

Integration with Model-Driven Apps

All-In! A Deep Dive On Model-Driven Apps – Part V

SharePoint Document Integration

Model-driven app for table data + SharePoint for file storage

Power Apps

Vehicle Inspection Management

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INSP003 - Saved

Inspection

General Checklist Documents Related

Show Chart New Upload

Documents on Default Site 1

Name	Mo
Gary Hart - Signed Authorization.pdf	9/1
Inspection 003 - Vehicle Review.pdf	9/1
MI Safety Cert - L1G 3W3.pdf	9/1

SharePoint

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Name

CA Safety Cert - L1G 3W3.pdf

Inspection 001 - Vehicle Review.pdf

John Duthie - Signed Authorization.pdf



You are now using the new settings experience



Customization



Customizations



Solutions



Microsoft AppSou...



Plug-In Trace Log



Solutions History

System



Administration



Security (Preview)



Data Management



System Jobs



Document Manag...



Auditing



Email Configuration

Process Center

Document management

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Document Management Settings

 Entities SharePoint Folder Structure Review and
finish☐ Field Security Profile☐ Flow Credential Application☐ Healthcare Feedback☐ Insights Store Virtual Entity☒ Inspection☐ Inspection Area☐ Inspection Checklist Item☐ Inspection Type☐ Inspection Type Area☐ Invitation☐ Invite Redemption☐ Knowledge Article Template

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Why Use The SharePoint Integration? 🤔💭



Cost

Dataverse file storage is expensive **\$40/GB** whereas
SharePoint file storage is cheap **\$0.20/GB**



Version Control

Dataverse does not track document changes
SharePoint tracks changes to the document and has restore points



Document Sharing

Dataverse based files require a license to view
SharePoint based files can be shared easily with others outside the system

Setup Considerations for SharePoint Integration 🧐



SharePoint site is not included in the Solution file.
Must configure separate SharePoint integration for DEV-TEST-PROD



Default folder structure is Table Name > Record Name.
OR Account/Contact Name > Related Table Name > Record Name.
Other folder structures must be created using Power Automate.



Security Permissions for the SharePoint site are managed in SharePoint.
Consider whether all users should have access to all documents

Virtual Tables

Connect an external datasource to your model-driven app



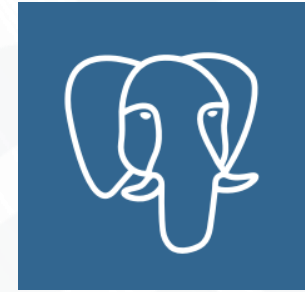
Azure Databricks



Microsoft Fabric



Oracle



PostgreSQL



Salesforce



SharePoint



Snowflake



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chrispiaseckimvp

+ Add new item

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Share

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Inspections Standards

Title	Inspection Type	Description	Frequency	+ Ad
SAF001	Safety	Brake system inspection	Annually	
SAF002	Safety	Steering and suspension check	Annually	
SAF003	Safety	Tire condition and pressure	Quarterly	
SAF004	Safety	Exhaust system examination	Annually	
SAF005	Safety	Lights and signals operation	Quarterly	
EMI001	Emissions	Emissions test	Annually	
EMI002	Emissions	Fuel system inspection	Annually	
EMI003	Emissions	Engine performance check	Annually	

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All Inspections Standards*

Edit columnsEdit filter

<input type="checkbox"/>	Title ▾	Inspection Type ▾	Description ▾	Frequency ▾
<input type="checkbox"/>	SAF001	Safety	Brake system inspection	Annually
<input type="checkbox"/>	SAF002	Safety	Steering and suspension check	Annually
<input type="checkbox"/>	SAF003	Safety	Tire condition and pressure	Quarterly
<input type="checkbox"/>	SAF004	Safety	Exhaust	
<input type="checkbox"/>	SAF005	Safety	Lights a	
<input type="checkbox"/>	EMI001	Emissions	Emission	
<input type="checkbox"/>	EMI002	Emissions	Fuel sys	
<input type="checkbox"/>	EMI003	Emissions	Engine	

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←TableGridSaveSave & Close+ NewShare

SAF001 - Saved
Inspections Standards

GeneralRelated ▾

Title *SAF001

Inspection TypeSafety ▾

DescriptionBrake system inspection

FrequencyAnnually ▾

Considerations For Virtual Tables 🧐

Do your homework before you commit to using virtual tables

Security 🗝️

- All tables must be organization-owned.
- Cannot restrict records to a specific user owner.

Data Model 💾

- Must be restricted to data types found in Dataverse
- Key/ID fields are required

Search/Filter/Sort 🔍

- Dataverse search not available because data is not persisted
- Cannot filter or sort on related table views

Dataverse Features 🗽

- No auditing capabilities
- No charts & dashboards
- Offline not supported

Performance 🐢

- Slower because data must load from another source



Q&A Time

Softball questions only. Unless you have a difficult problem.