Byte Care ™ Ltd.
Empowering Digital Excellence

Technical Proposal

ISO 27001:2022

Byte Care Lab
Securing Every Byte

Byte Care Lab 🌐
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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
CEO

CEO's Message

At Byte Care Limited, we recognize the critical importance of securing information in today's digital landscape. As organizations face ever-increasing risks in cybersecurity, safeguarding sensitive data is no longer a choice but a responsibility. With our deep commitment to ensuring the highest standards of information security, we are proud to offer our services for ISO 27001 certification in partnership with TÜV SÜD, one of the world's leading certifying bodies.

ISO 27001 certification is more than just compliance; it demonstrates a robust framework for managing and protecting critical information assets. By partnering with TÜV SÜD, Byte Care Limited leverages global expertise to help organizations implement and maintain industry-leading information security management systems. Our goal is to empower businesses to mitigate risks, build trust, and create a secure environment for sustainable growth.

At Byte Care Limited, we are driven by innovation, quality, and excellence. Our team of experts is dedicated to guiding you through every step of the certification process, ensuring that your organization achieves not only compliance but also resilience in the face of evolving security challenges.

We look forward to collaborating with you and helping your organization enhance its security posture through the rigorous ISO 27001 framework.

Thank you for trusting Byte Care Limited as your partner in security excellence.

Sincerely,
Engr. M. Golam Soroar
CEO, Byte Care Limited

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Project Objective

The primary objectives of this project include:
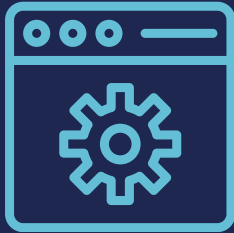
ESTABLISHING A COMPLIANT ISMS

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.

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Scope of Work

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

25%

Information Assets

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

50%

ISMS Scope

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

75%

Business Processes

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

100%

Technology Stack

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

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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).

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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.

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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.

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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

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11 new contorls 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

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Delevarable

- **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.
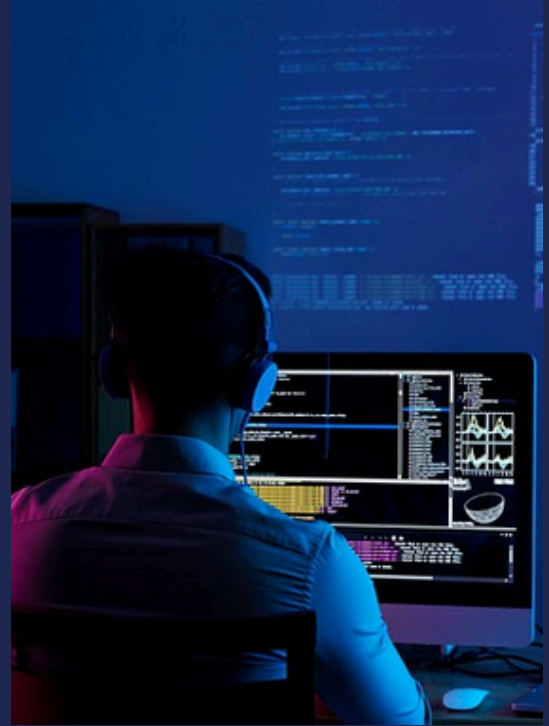
TECHNICAL TEAM

- 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.
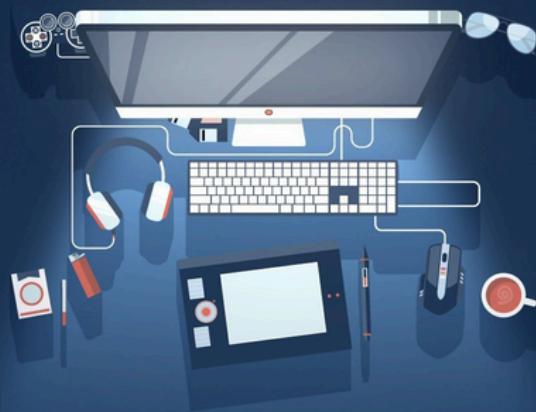
Conclution

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.
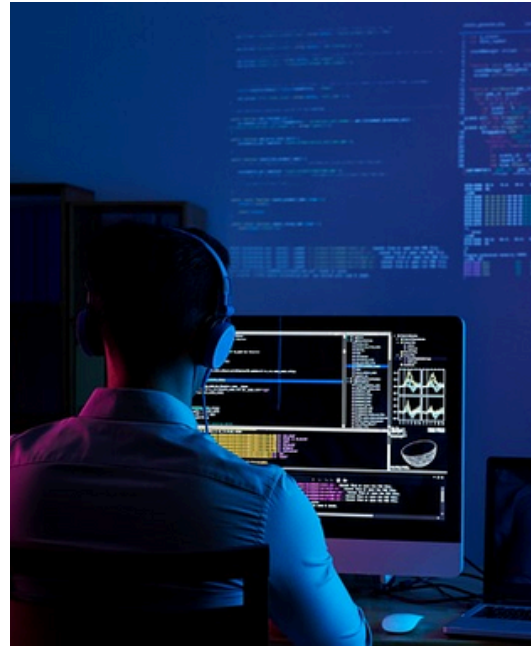
For further Information

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