

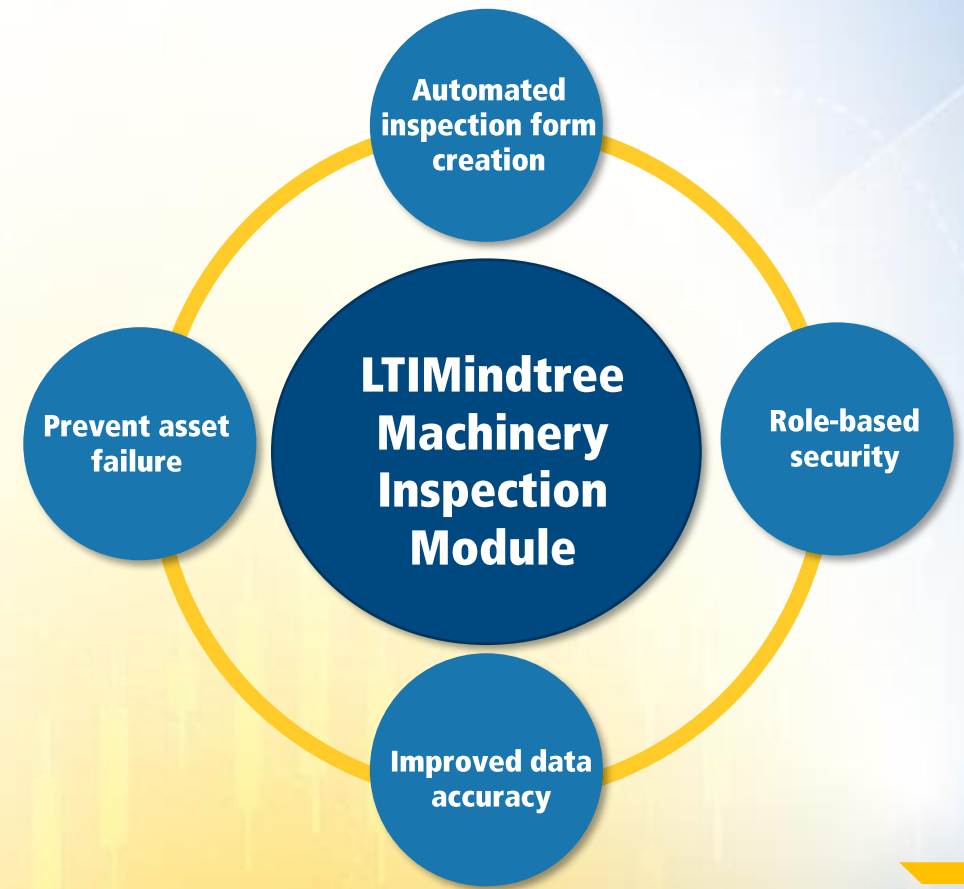


Dynamics 365 Machinery Inspection Module

Consulting solution to digitalize machinery inspections across multiple industries
(Appointments, units, forms and dashboards)

Industry: Digitalize machinery inspections across multiple industries

- Eliminate usage of paper documents
- Improve data accuracy
- Prevent asset failure
- Meet ESG goals



CHALLENGES

- Maintaining inspection questionnaires
- Assigning periodic inspections
- Reviewing inspection data
- Maintaining centralized data repository
- Presenting a holistic view of inspections

IDEAL SOLUTION

- Leverage Microsoft Dynamics 365 Power Platform to build the solution
- Use Power Apps for building the model-driven app, Power Automate for automated inspection form creation and Common Data Service as the centralized data repository

DESIRED OUTCOMES

- Easily configurable inspection forms
- Automated inspection form creation from appointments
- Availability of inspection data for review
- Dashboards with holistic view of inspections

Business Challenges

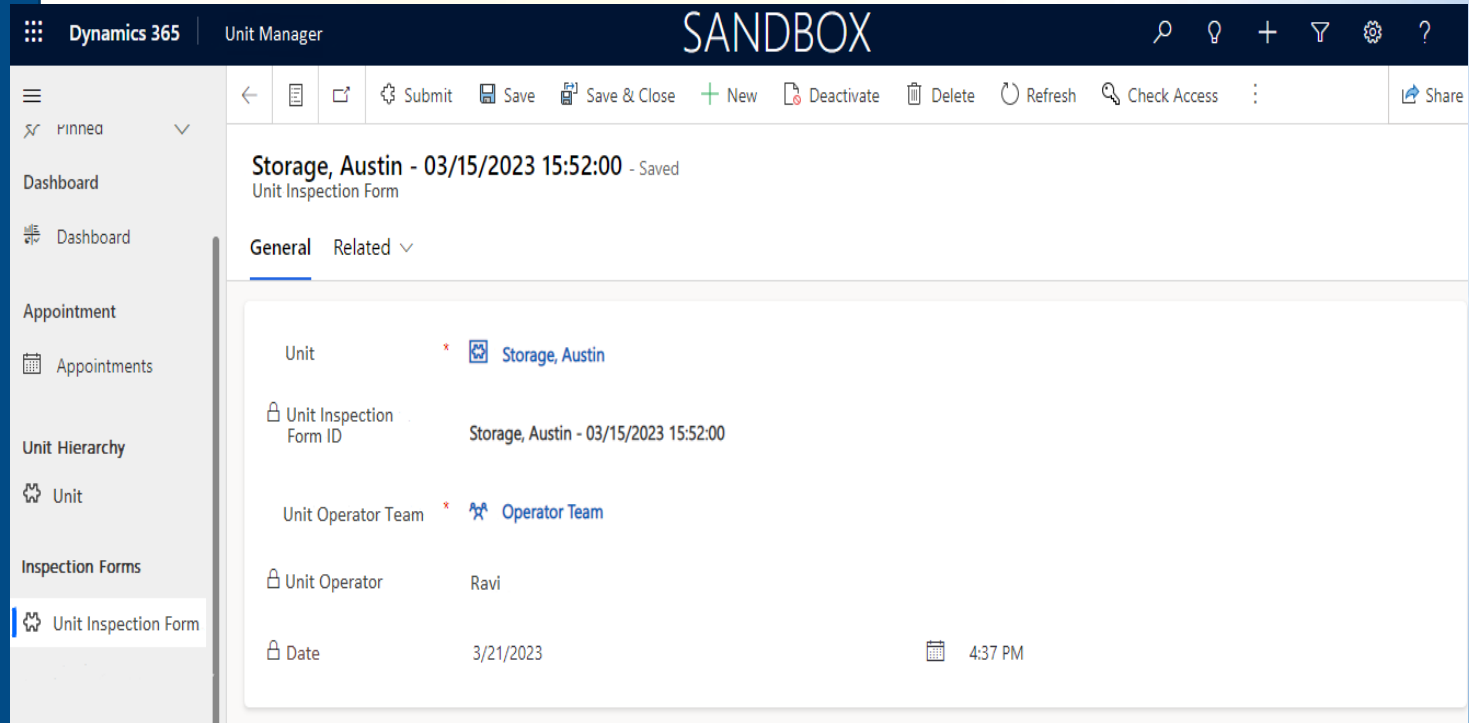
- Usage of paper documents
- Skipped inspections
- Asset failures
- Data inaccuracy caught in audits

Features

- Separate apps for Managers and Operators
- Supports mobile offline capability
- Maintains unit hierarchy
- Appointment entity for scheduling inspections
- Form entity to capture inspection data

Key Benefits

- Easily configurable inspection forms
- Automated inspection form creation from appointments
- Availability of inspection data for review
- Improved data accuracy
- Dashboards with holistic view of inspections
- Meet ESG goals by reducing paper usage

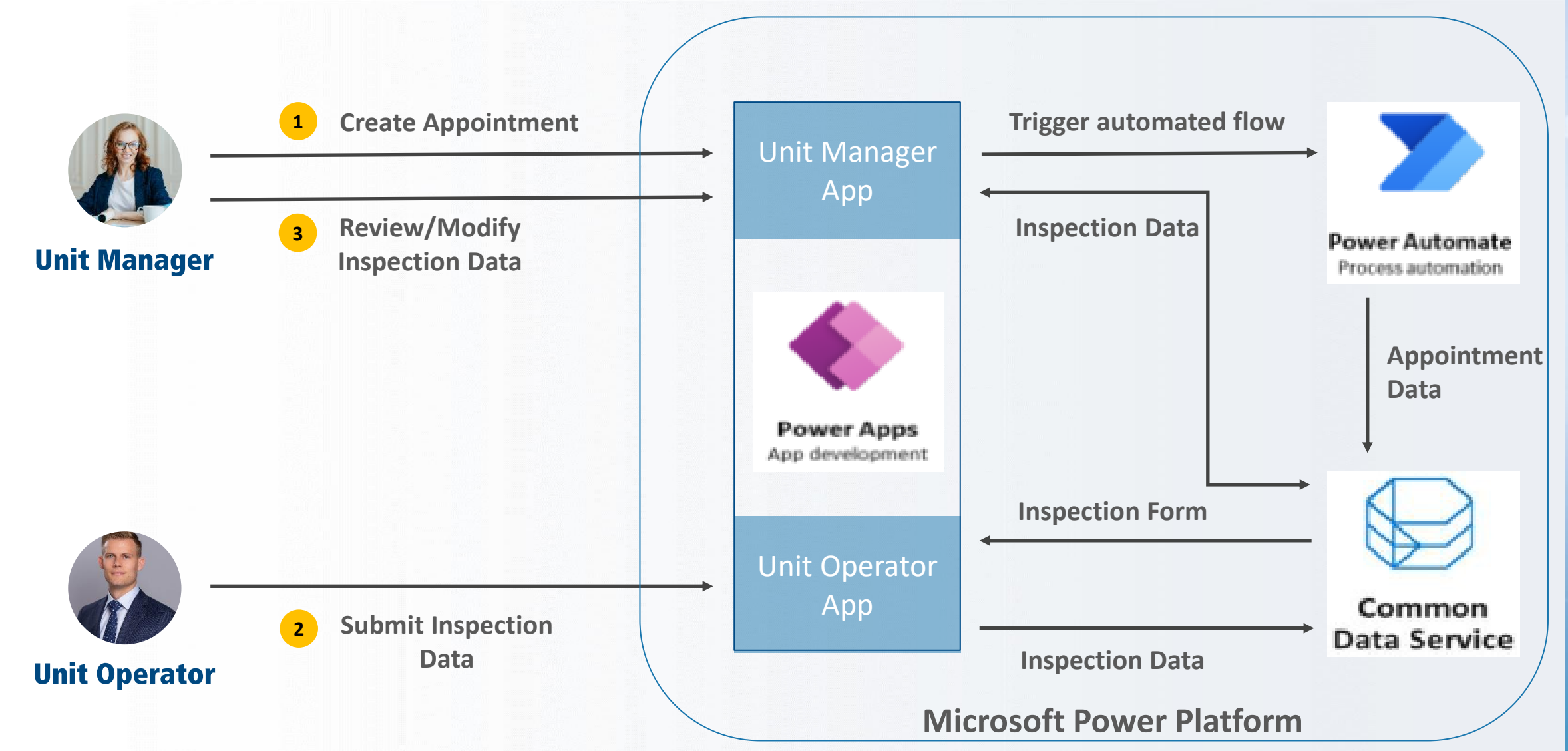


The screenshot displays the Dynamics 365 Unit Manager interface in a 'SANDBOX' environment. The main view shows a 'Unit Inspection Form' for 'Storage, Austin' dated '03/15/2023 15:52:00'. The form is saved and includes the following fields:

Field	Value
Unit	Storage, Austin
Unit Inspection Form ID	Storage, Austin - 03/15/2023 15:52:00
Unit Operator Team	Operator Team
Unit Operator	Ravi
Date	3/21/2023 4:37 PM

The interface includes a left-hand navigation pane with options like Dashboard, Appointment, Unit Hierarchy, and Unit Inspection Form. The top navigation bar contains standard Dynamics 365 actions such as Submit, Save, and New.

Solution Architecture



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