisions on necessary improvements.

5**Phase 5: Certification Support**

- **Pre-Certification Assessment:** Prior to the external certification audit, we will conduct a pre-certification assessment to ensure that the ISMS is fully compliant and all documentation is in order.
- **Audit Support:** We will provide support during the certification audit, including preparing documentation, facilitating auditor queries, and addressing any non-conformities identified by the certification body.
- **Post-Certification Support:** Following certification, we will offer ongoing support to maintain compliance, including periodic reviews, updates to the ISMS, and assistance with surveillance audits.

List of ISO 27001 Documents

SL No	Mandatory Documents
1	Scope of the ISMS
2	Information security policy
3	Risk assessment and risk treatment process
4	Statement of Applicability
5	Risk treatment plan
6	Information security objectives
7	Risk assessment and treatment report
8	Inventory of assets
9	Acceptable use of assets
10	Incident response procedure
11	Statutory, regulatory, and contractual requirements
12	Security operating procedures for IT management
13	Definition of security roles and responsibilities
14	Definition of security configurations
15	Secure system engineering principles

SL No	Non-Mandatory Documents
1	Procedure for document control
2	Controls for managing records
3	Procedure for internal audit
4	Procedure for corrective action
5	Bring your own device (BYOD) policy
6	Mobile device and teleworking policy
7	Information classification policy
8	Password policy
9	Disposal and destruction policy
10	Procedures for working in secure areas
11	Clear desk and clear screen policy
12	Change management policy
13	Backup policy
14	Information transfer policy
15	Access control policy
16	Supplier security policy
17	Disaster recovery plan
18	Encryption policy

11 new controls introduced in the ISO 27001:2022

SL No	Controls Name
1	A.5.7 Threat intelligence
2	A.5.23 Information security for use of cloud services
3	A.5.30 ICT readiness for business continuity
4	A.7.4 Physical security monitoring
5	A.8.9 Configuration management
6	A.8.10 Information deletion
7	A.8.11 Data masking
8	A.8.12 Data leakage prevention
9	A.8.16 Monitoring activities
10	A.8.23 Web filtering
11	A.8.28 Secure coding

Deliverables

- **Gap Analysis Report:** A comprehensive report detailing current security practices and areas needing improvement.
- **ISMS Documentation:** Complete documentation of the ISMS, including policies, procedures, risk assessments, and control mappings.
- **Risk Assessment Report:** A detailed report on identified risks and the corresponding mitigation strategies.
- **Internal Audit Reports:** Findings and recommendations from the internal audits conducted.
- **Certification Readiness Report:** A final report summarizing the readiness of the organization for the ISO 27001:2022 certification audit.

Project Schedule

Project Timeline: We estimate that the ISO 27001:2022 implementation will take approximately 8 months, broken down as follows:

- Month 1: Gap Analysis and Initial Assessment
- Month 2-3: ISMS Development and Risk Assessment
- Month 4-6: ISMS Implementation and Training
- Month 7: Internal Audit and Management Review
- Month 8: Pre-Certification Assessment and Certification Audit

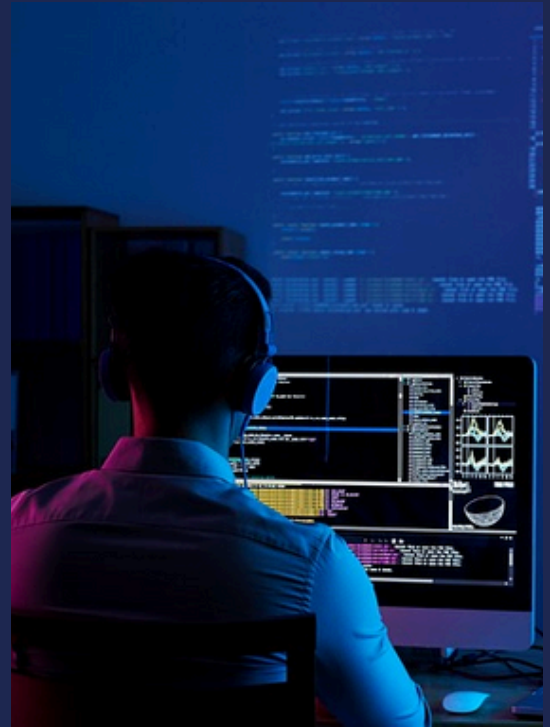
Milestones:

- Project Kickoff: **Week 1**
- Completion of Gap Analysis: **Week 4**
- ISMS Documentation Finalized: **Week 12**
- ISMS Fully Implemented: **Week 24**
- Internal Audit Completed: **Week 28**
- Certification Audit Support: **Week 32**

Team Composition

PROJECT LEADERSHIP

- **Project Manager:** Responsible for overall project coordination, ensuring timelines are met, and serving as the primary point of contact for your organization.
- **Lead ISO 27001 Consultant:** A certified ISO 27001 Lead Auditor with over several years of experience in ISMS development and implementation.
- **Information Security Analysts:** A team of certified professionals with expertise in information security management, technical controls, and compliance auditing.



TECHNICAL TEAM

- **IT Security Specialists:** Responsible for the implementation of technical controls such as firewalls, encryption, and access management systems.
- **Risk Management Experts:** Specialists in identifying, assessing, and mitigating information security risks.

AUDITORS

- **Internal Auditors:** Certified auditors with experience in conducting ISO 27001 internal audits, ensuring that the ISMS meets the standard's requirements.

CERTIFICATION BODY

Byte Care Ltd. is pleased to announce that we have established a partnership with **TUV SUD as our certification body for ISO 27001:2022.** This collaboration underscores our steadfast dedication to upholding the highest standards of information security management.



Financial Proposition

Financial Proposal for ISO 27001:2022			
Phase	Activities	Resource/Personnel	Cost
1. Scoping and Initial Assessment			
Scope Definition	Define scope boundaries, including departments, systems, and processes.	ISO Consultant	1,50,000/-
Gap Analysis	Review existing policies, controls, and infrastructure to identify gaps against ISO 27001 requirements.	ISO Consultant	
Stakeholder Engagement	Conduct meetings with department representatives for requirements alignment.	Project Manager	
2. Risk Assessment and Treatment			
Risk Identification	Identify risks associated with information security.	ISO Consultant	1,00,000/-
Risk Analysis	Evaluate risk severity and likelihood.	ISO Consultant	
Treatment Plan Development	Define control measures to mitigate identified risks.	ISO Consultant	
3. ISMS Documentation and Control Implementation			
Policy Development	Create necessary ISMS policies and procedures.	ISO Consultant	2,00,000/-
Control Implementation	Implement controls as per ISO 27001 Annex A requirements.	ISO Consultant	
Control Implementation Training	Train teams on control applications and ISMS best practices.	ISO Trainer	
4. Internal Audits and Review			
Internal Audit	Conduct an internal audit to evaluate ISMS implementation.	ISO Consultant	1,00,000/-
Management Review	Facilitate a review meeting with top management for ISMS performance.	Project Manager	

Financial Proposition

5. Certification Audit Support			
Stage-1 Certification Audit Support	Coordinate and provide documentation to certification body for initial audit.	ISO Consultant/ Project Manager	5,00,000/-
Stage-2 Certification Audit Support	Support certification body in final audit and address findings.	ISO Consultant/ Project Manager	
Surveillance Audit (Year-01)	Conduct Year-01 Surveillance audit to validate continued compliance.	ISO Consultant/ Project Manager	1,00,000/-
Surveillance Audit (Year-02)	Conduct Year-02 Surveillance audit to validate continued compliance.	ISO Consultant/ Project Manager	1,00,000/-
Total Project Cost			12,50,000/-

Our Expertise

Muhammad Golam Soroar

CEO in Byte Care Limited

Soroar is a proven information security leader with success in guiding the implementation of Information Security framework and standards while balancing security initiatives to risks, business operations, and innovations. Specialties include Cyber Security, systems architecture, configuration management, and Information Security Management framework implementation with extensive experience in the financial sector, Telecom sector, and consultancy service industries.

EXPERIENCE

- **Byte Care Limited.** January 2024 – Present
Chief Executive Officer
- **Green B, Dhaka, Bangladesh,** April 2021 – Present
CIO & Managing Partner
- **Mr. Marketing SEO LLC., SC, USA** June 2014 – December 2021
Lead Web Developer
- **Zia Web LLC., NC, USA** March 2013 – March 2014
Lead Web Developer
- **Web Deb Technologies Ltd** July 2012 – Feb 2013
Sr. Software Engineer
- **Evoknow Inc., Dhaka, Bangladesh** March 2012 – Jun 2013
Software Engineer
- **BRAC, Dhaka, Bangladesh** October 2009 – February 2012
Software Engineer

EDUCATION

- Professional Masters in Information & Cyber Security (PMICS)
University of Dhaka, Bangladesh
- B.Sc. in Computer Science & Engineering (CSE) Passing: 2006
Result: 2.59 out of 4.0
Dhaka University of Engineering and Technology (DUET), Gazipur Bangladesh
- Diploma in Engineering (Electrical Technology) Passing: 2000,
Result: First Division, Bangladesh Technical Education Board, Dhaka Bangladesh

SKILLS

- Audit & Compliance: ISO 27001 Lead Auditor, COBIT, NIST, SOC 2.
- Software & Tools: ACL Analytics, Tableau, Power BI, SAP GRC, Archer.
- Programming & Scripting: Python, SQL, Java, Visual Basic, PowerShell.

Certifications

- Certifications: Certified Information Systems Auditor (CISA) (2024)
- ISO 27001:2022 Lead Auditor
- Certified Ethical Hacker (CEH)

Our Expertise

Ishtiaq Jamil

Information Security Consultant in Byte Care Limited

Ishtiaq is a seasoned information security consultant with a strong track record in implementing information security frameworks and standards. He excels at balancing security initiatives with risk management, business operations, and innovation. His specialities include Cyber Security, systems architecture, configuration management, and Information Security Management framework implementation. Ishtiaq brings extensive experience across the financial sector, telecom sector, and consultancy service industries.

EXPERIENCE

- **National Credit & Commerce Bank PLC.** December 2024 - Present
Associate Manager (Principal Officer)
- **Eastern Bank PLC,** March 2022 - December 2022
CIO & Managing Partner
- **Mercantile Bank PLC,** December 2020 - March 2022
Lead Web Developer
- **The City Bank PLC,** October 2019 - December 2020
Assistant Manager (Senior Officer)
- **United Commercial Bank PLC,** July 2018 - October 2019
Officer
- **The Premier Bank PLC,** May 2016 - July 2018
IT-Officer
- **Ericsson Bangladesh Ltd,** December 2011 - May 2016
Sr. Engineer

EDUCATION

- Master of Engineering in Information Systems Security Passing: 2016
Result: 3.58 out of 4.0
Bangladesh University of Professionals (BUP)
- B. Sc in Electronics & Telecommunication Engineering: Passing: 2011,
Result: 2.67 out of 4.0
North South University
- Higher Secondary Certificate Passing: 2006,
Result: 4.60 out of 5.0
Rifles Public College

SKILLS

- Audit & Compliance: ISO 27001 Lead Auditor, COBIT, NIST, SOC 2.
- Software & Tools: ACL Analytics, Tableau, Power BI, SAP GRC, Archer.
- Programming & Scripting: Python, SQL, Java, Visual Basic, PowerShell.

Certifications

- Certifications: Certified Information Systems Auditor (CISA) (2024)
- ISO 27001:2022 Lead Auditor

Our Expertise

Ayan Majumder Kakon

Security Analyst in Byte Care Limited

Ayan is an emerging talent in information security, contributing to the implementation of Information Security frameworks and standards. As a Security Analyst, he supports balancing security initiatives with business operations and risk management. His developing expertise includes Cyber Security, systems architecture, and configuration management, with growing experience in the financial sector, telecom sector, and consultancy service industries.

EXPERIENCE

- **Byte Care Limited.** May 2024 - Present
Security Analyst
- **Pentesterspace.** January 2024 – April 2024
Security Analyst
- **SoftifyBD Limited.** July 2023 – September 2023
Network and System Administration

EDUCATION

- Professional Masters in Information and Cyber Security
Ongoing
University of Dhaka, Bangladesh
- B.Sc. in Computer Science & Engineering (CSE) Passing: 2022
Result: 3.66 out of 4.0
R.P. Shaha University

SKILLS

- Audit & Compliance: ISO 27001 Lead Auditor, COBIT, NIST, SOC 2.
- Software & Tools: Wireshark, SIEM, IDS
- Programming & Scripting: Python, SQL, Java, Visual Basic, PowerShell.

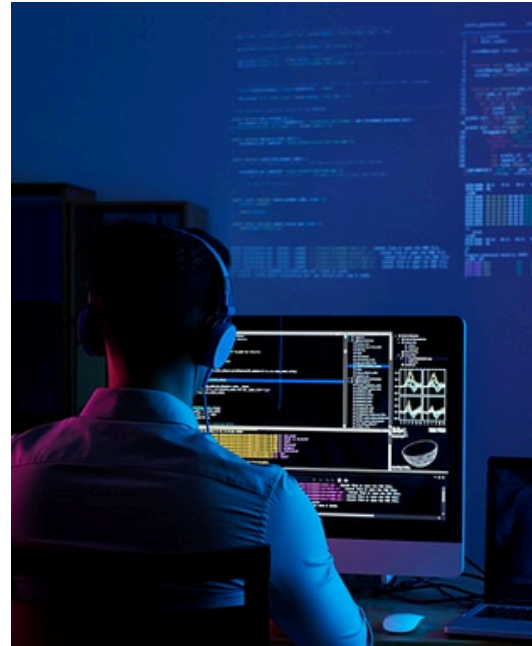
Certifications

- ISO 27001:2022 Lead Auditor

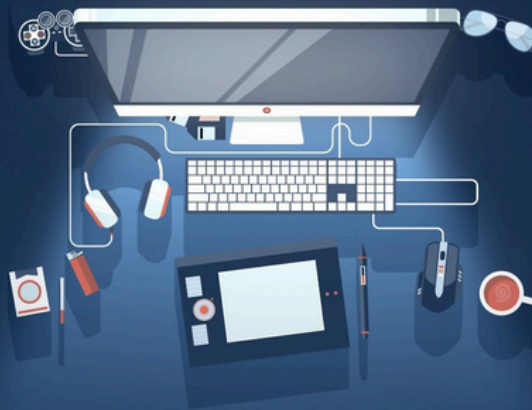
Conclusion

Byte Care Limited is committed to delivering a successful ISO 27001:2022 implementation that not only meets but exceeds your expectations. Our experienced team, proven methodology, and client-focused approach ensure that your organization will achieve certification and maintain a robust ISMS that supports your business objectives.

We look forward to the opportunity to work with you and help secure your information assets against the evolving threats of the digital age.



For further Information



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