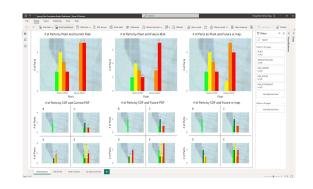
Synergi Plant TrainingDashboard

彰顯全定量 RBI 及 AIMS 的導入效益



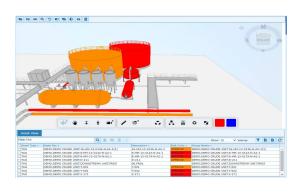
全範圍資產設備風險警示



開放式 BI 與 AI 系統整合



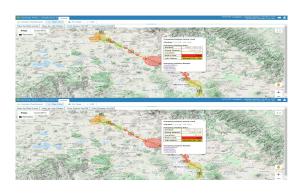
標準的方法流程與結果共享平台



3D視覺化的結果呈現



明確定義的關鍵問題與解決方案



融入現實世界資訊的數位資產

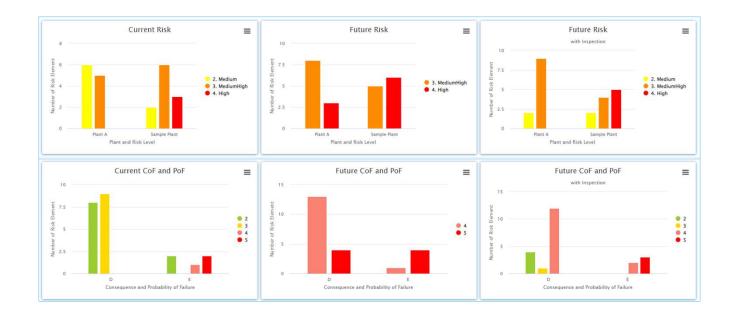
DNV

Dashboard Screen



Risk Status and Overview (1)

- Current Risk Number of risk parts in current risk levels
- Future Risk Number of risk parts in future risk levels
- Future Risk with Inspection Number of risk parts in future risk levels if RBI recommended inspections are executed
- Current CoF and PoF
 Number of risk parts in current PoF levels
 separated by current CoF levels
- Future CoF and PoF
 Number of risk parts in future PoF levels
 separated by future CoF levels
- Future CoF and PoF
 Number of risk parts in future PoF levels separated by future CoF levels if RBI recommended inspections are executed



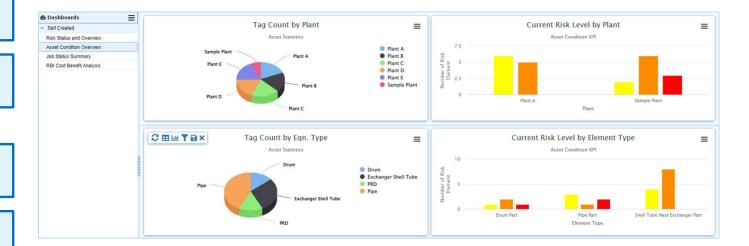
Risk Status and Overview (2)

- Current Consequence Number of risk parts in current CoF levels separated by each consequence driver
- Current Probability Number of risk parts in current PoF levels separated by each probability driver



Asset Condition Overview (1)

- Tag Count by Plant Number of Tags in different plants
- Current Risk Level by Plant Number of risk parts in current risk levels
- Tag Count by Eqn. Type Number of Tags in different equipment types
- Current Risk Level by Element Type Number of risk parts in current risk levels



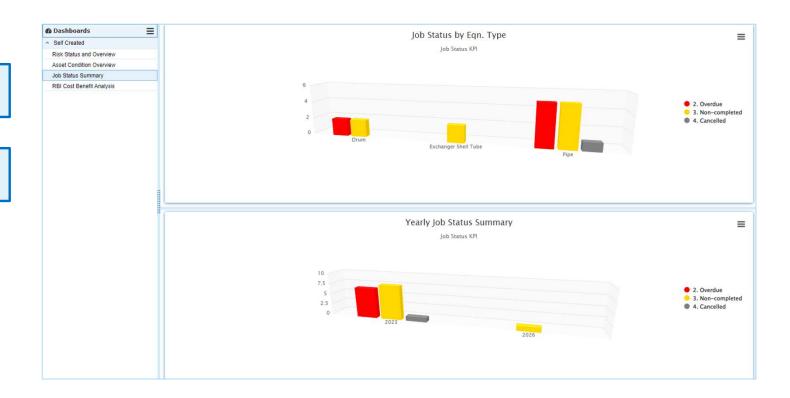
Asset Condition Overview (2)

- Inspection Findings by Plant Number of findings in different categories separated by plants
- · Anomaly Severity by Plant Number of anomaly in different severities separated by plants
- Anomaly Status by Plant Number of anomaly in different status separated by plants



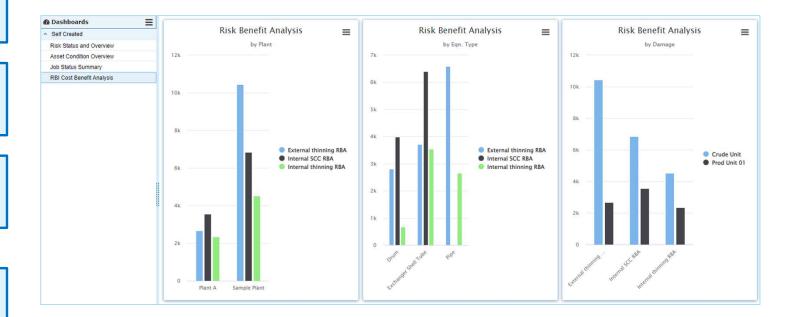
Job Status Summary

- Job Status by Eqn. Type Number of inspections in different job status separated by equipment types
- Yearly Job Status Summary
 Number of inspections in different job status separated by years

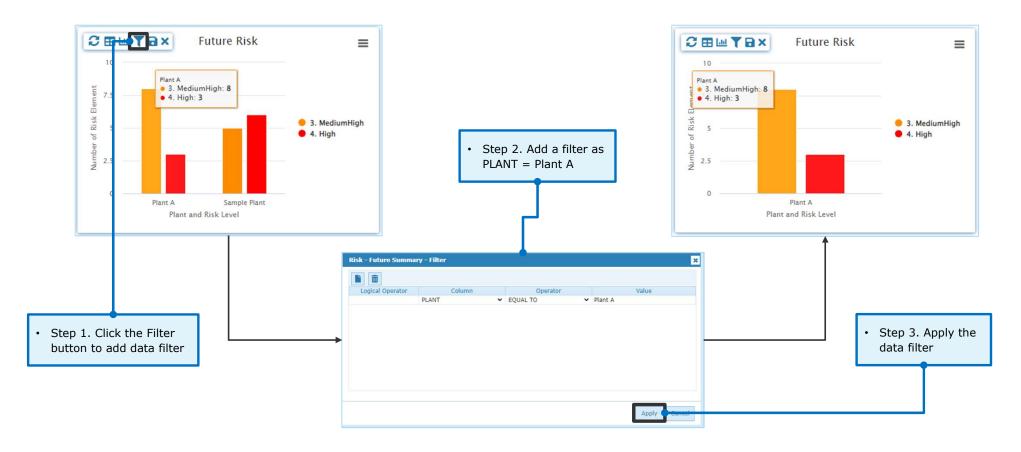


RBI Cost Benefit Analysis

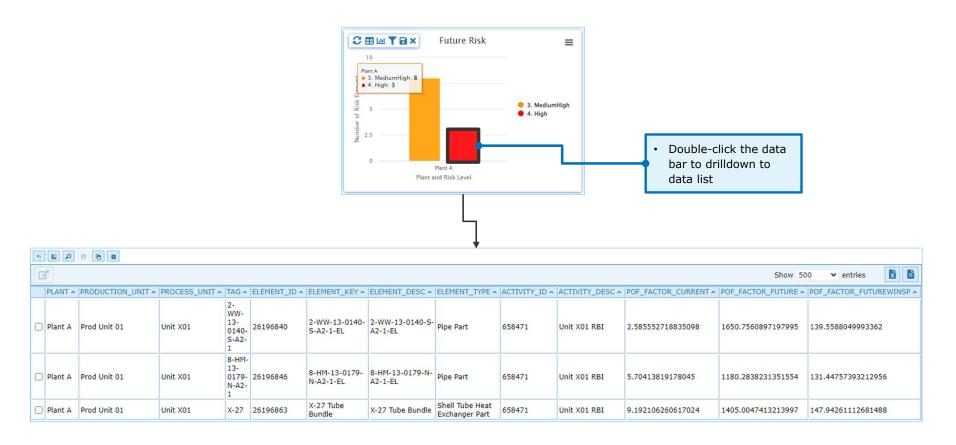
- Risk Benefit Analysis by Plant RBA values in different damage mechanisms separated by plants
- Risk Benefit Analysis by Eqn. Type RBA values in different damage mechanisms separated by equipment types
- Risk Benefit Analysis by Damage RBA values in different production units separated by damage mechanisms
- RBA value: For every dollar invested in RBI assessment, how much risk in dollars can be reduced



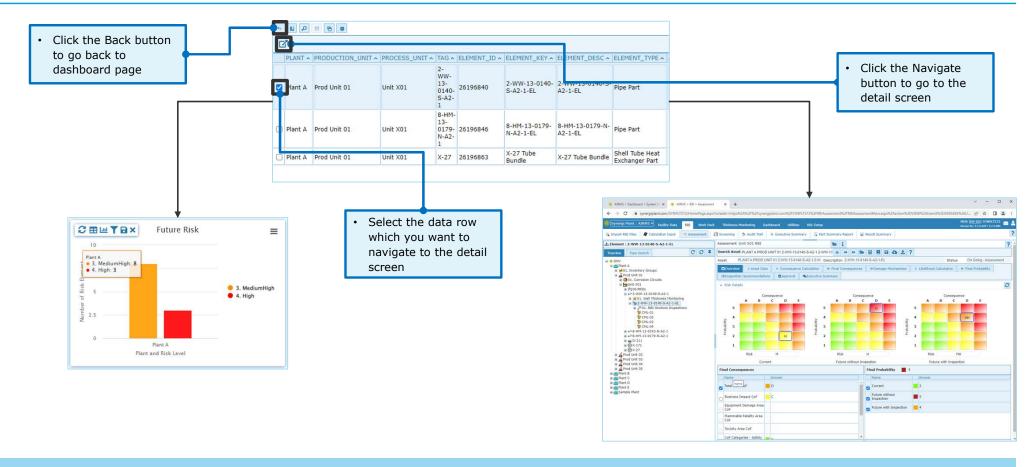
Set Filter on Widget



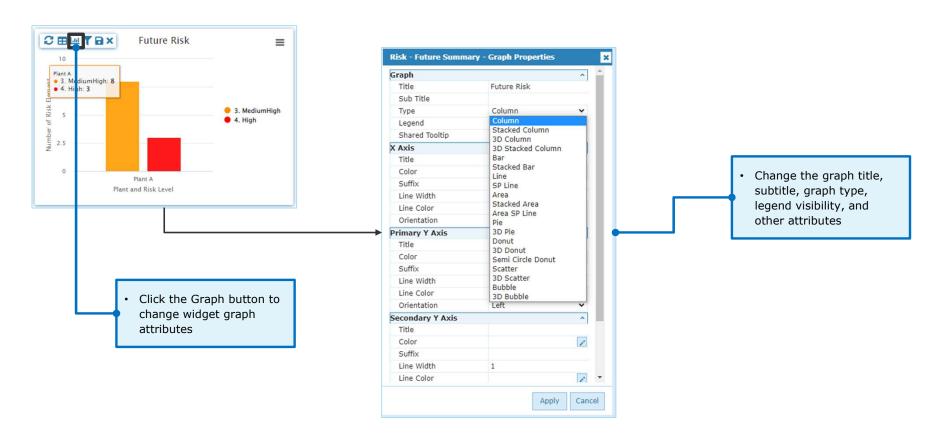
Drilldown to data list



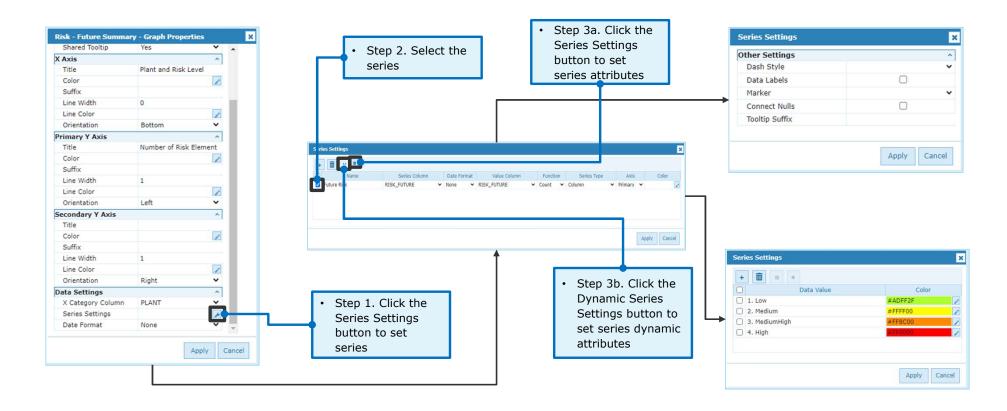
Navigate to the detail screen and back to dashboard page



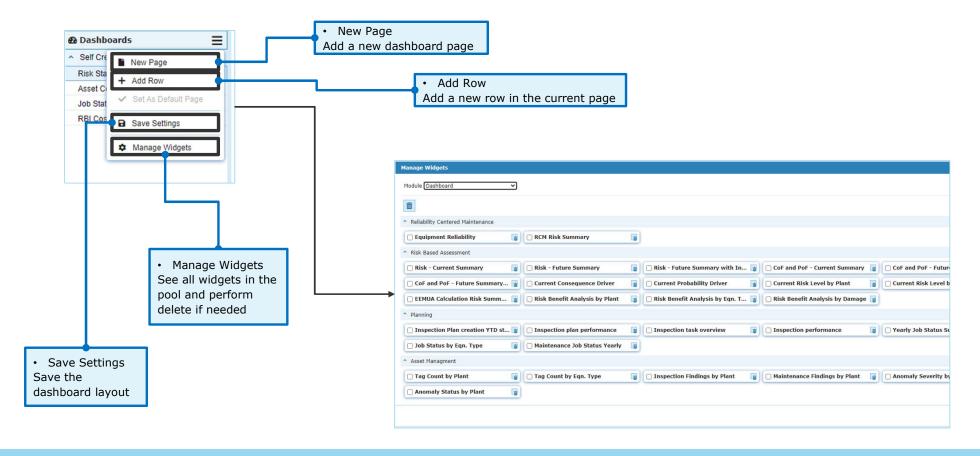
Change Widget Graph Attributes



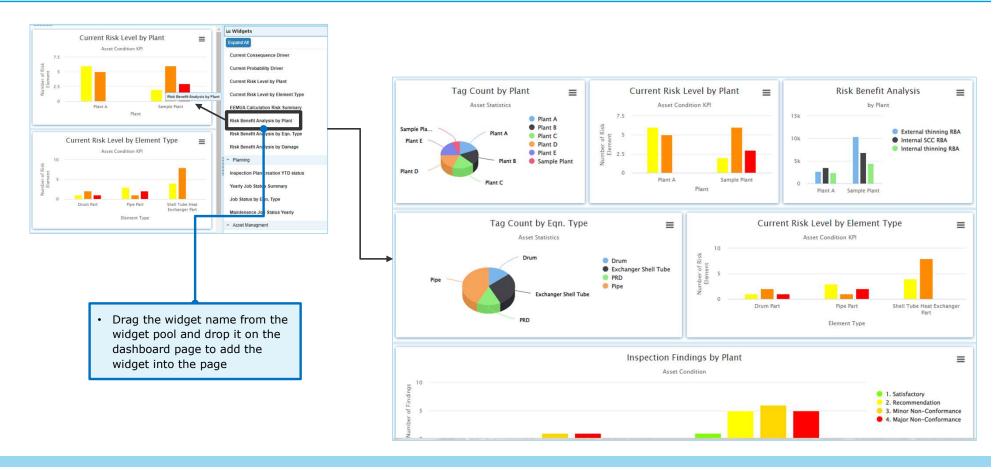
Data Series Settings



Page and Layout Management



Drag and Drop Widgets



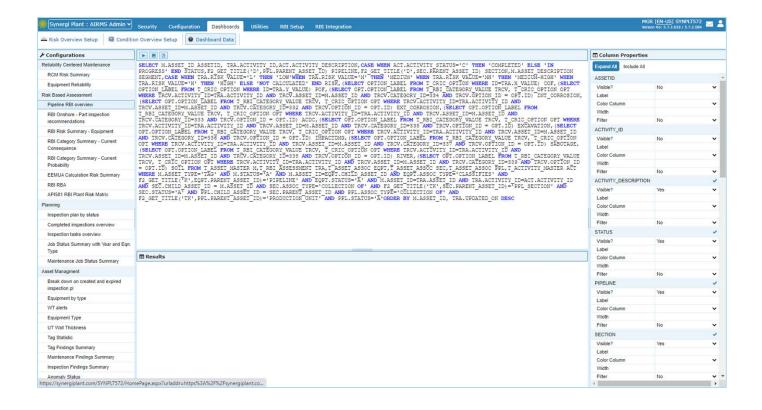
Remove Widget from Page



Dashboard Data Lists

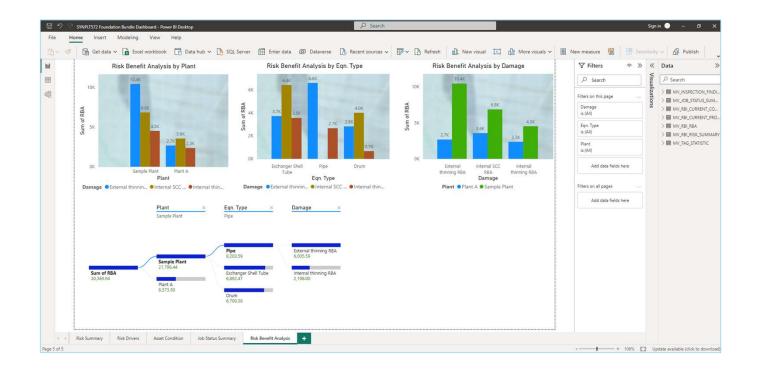


Dashboard Data Configuration



- The full list of dashboard widget data lists can be found in the AIRMS Admin module
- Each data list has a source SQL, a list of column properties, and graphical settings to create a dashboard widget
- In the Column
 Properties list, each
 data column can be
 set as visible, a
 custom label, and if
 the result value can
 be filtered

Data Views, Materialized Views, and Power BI Dashboard



- Synergi Plant has a set of database views and materialized views, which can be used for external dashboard, for example, in Power BI
- The database views are for retrieving data in real time, and the materialized views are for retrieving the stored data which can be synchronized periodically with the live data

Synergi Plant Training

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