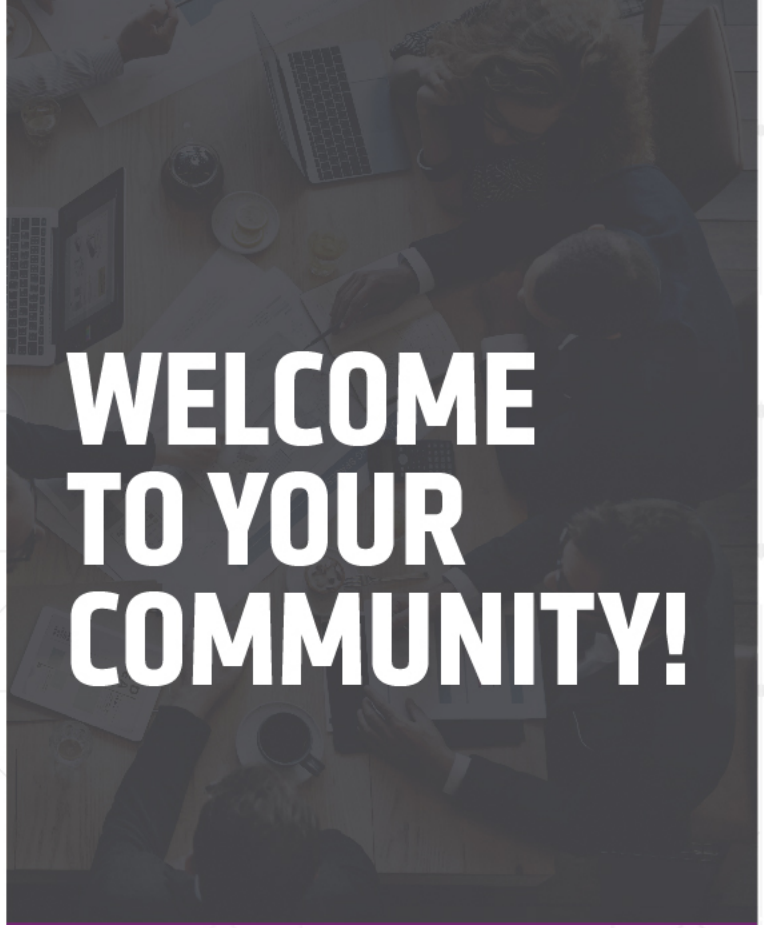

POWER AppsUG

POWER AutomateUG

10th September 2020

TODAY'S AGENDA

- Welcome
- News & Events
- Session: Generating a starship inspection list with Power Platform
- QNA

POWER AutomateUG

POWER AppsUG

MEETING SPONSOR

https://experience.digital/

Thank you for your support!

News and Updates

POWER AutomateUG

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News & Updates

Customer Voice for Feedback Management

Troubleshoot forms in Model Driven Apps
(https://powerapps.microsoft.com/en-us/blog/troubleshoot-forms-in-a-model-driven-app/)

POWER AutomateUG

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Events

15 September	Power Platform & Dynamics 365 User Group| Gold Coast, Australia
17 September	Power Platform Happy Hour| Brisbane, Australia
19 September	Power Platform User Group | Singapore
24 September	Dynamics 365 User Group| Brisbane, Australia
01 October	Power BI User Group| Brisbane, Australia (Tentative)

POWER AutomateUG

POWER AppsUG

Generating a starship inspection list with Power Platform

Presented by: Olena Grischenko

POWER AutomateUG

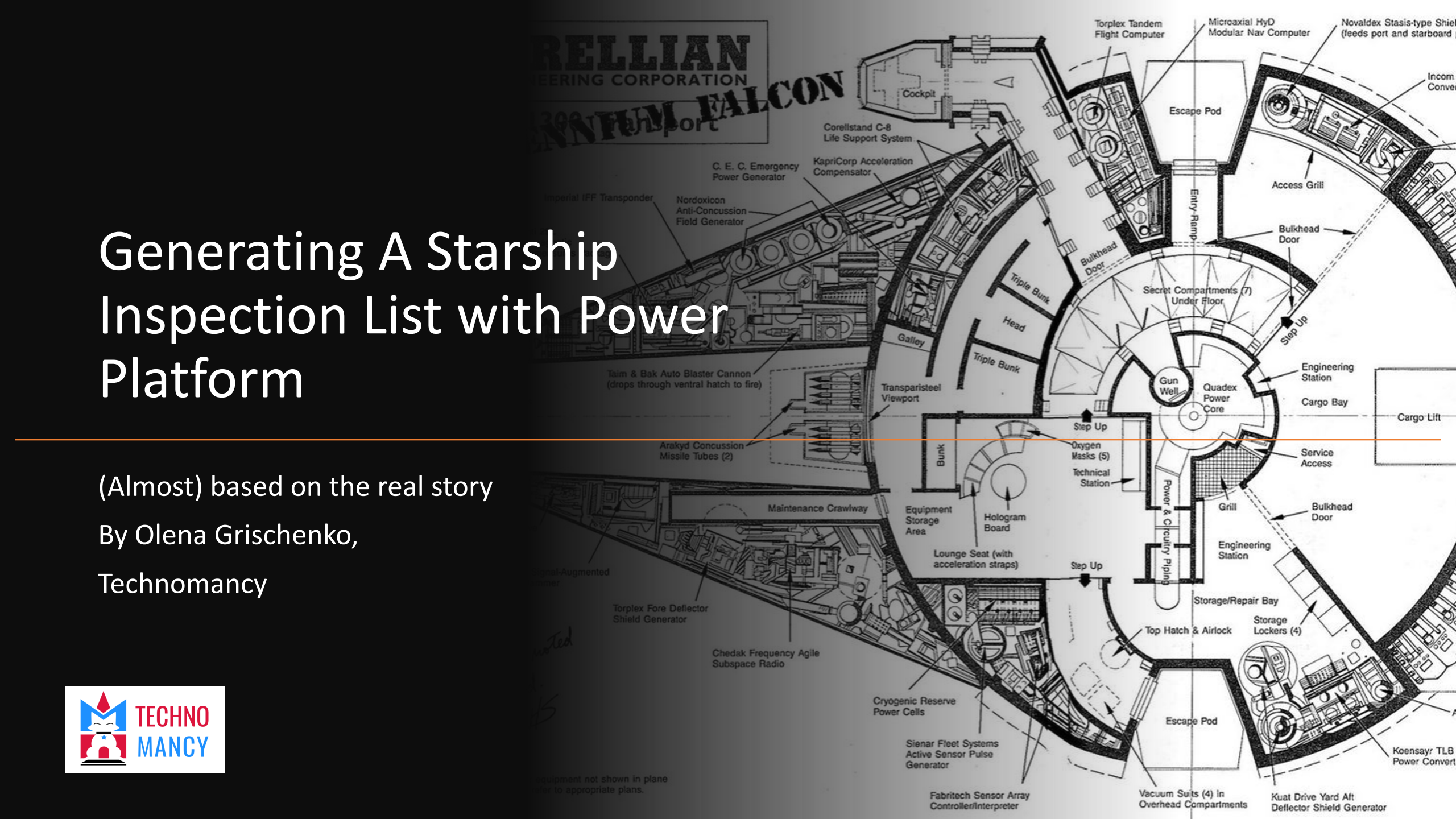
POWER AppsUG

Generating A Starship Inspection List with Power Platform

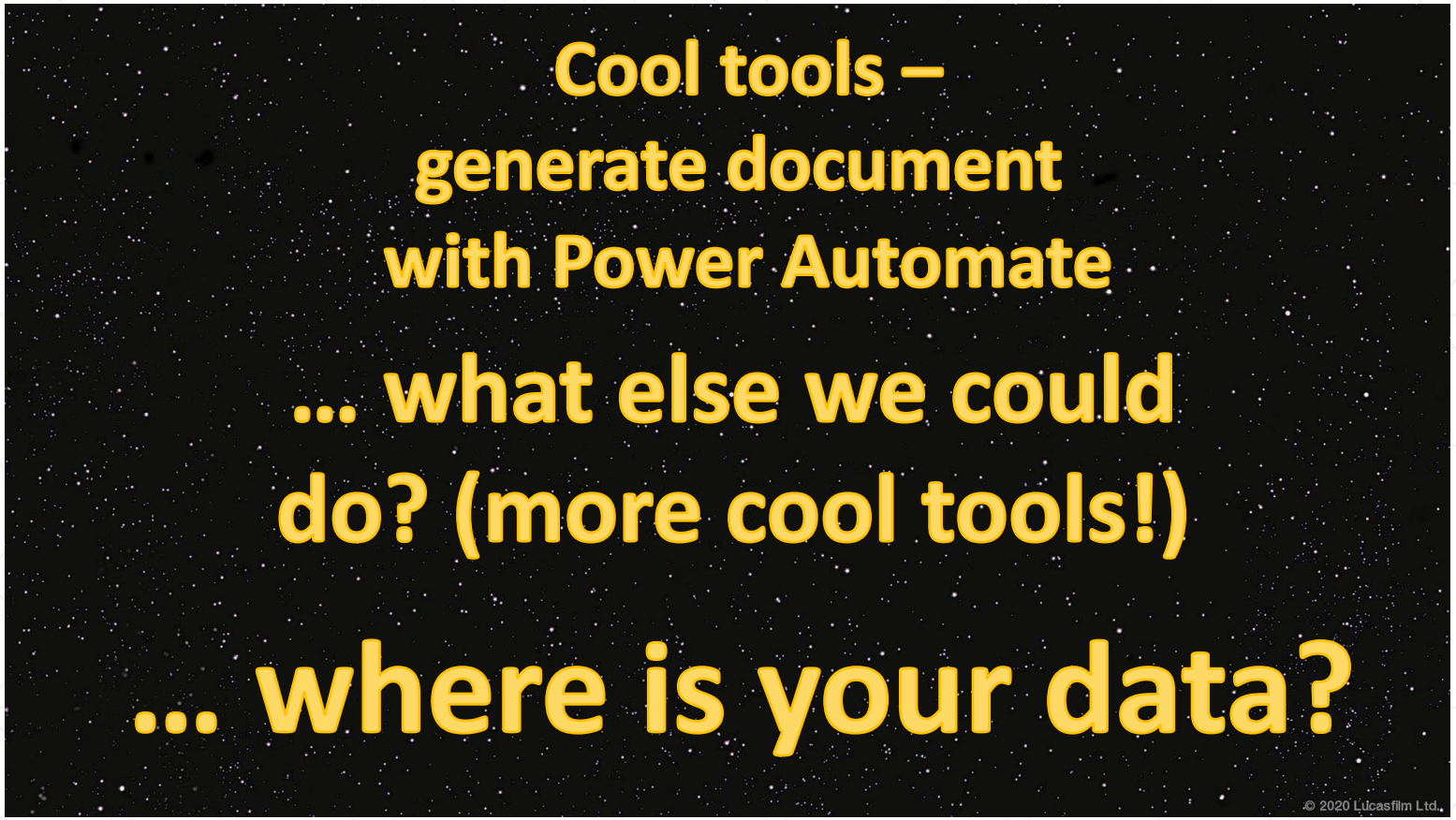
(Almost) based on the real story

By Olena Grischenko,

Technomancy



Long Time Ago
In a Galaxy Far,
Far Away…

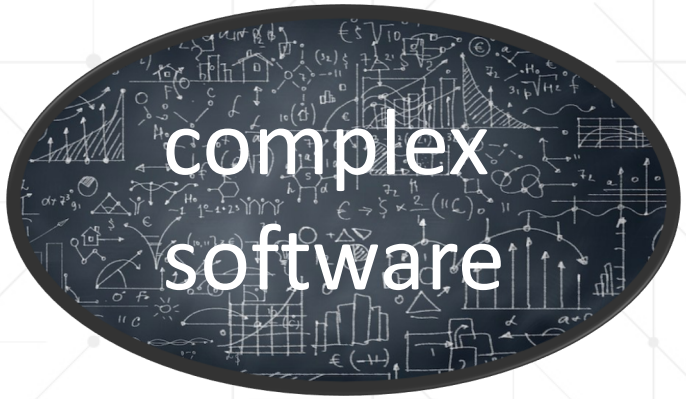


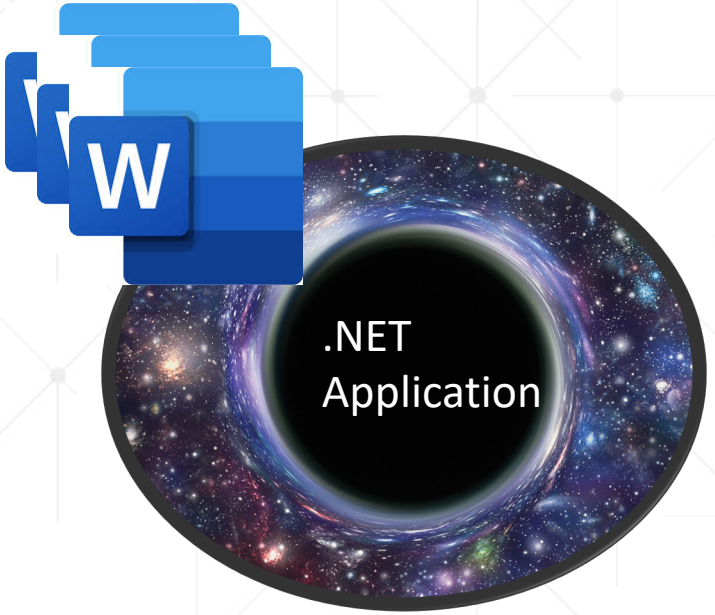
(Almost) real story …

Jabba’s Checklist Business

Generate and sell checklists for the equipment inspections

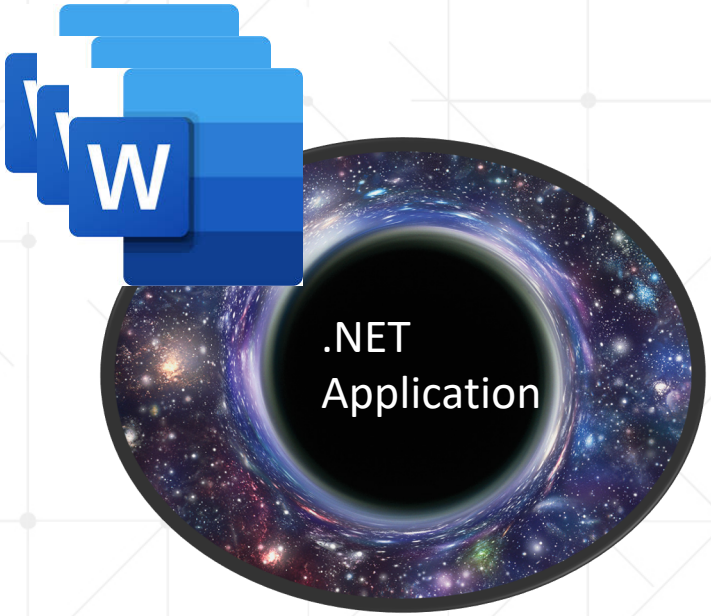
Did someone say “Excel”?!





DATA FLOW

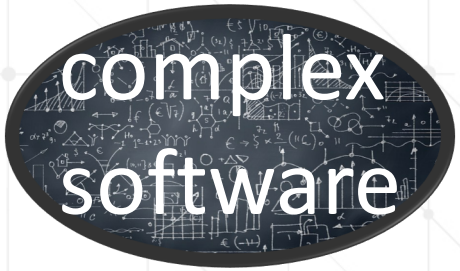
POC. We want images!

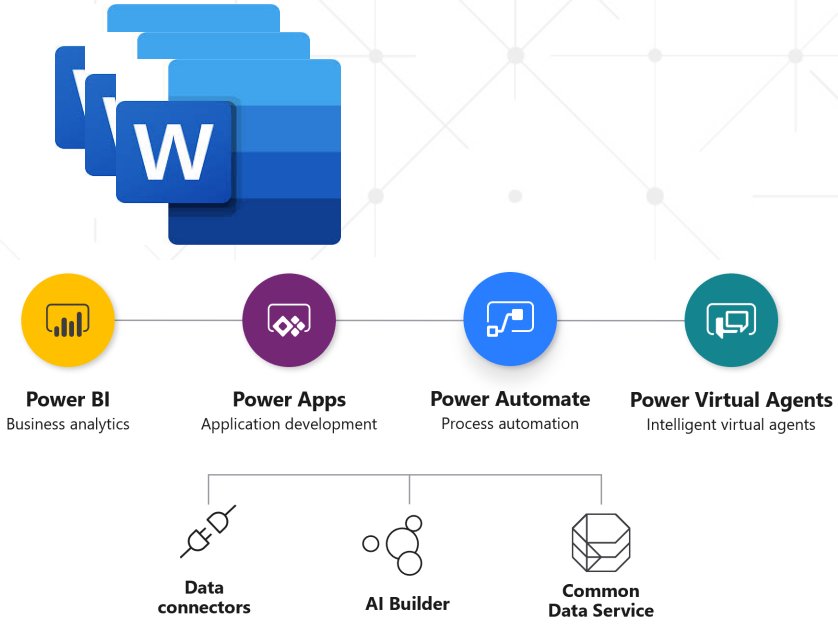


CAN POWER PLATFORM DO THIS?

EASY! (we don’t even know if it’s possible)

POC design





WHY? IT CAN DO IMAGES!

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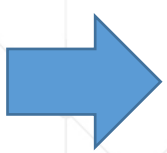
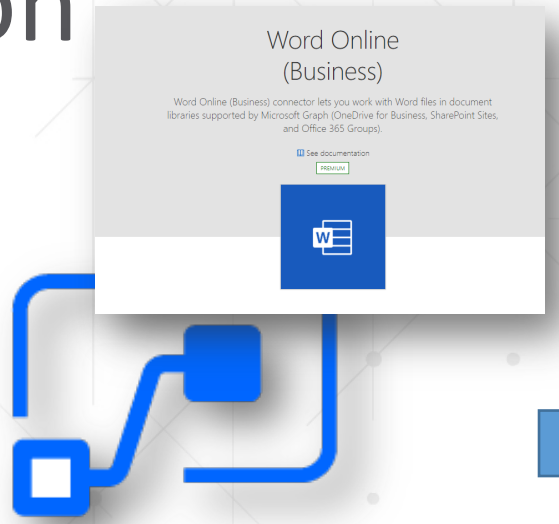
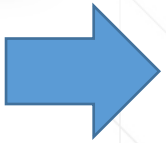
Files vs Images in CDS

FILES	IMAGES
Can be used with Power Automate	Can be used with Power Automate
Max size - 128MB in length, and defaults to 32MB.	Full size is limited to 30MB.
Not just image	Full size, thumbnail
	Absolute URL to display the entity image in a client.
Multiple per entity	Multiple per entity, one primary
Stored in Azure	Thumbnails and metadata stored in CDS, full size image store in a file storage (Azure blob)

Document Generation







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Millennium Falcon POC – doc gen magic demo

PowerApp

Document Generation with Power Automate (vs. document template)

- Data - it may or may not be a CDS entity
- Related records, 100 only. Why?
- Multiple entities, not necessarily related
- Pictures too
- Pre-filtered
- You don’t need to generate it from the model-driven UI
- No client downloads – send, save wherever you like
- Can be used in automation, scheduled etc

Plumsail Documents

Encodian

Muhimbi PDF

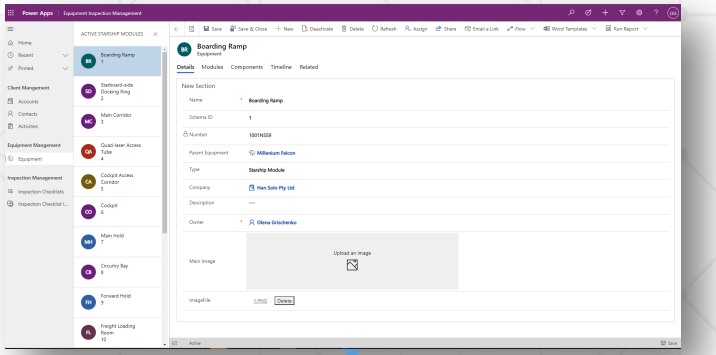
Third-Party Connectors

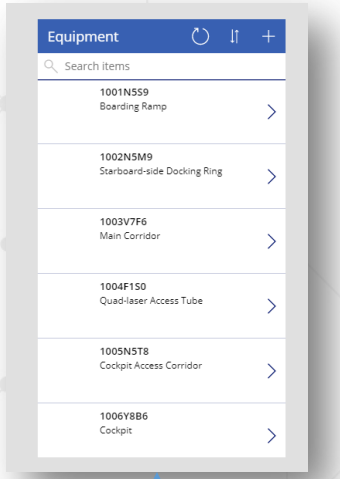
Beyond document generation

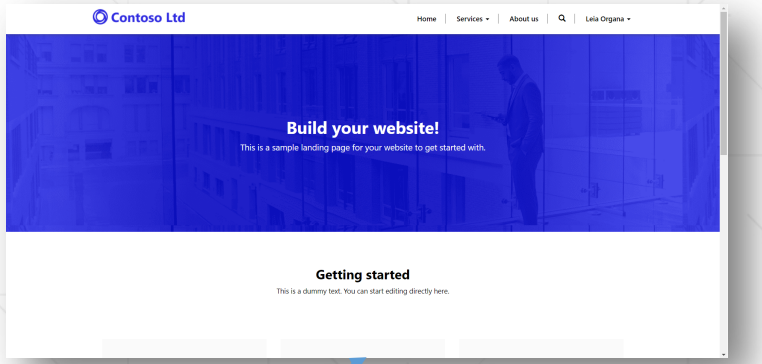
Internal users

Mostly internal users

External and internal users







WEB API

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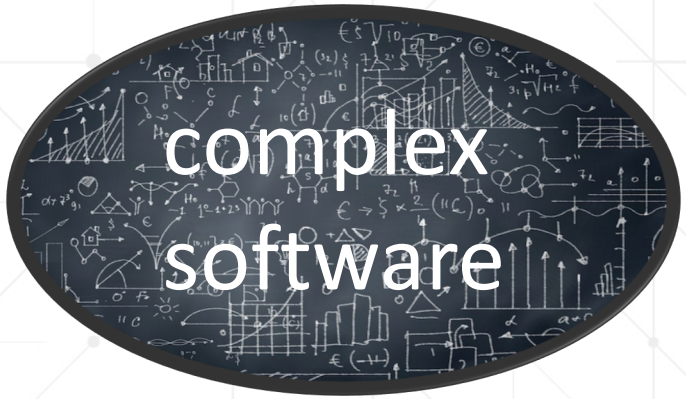
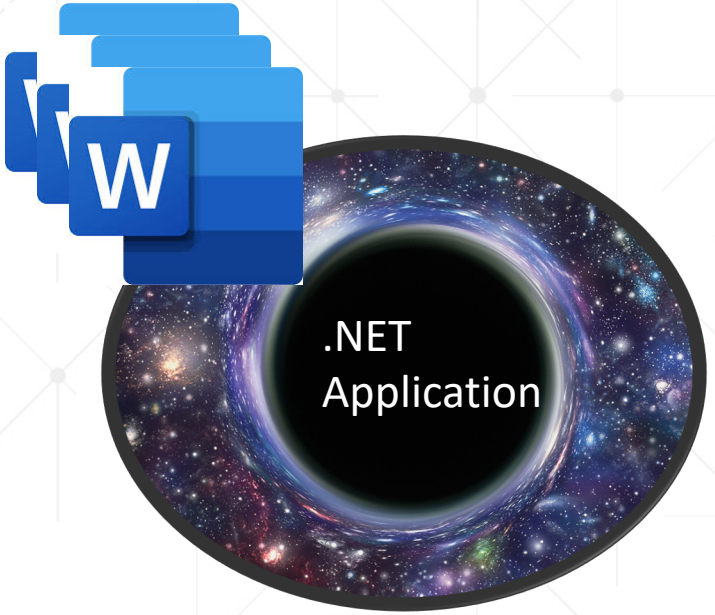
Did he say “AI”?!

- Predict faulty parts of equipment
- Prioritize based on the probability
- Tricky stuff which we didn’t get

WHERE IS YOUR DATA?





OUTPUT DATA FLOW

FEEDBACK DATA ???

Generate Inspection List

Leave a feedback

Name *

Annual Spaceship Inspection

Checklist Email *

olena@technomancy.com.au

Owner *

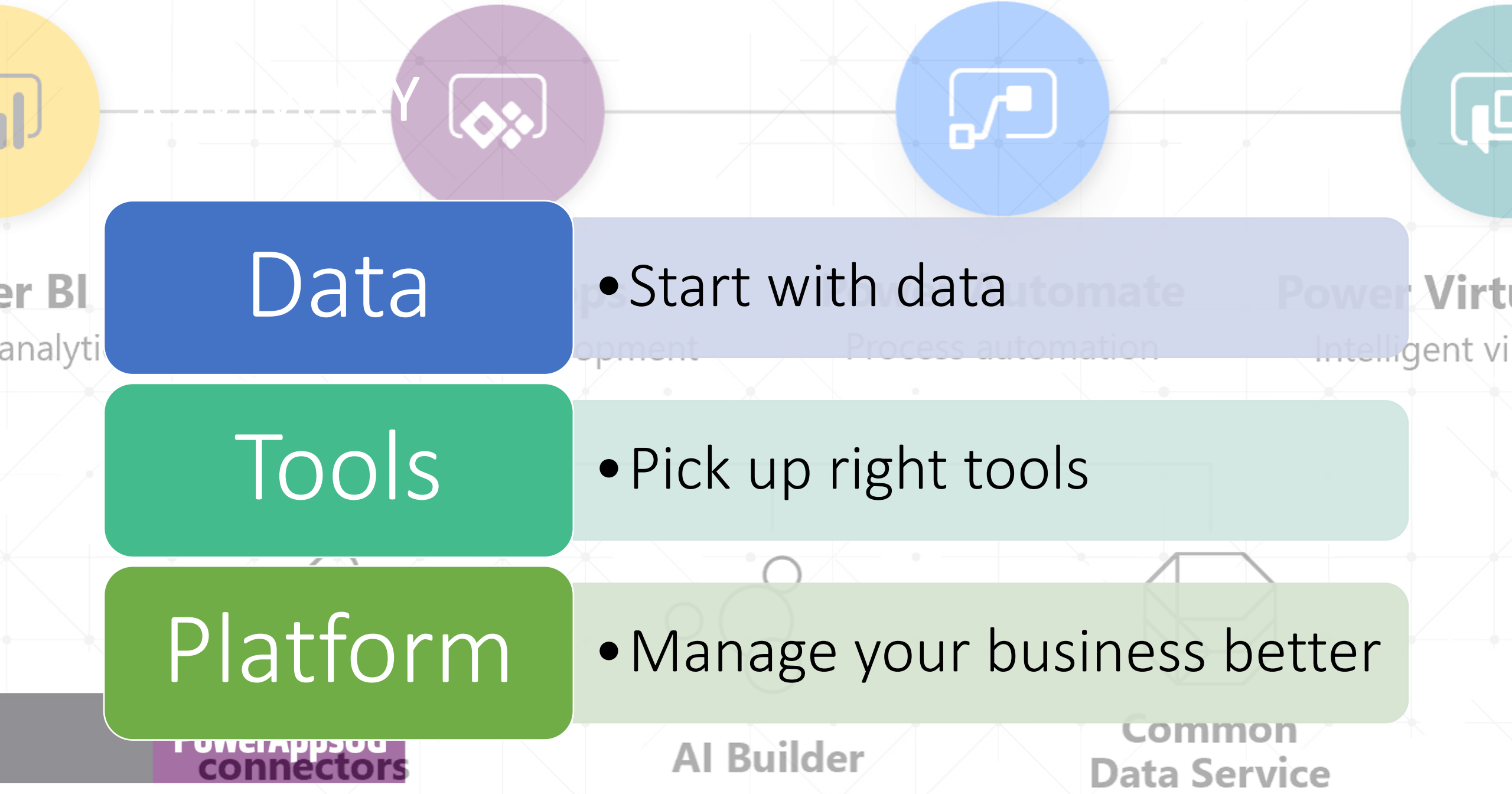
Olena Grischenko

Inspection Items

Name	Equipment	Check Type	Expected Value	Actual Value
Electrical checks for Freight Loading doors - Right Door	Freight Loading Room	Electrical	OK	

Capture the feedback

Open source AI…
(buzz buzz buzz)


Data
Start with data
Tools
Pick up right tools
Platform
Manage your business better
AI Builder
Common
Data Service

Submit Your Idea

Olena Grischenko

Microsoft® Most Valuable Professional

https://www.linkedin.com/in/olenagrischenko

https://msolenacrm.blog/

https://github.com/alena-grischenko

https://www.youtube.com/channel/UCPbi3o9ZWTmzTp87SSmPu_g

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Thank You for attending!
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