InfraSuite Manager Introduction
Functional Module: Asset Inspection

External Customer

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Delta / MCIS/ Jesse

InfraSuite Manager Functional Modules

EMS3000 功能模組

Operation

Energy | Slide Show | Asset | Capacity | Work Order | Asset Inspection

Asset Inspection(5063103800) functional module is used with a user-friendly mobile app which makes it smarter and more efficiently for the inspector to complete his/her inspection process. Customizable templates can be designed for different types of assets. The users can also upload the photos of the inspected assets to InfraSuite Manager. Unique QR codes of each asset can be generated by the system, making the tasks more intuitional.

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Asset Inspection Spec.

▶ **Asset QR Code**

- The asset tag dimension, font and content can be adjusted and customized.
- Pick up the asset from the list then generate the QR code for the selected asset.
- The QR code can be reviewed, the printer can be configured as well.

▶ **Plan**

- Add, modify and delete the inspection plan.
- Assign the inspection asset from the current list to a plan.
- Assign the inspection period of time to evaluate the performance.
- The checklist can be designed to meet the inspection plan.

▶ **Inspection app (Android OS v5, v6)**

- The inspection plan can be downloaded by the app.
- event log and history data can be pre-loaded before the inspection activity in case there is no wifi signal on-site.
- Scan the asset QR code on-site then observe the preloaded data to examine the asset device.
- Inspect the asset device by the checklist, provide feedback message and take a picture during the examination.
- Upload all of the inspection data to InfraSuite Manager after finishing the inspection activity.

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Asset Inspection Spec.

▶ **History Query**

- Query the asset inspection record based on the date/ time, plan and account.

- The record includes start/ end time, upload time.

- The record includes the checklist, feedback message and photographs. The abnormal item cab be hilighted by a red rectangle.
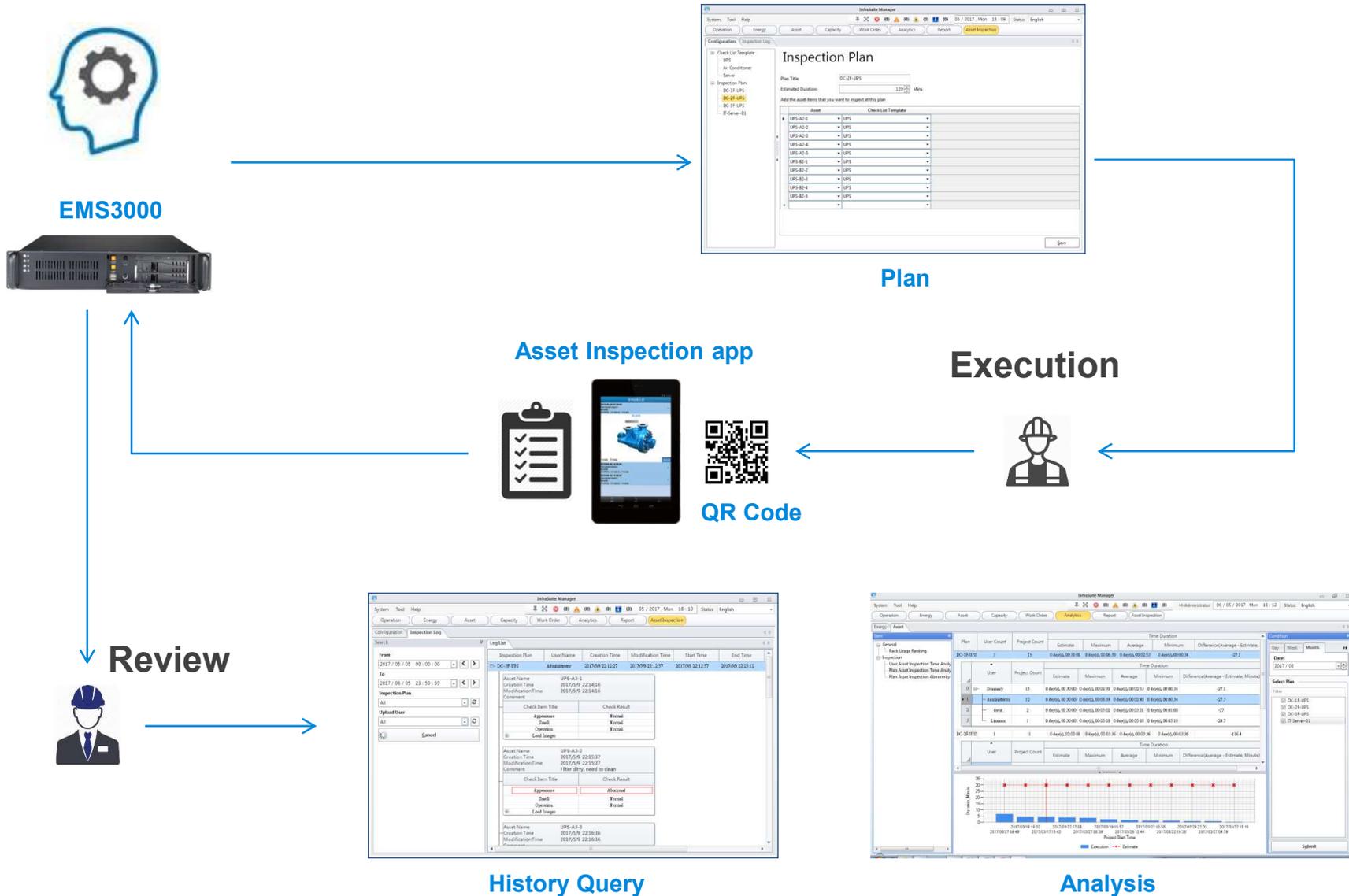
▶ **Analysis**

- Analyze the inspection time by the account.

- Analyze the inspection time by the plan.

- Analyze the abnormal count by plans.
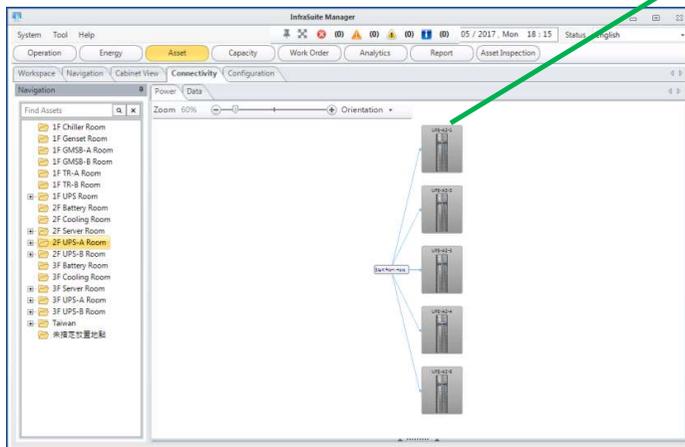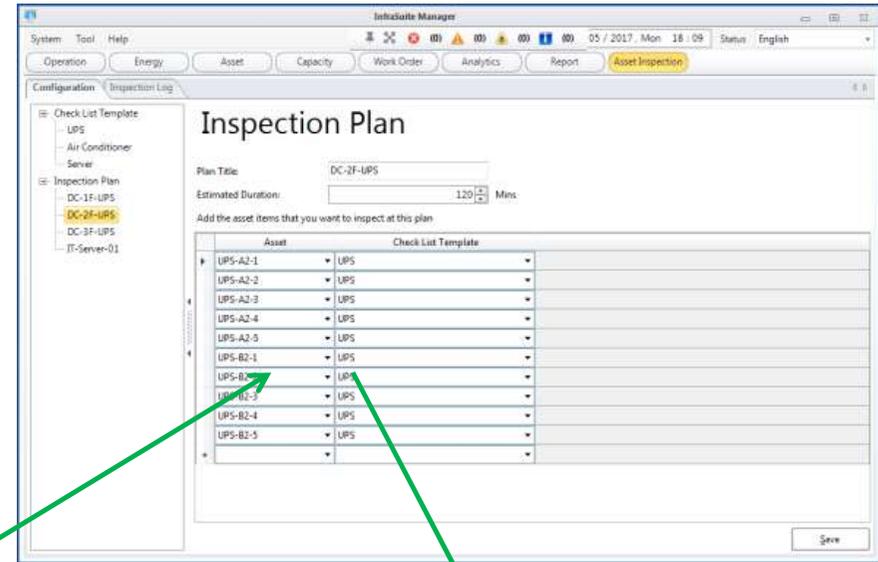
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Asset Inspection Application for Datacenter

▶ **Equipment**

- Asset and asset inspection modules install in the same EMS3000 host.

EMS3000

Plan

Asset Inspection app

Execution

QR Code

Review

History Query

Analysis

Asset Inspection Application for Datacenter - Plan

Plan

- Design the checklist by the asset characteristics.
- Assign the asset to join the plan.
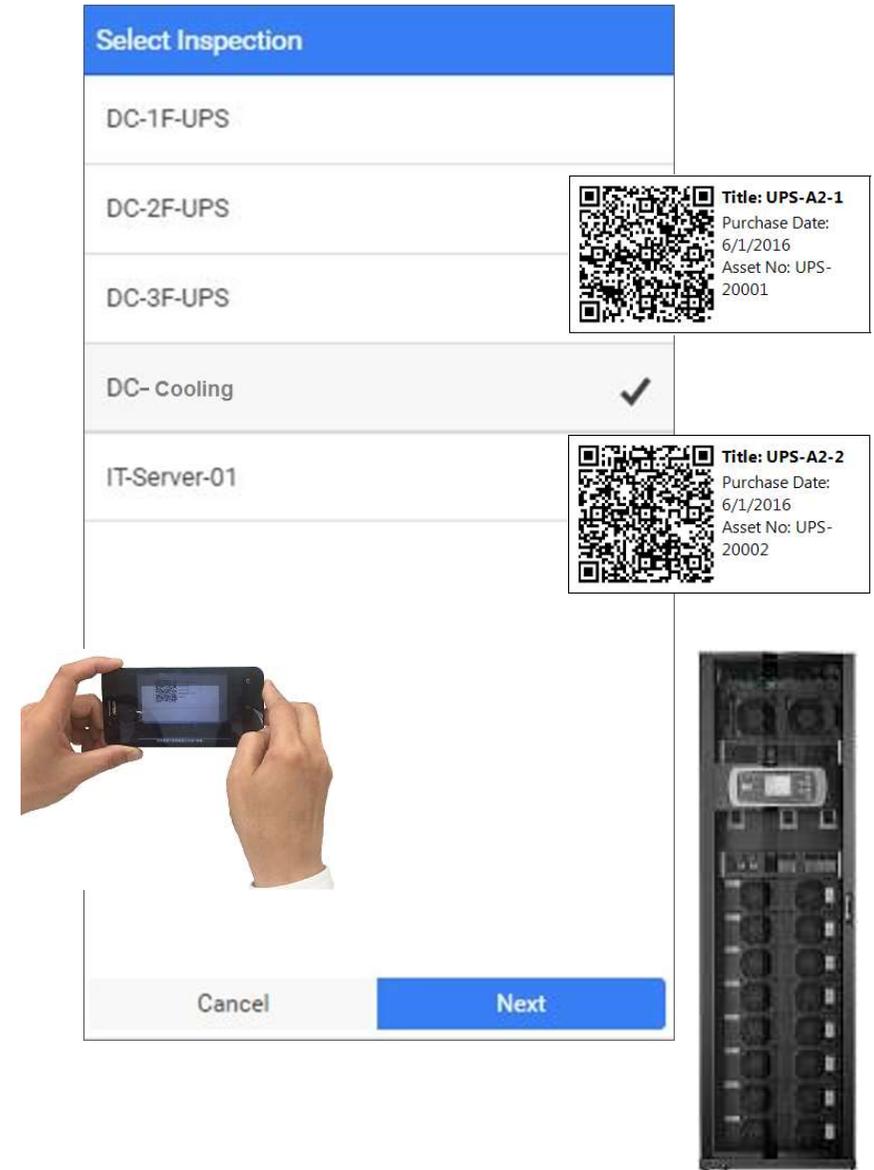- Setup the estimated inspection time period.

Asset Inspection – Execution

▶ **Inspection app**

- Login through the asset inspection app.
- Download the inspection plan, select a plan then execute it.
- Before inspection, you can download the real-time parameters, event log and history data.
- Scan the asset QR code on-site, app will identify the code and provide the related asset information, checklist for examination.
- The inspector examine the asset by the checklist, update the real-time parameters if the environment is allowed then take a picture and provide the feedback message.
- After finishing the inspection activity, upload all of the data back to InfraSuite Manager.

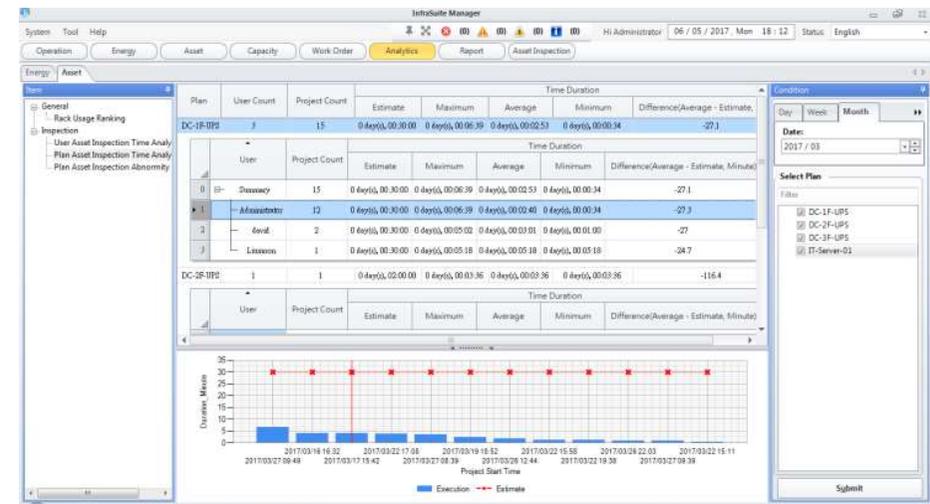MCIS Software Group
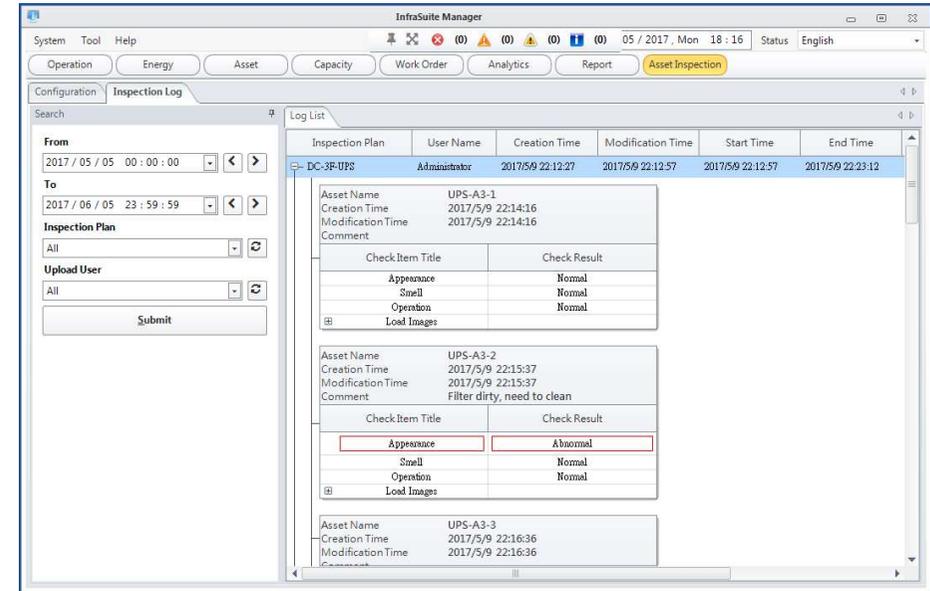
Asset Inspection – Query & Analysis

▶ History Query

- Query the history asset inspection result by the date/ time, plan or account.
- Double-click on the listed inspection record to show the detail information.

▶ Analysis

- Analyze the inspection time by the account: Statistics the plan max, min and average time based on an account.
- Analyze the inspection time by the plan: Statistics the account max, min and average time based on the plan.
- Analyze the abnormal count by plans: Statistics the abnormal rate during the period of time.

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