iSRM
Intelligent Security Risk Management

After the inception of ISMS...

The variety of tasks, inadequacy of manpower and insufficiency of time are the outcomes after the inception of ISMS. ISRM is the solution for massive data collection, aggregation and report building which requires the input of lesser resources and fulfill the risk management and control and logging of internal and external audit items.

Smart information security control & System risk assessment

- ✅ Save the manpower and time for audit and risk assessment
- ✅ Quick sorting of data on internal and external audit evidence
- ✅ Save large quantity of form sheet in hard copy and cost of asset management
- ✅ Instant control the scope of operation (assets) exposed to the influence of risk.

Insufficient time

insufficient manpower

Heavy workload

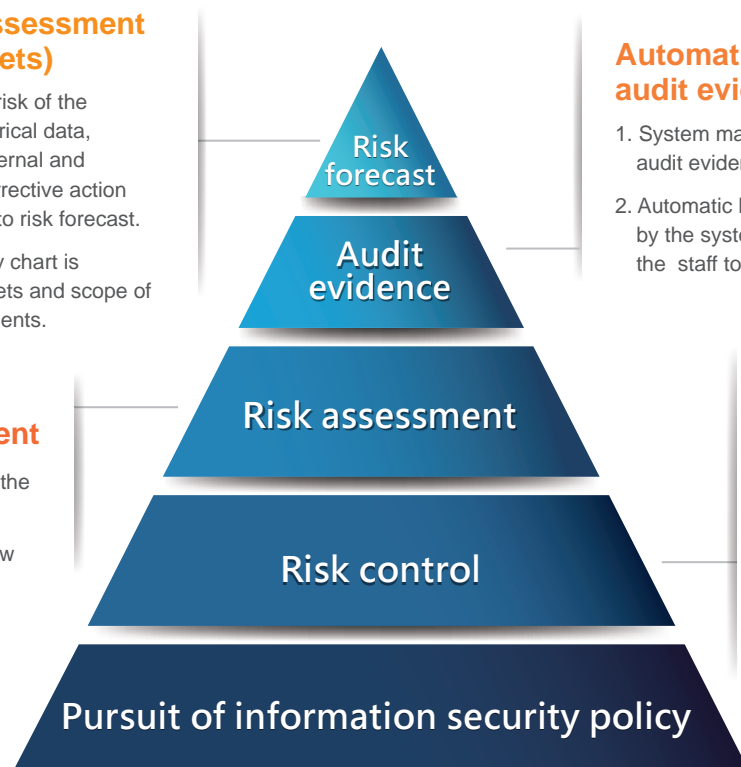cumbersome process

⊙ Core value

Pursuit of information security policy through systematic risk assessment, internal and external audit events and perpetual risk control.

Graphic display of risk assessment forecast of business (assets)

1. Assessment of the business (asset) risk of the organization on the basis of the historical data, information security incidents and internal and external audit defects dictated for corrective action and prevention actions and proceed to risk forecast.

2. Business (asset) association topology chart is available to help the valuation of assets and scope of influence of information security incidents.

Automatic link to data on audit evidence

1. System management of audit items and audit evidence data setup.

2. Automatic link to related supporting data by the system by audit event for assisting the staff to quickly prepare for audit work.

Pyramid (top to bottom):
- Risk forecast
- Audit evidence
- Risk assessment
- Risk control
- Pursuit of information security policy

Systematic risk assessment

1. Forecast on high risk items through the setup of risk thresholds.

2. Complete risk assessment and review process is available with tracking on tasks for corrective action on risks.

Perpetual risk control

1. Integration and input of routine events, items pending for corrective action from risk assessment, corrective and preventive actions under internal and external audits for perpetual tracking.

2. Perpetual tracking and control through the task tracking system until the corrective action plan has been accomplished.

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Systematized risk assessment

Complete information on business and assets and risk items after improvement over the years is available as reference for risk assessment. This will facilitate the accurate assessment and forecast of risk.

Smart information security control

Creation of complete business (asset)-to-pology link for assisting the valuation of assets and forecast of the scope of influence immediately after the occurrence of risk for reporting and tracking.

Internal and external audit process management

From the establishment of audit items, cross-reference supporting evidence, audit trails and tracking of rectification, the external audit panel helps to upgrade the efficiency of internal and external audit review.

Important pending task tracking

Key audit items, asset risk corrective action plan, corrective action on audit defects could be linked and tracked.

Solutions

1 Data collection

- Flexible form sheet design
- Discretion in setting the cycle time and targets
- Automatic reminder of audit
- Support the import of data for the form sheet
- Real-time statistical report

2 Systematic risk assessment

- Systematic business (asset) management
- Risk threshold setup and risk item forecast
- Risk assessment and review process control.
- Tracking of corrective action on risk
- Real-time business (asset) link topology chart

3 Internal audit management

- Management of cross-reference of online audit item
- Online aggregation of audit findings from different persons
- Real-time sorting of diversified supporting evidence
- Automatic listing of corrective action items
- Real-time viewing of historical audit records.

4 Audit event management

- Setup of audit items by audit events.
- Cross-reference with supporting evidence by audit items
- Setup of supporting evidence sorting condition available
- External audit panel available

5 Task tracking

- Creation of tasks and points of audit in batches
- Automatic notification of related personnel and prompt for audits behind schedule.
- Refinement of task execution report and review mechanisms
- Rectification of risks and correction of audit defects tracking

6 Document version control management

- Document security control
- Document version control
- Preservation of old versions
- Logging of revised versions.

7 Information security training

- Support digital learning/internal training/external training management
- Automatic counting of online reading hours
- Viewing record and leaning status control
- Support diversified test question design
- Check test results and statistical report download

8 Electronic form sheets

- Set up the fields and columns of form sheet by drag and drop module eidtor.
- Form sheet computation and rule setup available
- Cross-function signature/approval process setup available
- Editing and viewing of form sheets at specific site available
- Complete record on signature/approval process, with discretionary tracking and urging for progress.
- Automated production statistical report
- Integration and interlink with external system for entry/export of information of the form sheet.
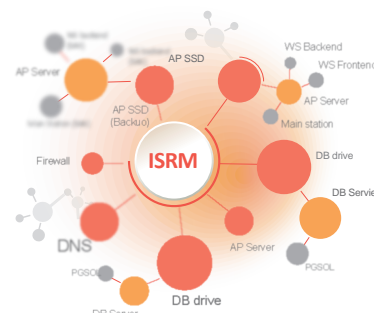
System requirements

OS：Windows Server 2019 or later

DB：MS SQL Server 2019 or later 、PostgreSQL 12.19 or later

Programming language：.NET 8.0