

Are you protected against cybersecurity threats?

MICHAELVOSSNZ.COM

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Webinar: Are you protected against cybersecurity threats?

- ✔ 5 essential cybersecurity functions
- ✔ Integrating IT security into your Business Management System
- ✔ What systems do you need to manage cyber risk
- ✔ Special offer for you



CYBERSECURITY

Is the

- protection of computer systems from the theft or damage
Hardware, software or the information on them
- protection from disruption or misdirection of services they provide

“Oh that’s for the IT people!”

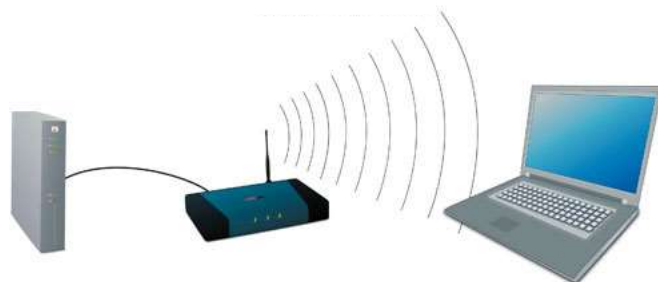
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INTERNET CONNECTED

Wired networks



Wireless networks



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Webinar: Are you protected against cybersecurity threats?

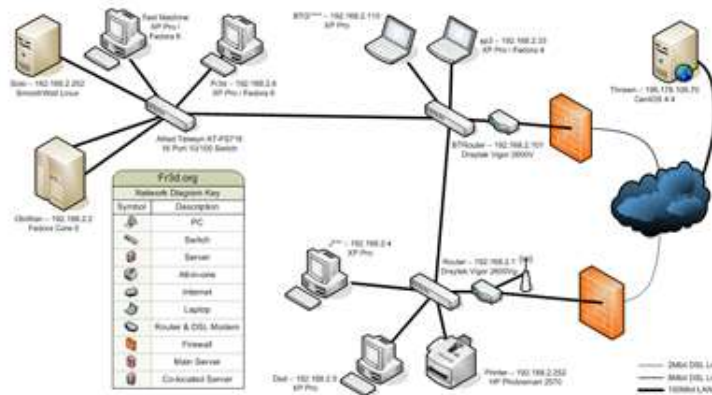
- ✔ 5 essential cybersecurity functions
- ✔ Integrating IT security into your Business Management System
- ✔ What systems do you need to manage cyber risk





NETWORK

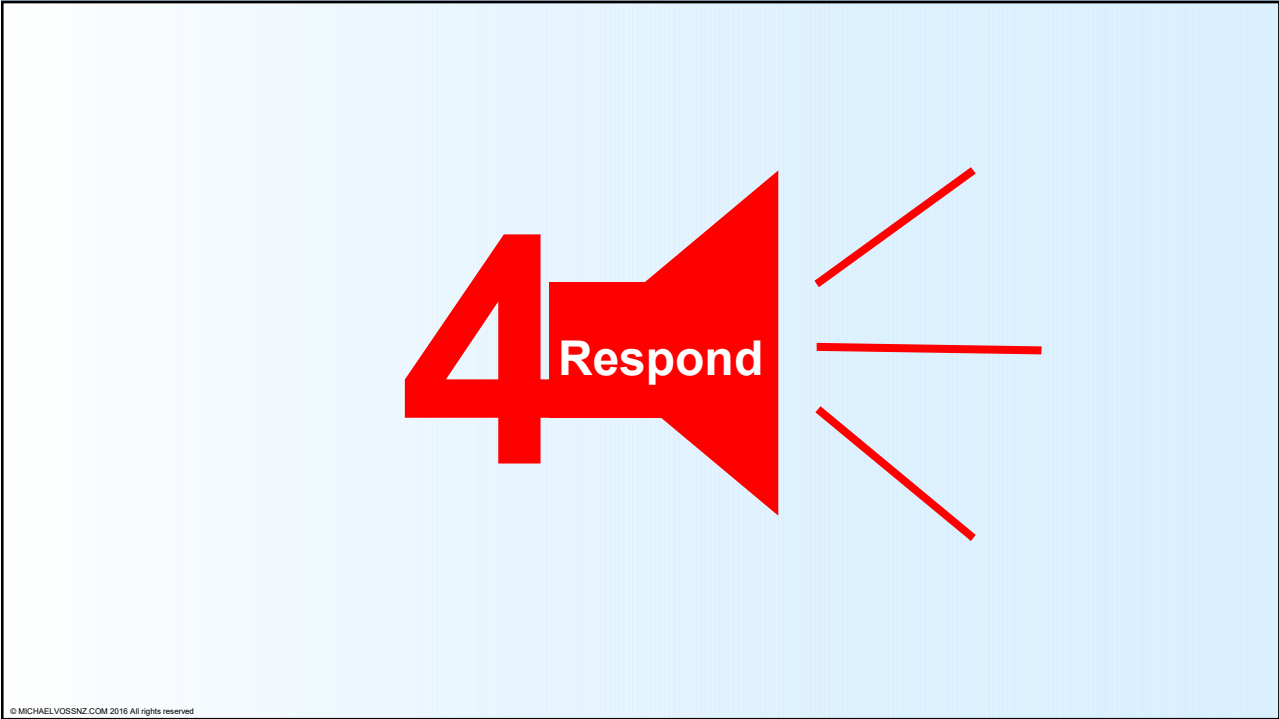
PC
Laptop
Router
Printer
Scanner
Firewall
Server
Internet



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3 Detect

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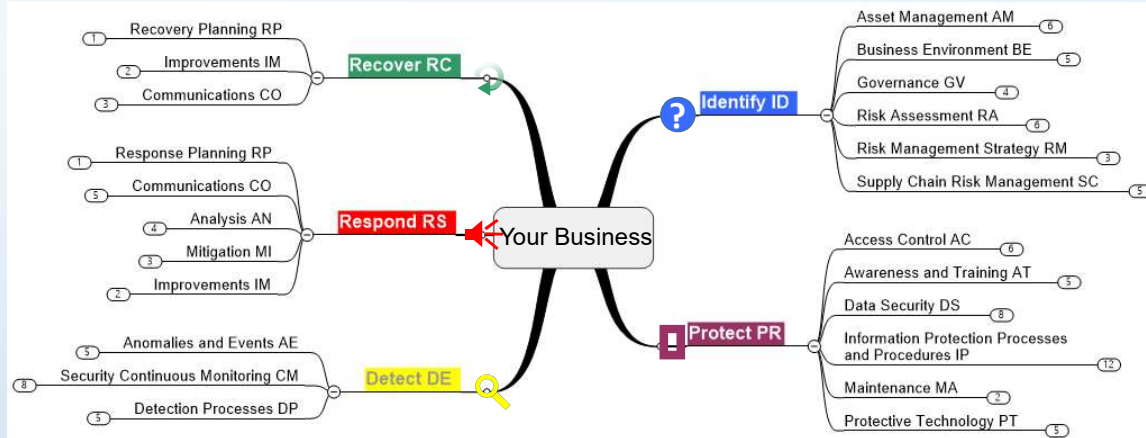
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CYBERSECURITY EXCELLENCE FRAMEWORK

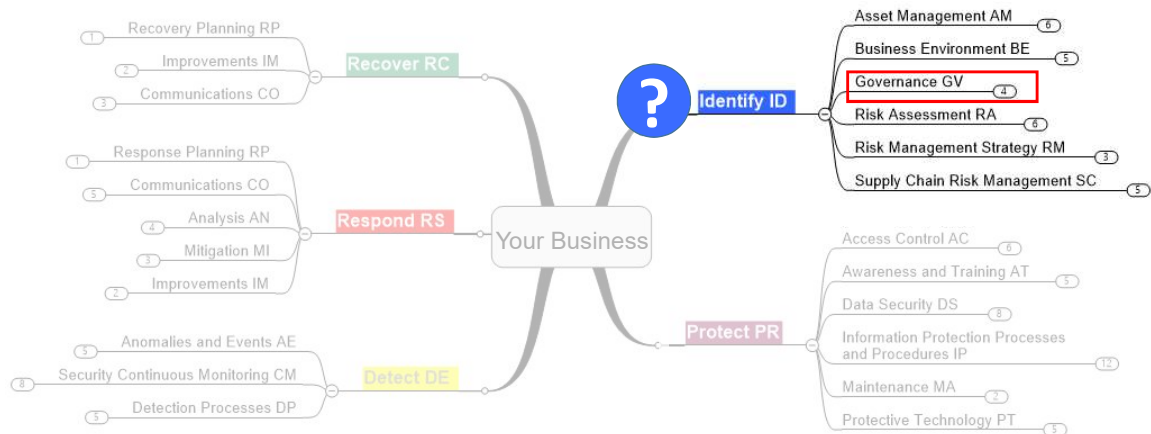
5 FUNCTIONS



23 CATEGORIES / 120+ sub-categories

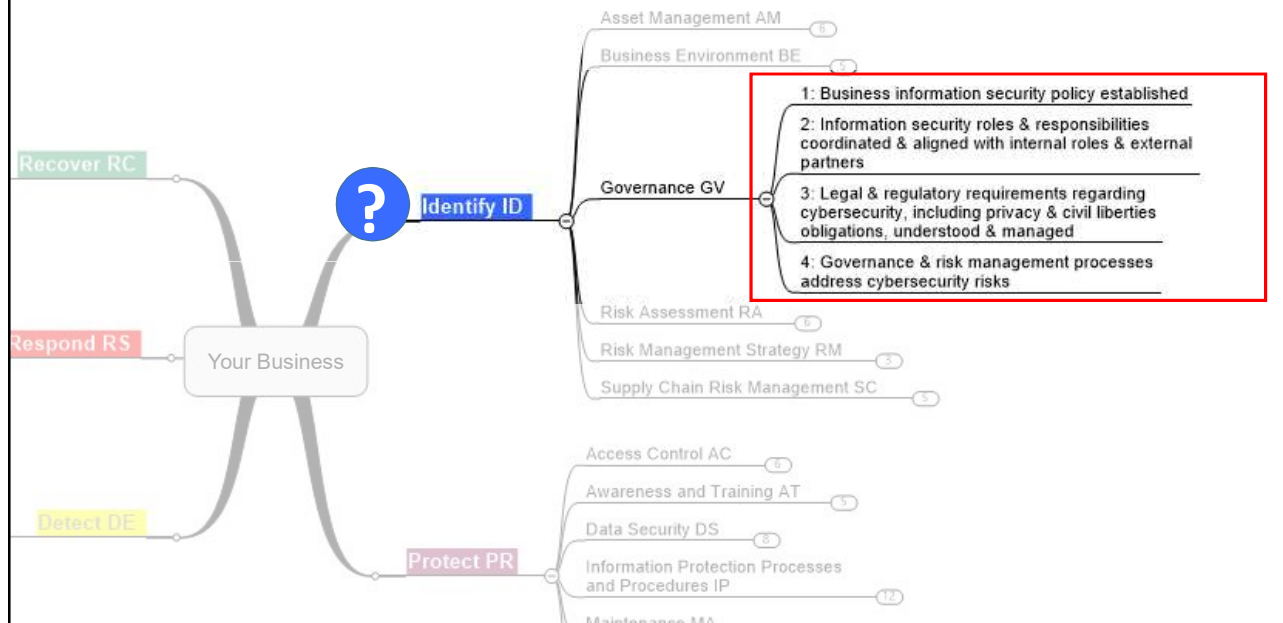
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CYBERSECURITY EXCELLENCE FRAMEWORK

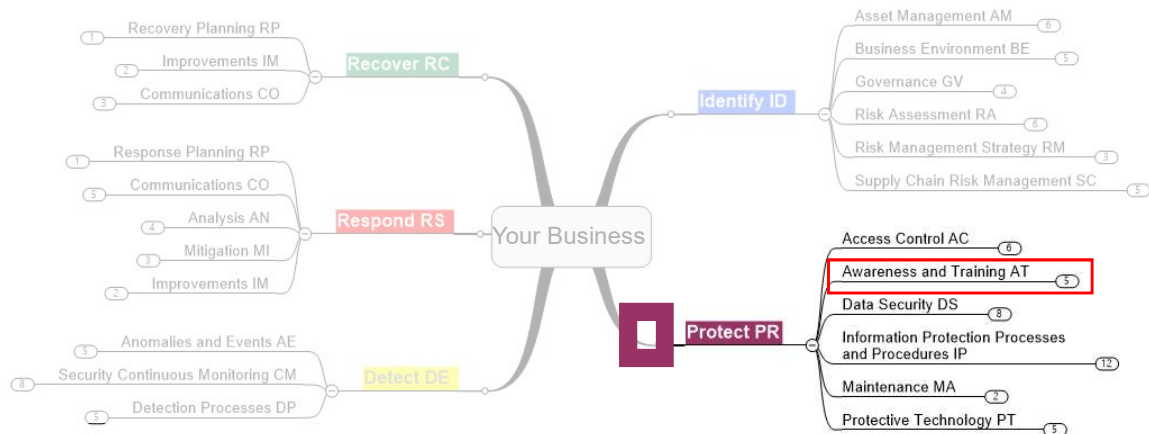


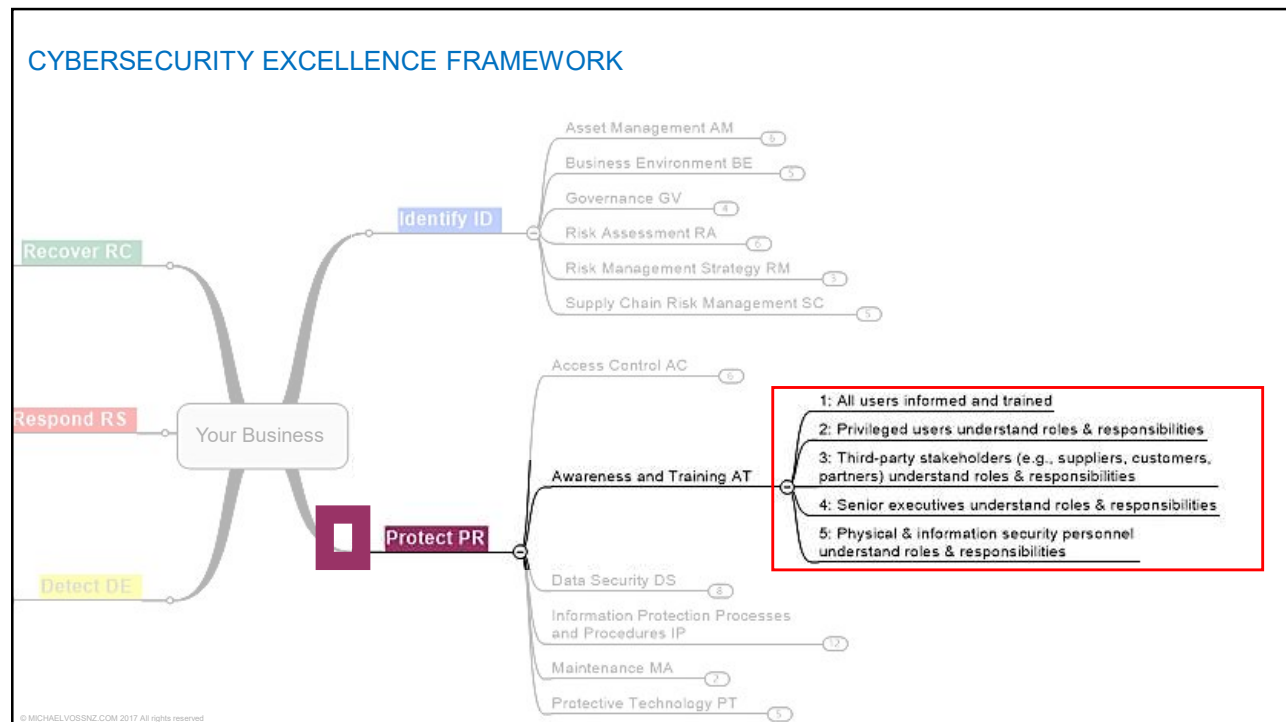
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CYBERSECURITY EXCELLENCE FRAMEWORK



CYBERSECURITY EXCELLENCE FRAMEWORK





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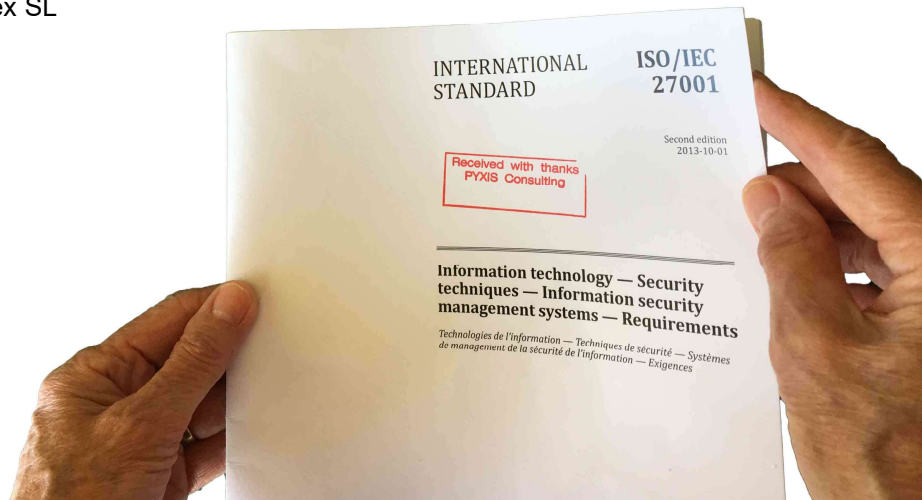
ISO 27001 Information Security Management Systems

ISO/IEC 27001:2013

Information technology – security techniques

Information security management system - requirements

Conforms to Annex SL



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ISO Management system standards

Conforming to Annex SL

ISO 27001 – information technology – information security

ISO 20121 – event sustainability

ISO 22301 – societal security – business continuity

ISO 30301 – information and documentation - records

ISO 39001 – road traffic safety

ISO 9001 – quality

ISO 14001 – environmental

Due 2017

ISO 45001 – occupational health and safety replaces OHSAS 18001

Due 2018

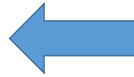
ISO 22000 – food safety

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<http://www.michaelvossnz.com/auditing-management-systems.html>

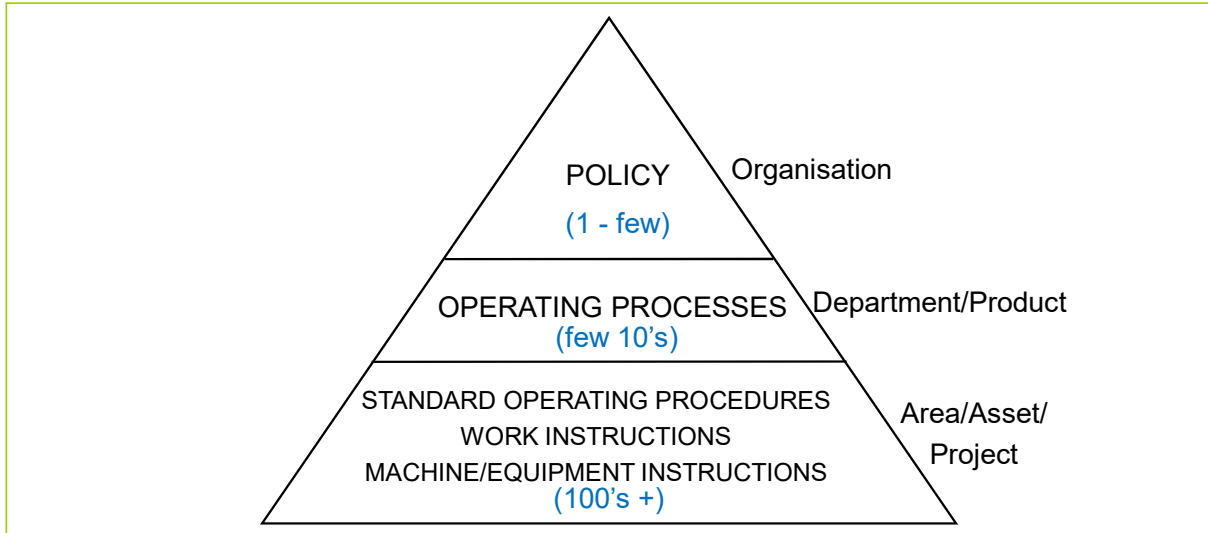
ANNEX SL HIGH LEVEL STRUCTURE

1. Scope
2. Normative References
3. Terms and definitions
4. Context of the organisation
 - Understanding the organisation and its context
 - Needs and expectations of interested parties
5. Leadership
 - Leadership and commitment
6. Planning
 - Actions to address risks and opportunities
7. Support
8. Operation
 - Information security risk assessment
 - Information security risk treatment
9. Performance Evaluation
 - Internal audit
10. Improvement



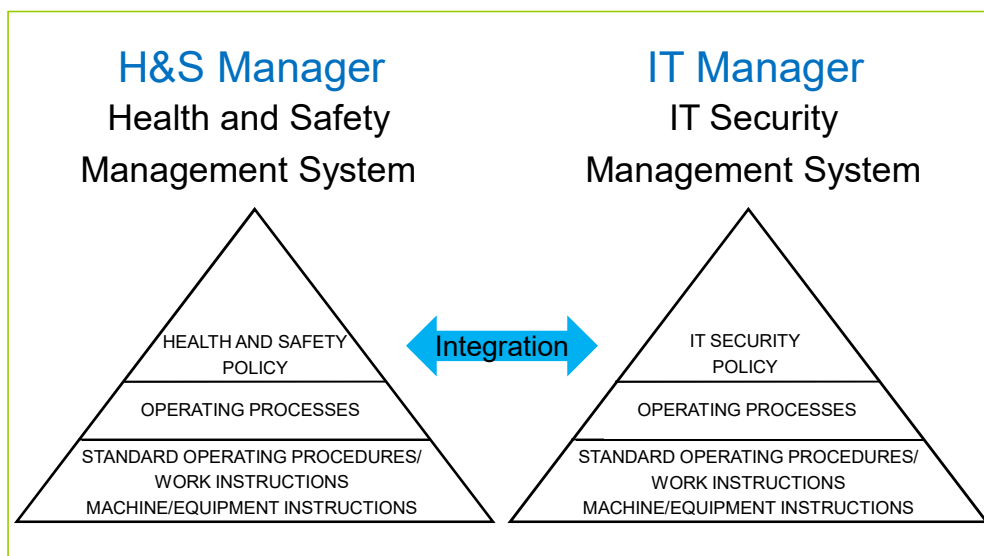
Top management need to
ensure the integration of the information security management system
into the organisation's processes

MANAGEMENT SYSTEM



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TRADITIONAL ORGANISATIONS

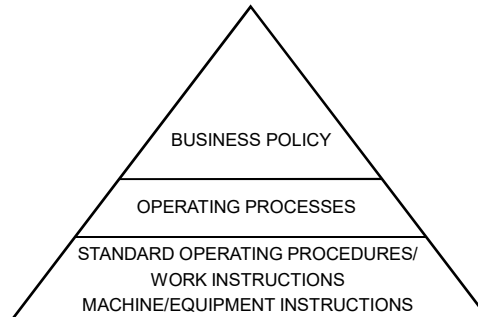


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NEXT PRACTICE

TOP MANAGEMENT

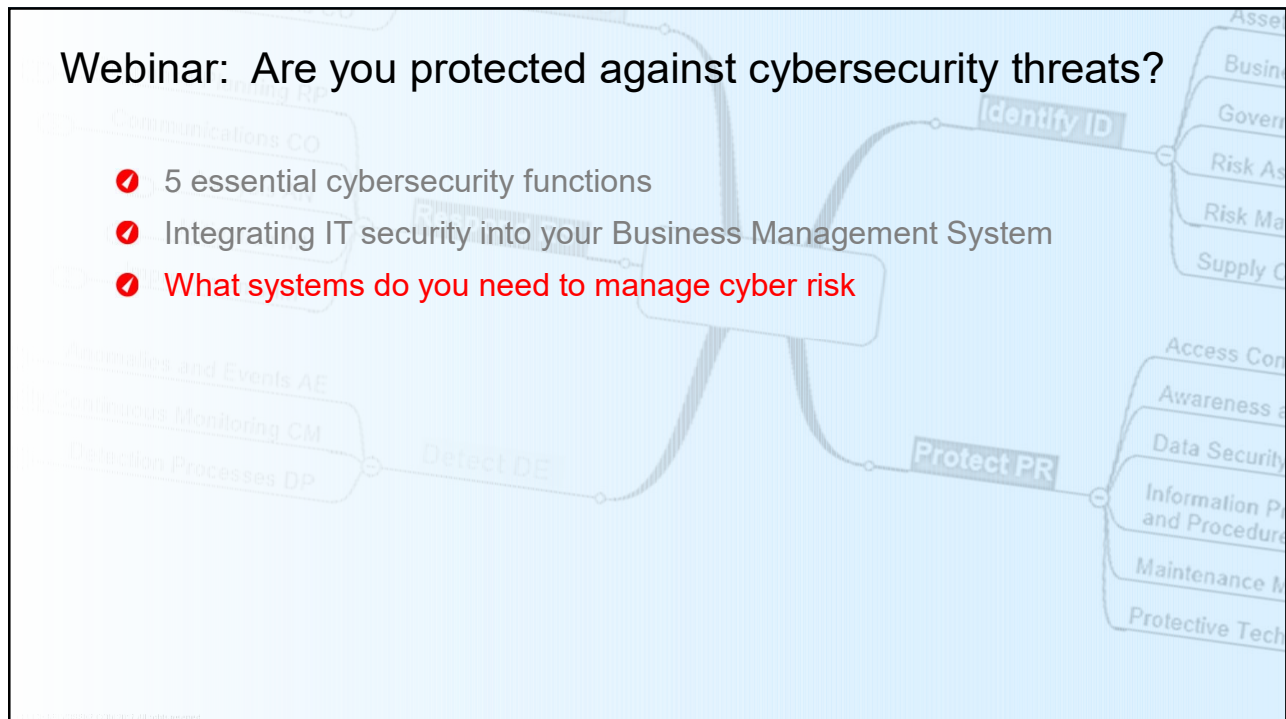
Integrated Management System



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Webinar: Are you protected against cybersecurity threats?

- 🔴 5 essential cybersecurity functions
- 🔴 Integrating IT security into your Business Management System
- 🔴 **What systems do you need to manage cyber risk**



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Reference: ISO/TC 176/SC 2/N1219 July 2014

ISO 27001 6.1.3 Information security risk treatment

1. Information security policies
2. Organisation of information security
3. Human resource security
4. Asset management
5. Access control
6. Cryptography
7. Physical and environmental security
8. Operations security
9. Communications security
10. System acquisition, development, and maintenance
11. Supplier relationships
12. Information security incident management
13. Compliance



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Human resource security

Prior to employment

- Screening
- Terms and conditions of employment

During employment

- Management responsibilities
- Information security awareness, education and training
- Disciplinary process

Termination and change of employment

- Termination or change of responsibilities

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The screenshot displays a web application interface for managing employee information. The browser address bar shows the URL: <https://m7.mangolive.com/index.cfm?app/Employee/77CAC5C42A907AEFEC33D6D984DBE102>. The page title is "P.Y.X.I.S." and the user is logged in as "Michael Voss".

Employee Profile:

- Gender: Please select ...
- Race (Ethnicity): Please select ...
- Date of birth: 13/02/1989
- Can Assess Others:
- State/Province/County: Rangitikei
- Branch: Head Office
- Department: Manufacturing
- Project/Site/Equipment: Customer project
- Phone:
- Email:
- Mobile:

Position Details:

- Position: Installer
- Report To: Jane Smith
- Start Date: 09/12/2014
- End Date: dd/mm/yyyy
- Number of Years: 2

Attachments:

Upload File	Size	Date	Action
Employee Contract - Cap Black.doc	0.04 MB	26/01/2017	Download


The attachment "Employee Contract - Cap Black.doc" is circled in red. The interface also includes a navigation menu on the left with options like Dashboard, Audit Inspection, Documents, Event Management, Human Resources, Skill, Positions, Employee, Add Multiple Skills, Report Writer, Skill Report Writer, Improvement, Lists, Plant/Equipment, Risk Management, Statistics/KPI, Suppliers, and System Administration.

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The screenshot shows the 'Employee Details' page in the Mango HR system. The 'Suspend' checkbox is highlighted with a red circle. Below it, a note states: 'If suspend checkbox cannot be ticked, then employee has items currently assigned to them.'

Employee Number	267
ID Number	DBLK
Suspend	<input type="checkbox"/>
Title	Mr
First Name *	Carl
Last Name *	Black
Middle Name	
Known As	
Gender	Please select ...
Race (Ethnicity)	Please select ...
Date of birth	13/02/1989
Can Assess Others	<input type="checkbox"/>
State/Province/County *	Rangitikei
Branch *	Head Office
Department *	Manufacturing
Project/Site/Equipment *	Customer project
Phone	
Email	

ISO 27001 6.1.3 Information security risk treatment

1. Information security policies
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Access Control

Business requirements of access control

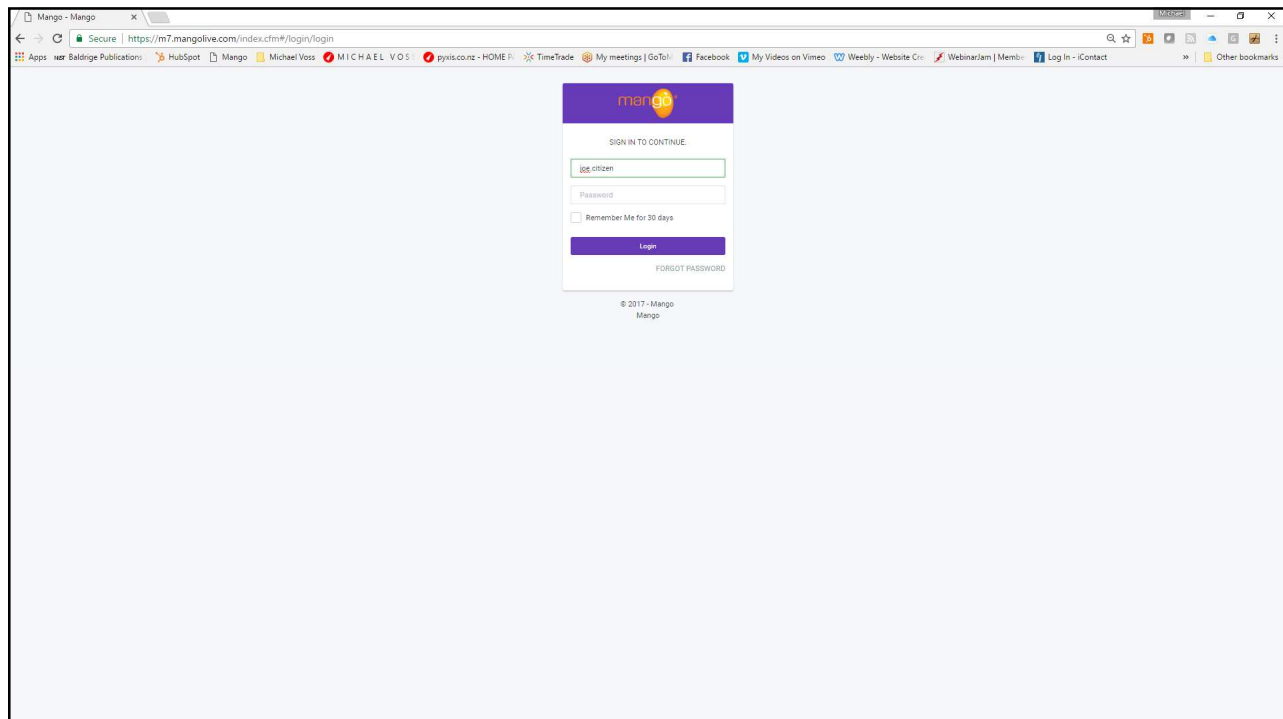
User access management

- User registration and de-registration
- User access provision
- Management of secret authentication information of users
- Review of user access rights
- Removal or adjustment of access rights

User responsibilities

System and application access control

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'50% all security incidents are caused by people inside the organisation'
Verizon study 2015

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A screenshot of a web application interface. The browser address bar shows a URL starting with 'https://m7.mangolive.com'. The page has a purple header with the 'mango' logo. On the left is a navigation menu with items like 'Dashboard', 'Audit Inspection', and 'Human Resources'. The main content area is titled 'EMPLOYEE DETAILS' and has tabs for 'OTHER DETAILS', 'NEXT OF KIN', 'EMPLOYEE HISTORY', 'COMPETENCY', and 'PPE/ITEMS'. Under the 'Transport' section, there are fields for 'Drivers Licence No', 'Drivers Licence Expiry', 'Licence Conditions', 'Licence Type', 'Kept on File', and 'Viewed By'. Below this is an 'Other Attachments' table with one entry: 'Induction Check - Michael Taniwha.doc' (0.04 MB, 26/01/2017). A red circle highlights this entry. At the bottom, there is an 'Induction Check' section with fields for 'Medical Viewed By', 'Date', 'Medical Condition', 'Reference Check 1', 'Check By', 'Reference Check 2', 'Check By', 'Induction Check By', and 'Date'.

The screenshot shows a web application interface for an employee's profile. The page is titled 'Employee' and has a navigation menu on the left. The main content area is divided into several sections:

- Export To PDF:** A button labeled 'Pdf'.
- Access Rights:** A button labeled 'Access Rights'.
- Monitoring:** A button labeled 'Monitoring'.
- PPE/Items:** A button labeled 'PPE/Items'.
- Skill/Qualif:** A button labeled 'Skill/Qualif'.
- Adhoc Training:** A button labeled 'Adhoc Training'.
- Private Info:** A button labeled 'Private Info'.

The main content area is divided into several sections:

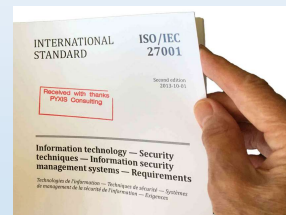
- EMPLOYEE DETAILS:** A section with tabs for 'EMPLOYEE DETAILS', 'OTHER DETAILS', 'NEXT OF KIN', 'EMPLOYEE HISTORY', 'COMPETENCY', and 'PPE/ITEMS'.
- Qualifications:** A table with columns 'Date' and 'Name'.

Date	Name
25/02/2011	Advanced Computer Course
15/09/2015	PRINCE 2 Project Management
- Attachments:** A section for attachments.
- Skill:** A table with columns 'Skill Name', 'Cert/Version No', 'Hours', 'Competency Level', 'Assessed By', 'Assessed Date', and 'Expiry Date'.

Skill Name	Cert/Version No	Hours	Competency Level	Assessed By	Assessed Date	Expiry Date
Basic Computer			Competent	Allison Weston Voss (Internal)	11/05/2011	
First Aid			Competent	St Johns (External)	08/11/2016	08/11/2018
MANGO User			Expert	Michael E Voss (Internal)	08/03/2016	
Quality Management			Learning			
- Attachments:** A section for attachments.
- Adhoc Training Record:** A table with columns 'Name Of Training', 'Training Type', 'Start Date', 'Finish Date', 'Hours', 'Provider', 'Location', 'Comment', and 'Attachments'.

Summary: Are you protected against cybersecurity threats?

- 5 essential cybersecurity functions
- Integrating IT security into your Business Management System
- What systems do you need to manage cyber risk



🔴 **SPECIAL OFFER FOR YOU FREE**

Cybersecurity Stocktake - summarises 23 critical categories

CYBERSECURITY EXCELLENCE FRAMEWORK



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WORKSHOP: Security & Cybersecurity Protection

Covering over 120 areas summarised on a mindmap of 23 critical categories

- 🔴 5 essential cybersecurity functions
- 🔴 ISO 27001 – Information Security Management System
- 🔴 4 tiers of maturity of cybersecurity practice
- 🔴 7 steps to implement
- 🔴 Assess how well prepared you are for today's threats

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The background of the slide features a light blue color with a faint, semi-transparent diagram. The diagram consists of several interconnected nodes and lines, representing a process or framework. Visible text in the diagram includes 'Business Environment BC', 'Governance GV', 'Risk As', 'RM', 'ent SC', 'Identify ID', 'Protect PR', 'Processes', and 'Inform and P'. Some nodes are numbered with small circles containing numbers like 3, 4, 5, and 12.