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|  | **I-ISMS Revision** 1 |

**NP Factory, Ltd.**

**Plant floor**

**Industrial Information Security Management System**

Implementation Plan

Nathan Pocock

https://our.intranet/path/to/document.docx

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| --- | --- |
| **I-ISMS Revision** 1 (30) | **Industrial Information Security Management System**  Implementation Plan  Editor: *Nathan Pocock*  Authors: *Nathan Pocock* |

**Planning**

PRIVATE

|  |  |
| --- | --- |
| Plan - 03 -- Implementation Plan.Docx  Version: 1 Revision 30  Pages: 7 | Path: C:\Users\nathan pocock\OneDrive\wgu-capstone\templates\Plan - 03 -- Implementation Plan.docx  Keywords: implementation, plan, schedule, action items, todo, tasks, work  Last Saved by Nathan Pocock on 9/19/2016 8:24 PM |
|  | **NP Factory, Ltd.**  [Company Address]  Plant floor  I-ISMS  704-491-5840  Manager Pocock |

Executive Summary

A simple schedule template for the rapid implementation of an I-ISMS.

Revision History

|  |  |  |
| --- | --- | --- |
| Revision | Author | Date |
| Initial creation | Nathan Pocock | 18-Sep-16 |
|  |  |  |
|  |  |  |
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# Instructions

To expedite the I-ISMS planning, complete the following steps:

1. Open the document properties and make the necessary modifications
2. Review the Introduction
3. Hit CTRL+A and then press F9 (to update all fields, page numbers, and tables)
4. Complete the schedule

Lastly, delete this page and then save the document.

# Schedule

Complete the schedule, below; delegating tasks where possible:

Figure 1 Implementation Plan Schedule

| Task | Resource Name | Estimated Time | Start Date | End Date | Completion % | Notes |
| --- | --- | --- | --- | --- | --- | --- |
| **Plan** | | | | | | |
| Review the ISMS [Instructions](00%20-%20Instructions.docx) |  | 30 mins |  |  |  |  |
| I-ISMS Policy Development |  | 2-4 hours |  |  |  |  |
| Finalize the [Scope Definition](Plan%20-%2002%20--%20Scope%20Definition.docx) document |  | 1-2 hours |  |  |  |  |
| Update this plan and set your schedule! |  | 2-3 hours |  |  |  |  |
| Conduct vulnerability assessment (entire system) |  | 2-5 days |  |  |  |  |
| Build your [Asset Register](Plan%20-%2004%20--%20Asset%20Register.docx) |  | 2-3 days |  |  |  |  |
| Review/modify [Risk Management](03%20-%20Risk%20Management%20Plan.docx) plan |  | 2-4 hours |  |  |  |  |
| Conduct a [Risk Analysis](06%20-%20Computer%20Vulnerability%20and%20Risk%20Analysis.dotx) for:   * Each factory process * Each computer/device |  | 1-2 days |  |  |  |  |
| Review the [Statement of Applicability](09%20-%20Statement%20of%20Applicability.docx) |  | 1-2 hours |  |  |  |  |
| Define training & awareness plan/materials |  | 1-2 days |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| **DO** | | | | | | |
| Review [Vulnerability Analysis Guide](Do%20-%2001%20--%20Guide%20to%20Infosec%20Vulnerability%20Analysis.docx) |  | 1 hour |  |  |  |  |
| Scan all devices for [vulnerabilities](Do%20-%2002%20--%20Computer%20Vulnerability%20and%20Risk%20Analysis.dotx) (per device) |  | 1-2 hours |  |  |  |  |
| Create a [Risk Treatment Plan](Do%20-%2003%20--%20Risk%20Treatment%20Plan.dotx) in response to the risks identified in the risk register |  |  |  |  |  |  |
| Complete [Security Controls / Implementation](Do%20-%2002%20--%20Security%20Controls%20Identification%20and%20Implementation.docx) |  | 1 hour |  |  |  |  |
| Complete [Business continuity / disaster recovery](Do%20-%2003%20--%20Business%20Continuity%20Plan.docx) |  | 2-3 days |  |  |  |  |
| Complete the [Metrics and Measurements](Do%20-%2006%20--%20Metrics%20and%20Measurements.docx) |  |  |  |  |  |  |
| Harden PCs: [operating system](Do%20-%2006%20--%20Guide%20to%20Windows%20Hardening.docx) (per computer) |  | 1-2 hours |  |  |  |  |
| Harden PCs: [windows Firewall](Do%20-%2007%20--%20Guide%20to%20Windows%20Firewall%20Hardening.docx) (per computer) |  | 1-2 hours |  |  |  |  |
| Setup [Windows PC monitoring system](Do%20-%2009%20--%20Guide%20to%20Windows%20Monitoring.docx) (per computer) |  | 1-2 hours |  |  |  |  |
| Document all [PC/device changes](Do%20-%2010%20--%20Computer%20Change%20History.dotx) (per PC/PLC) |  | 1-2 hours |  |  |  |  |
| Harden [PLCs and networked industrial equipment](Do%20-%2008%20--%20Guide%20to%20Device%20Hardening.docx) (per device) |  | 1-2 hours |  |  |  |  |
| Review PLC ladder logic (per PLC) |  | 2-4 hours |  |  |  |  |
|  |  |  |  |  |  |  |
| **CHECK** | | | | | | |
| Daily/weekly monitoring of logs |  |  |  |  |  |  |
| Conducting [internal audits](Check%20-%2002%20--%20Internal%20Audit%20Checklist.docx) |  |  |  |  |  |  |
| Detecting and [escalating attacks](Check%20-%2003%20--%20Guide%20to%20Incident%20Handling.docx) |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| **ACT** | | | | | | |
| Complete all action items |  |  |  |  |  |  |
| Improve processes/documentation as appropriate |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
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