

Bamboo Site Inspection Solution

A next generation service solution for the field service industry by using Azure IoT Central and Microsoft Power Platform.

Challenge



Many traditional companies in field service industry have a cumbersome manual operation process and it is poorly connected, basically staying in the paper offline operation. At this time, they need a unified information platform to well-organized business workflow.

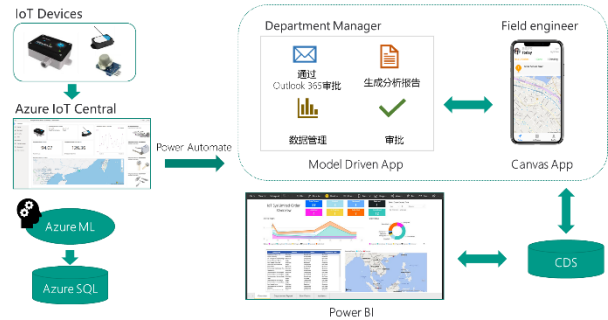
- Field engineers need to fill in a lot of scattered paper reports and emails, many tedious processes, need to improve work efficiency, and complete project delivery more efficiently;
- Supervisors need to deal with multiple projects at the same time, Manage all types of approval workflows in different business systems, need to improve work efficiency;
- Business owners need real-time accurate data to help with analysis and decision-making.

Solutions

Key Functionalities In A Nutshell

Business Process Flow For the Orders & Tasks, suits for any industry	From smartphone, find tasks near you, scan QR code	Capture Multimedia, follow Checklist during Site Inspection	Generate Various Reports
Role Based Order Management	Group Multiple Tasks into One Order	Email based Approval Management	Interaction with On-premise Database

Architecture



Features

Mobile (Canvas App)

Field engineers use Mobile (Canvas App) to view today's orders on an interactive map, scan QR Code to check-in, capture photos, audios and data input to records, and sign after completion.

Desktop (Model-driven App)

Supervisor manage work orders through Desktop (model-driven App), including creating work orders, assigning to field engineers, and tracking progress. Check status, workload, email approval, etc. via interactive dashboards.

Desktop Power BI

Business owners can use the Desktop Power BI dashboard to see the inspection status across whole company, visualize it on interactive map in real time and generate analysis reports to facilitate business decisions.

Industries



Manufacturing



Electric / Power



Construction



Real Estate / Property Management



Logistics / Supply Chain

Value

Overall productivity increase 50%:

40%

Equipment Maintenance Cost & Effort

20%

Information Lookup Time

40%

Entire Approval Completion Time

[Link to Video Introduction](#)