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THE NATIONAL GEOSPATIAL CONFERENCE

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**FIG** **Geospatial**  
Council of Australia

Brisbane, Australia 6-10 April

Collaboration, Innovation and Resilience: Championing a Digital Generation

# Integrated Local Government Processes in the Cloud: City of Cockburn Case Study

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# Integration Challenges in Local Government

SURVEY



Data Silos & Fragmentation

Outdated Technology Infrastructure

User Training & Maintenance

Lack of Data Governance & Standards

Data Security & Privacy Concerns



# Background & Challenges

technologyone

ERP



ArcGIS Online

Manage tasks and work requests for field workers



- Cockburn moving from On-Prem ERP to cloud based SaaS
- Heavy customisation in on-prem SQL Server
- Limited to no-customisation options in SaaS (no direct access to underlying database)
- Tightly coupled, two-way ERP to GIS integration not possible with SaaS
- Supports critical council services



## Our Objectives

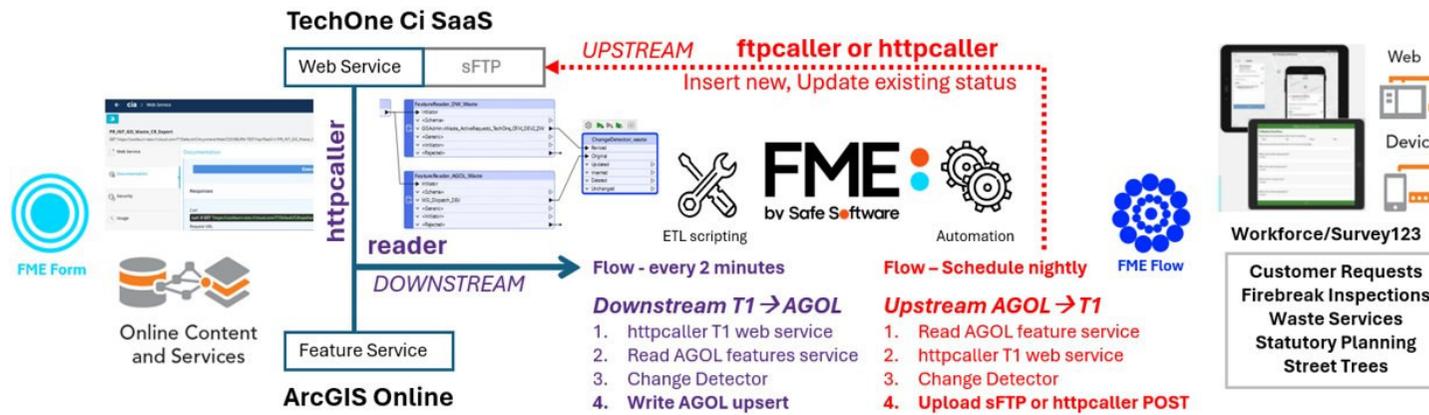


- Minimise bespoke configuration (avoid more tech debt)
- Utilise out of the box integrations in both platforms
- Waste management service - two-way sync between ArcGIS Online (AGOL) and TechOne datastores
- Deliver the solution with Cockburn – part consulting, part training



## Our Solution

- Scheduled sync processes that integrates via T1 REST API and FME's out of the box AGOL functionality
- Lightweight extensible configuration
- FME Flow manages information flows downstream every 2 minutes and upstream nightly via schedule





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## Business Benefits

Access to modern and customizable integration models

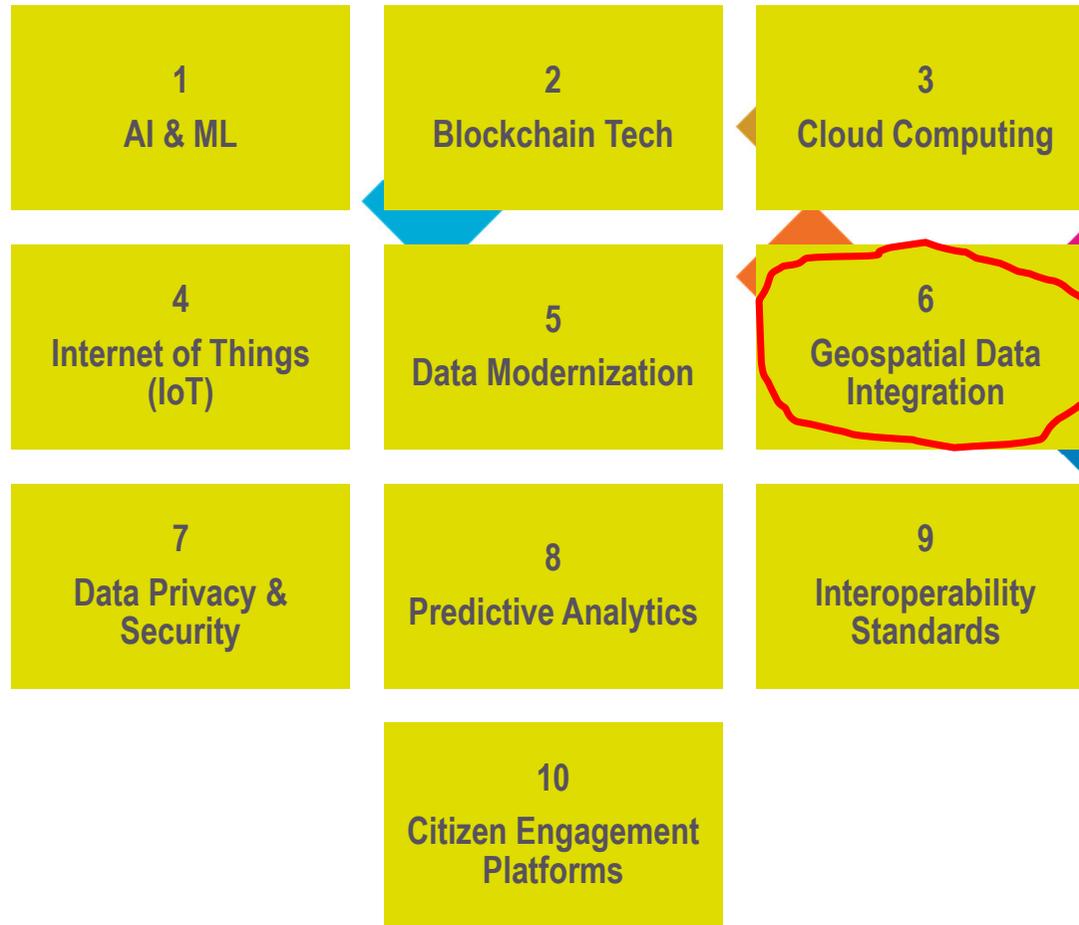
Enhanced internal staff capabilities



Expanded utilization of FME across council operations



# Integration Trends in Local Government (thanks Copilot 😊)



The most relevant SDGs related to the presentation and theme of this presentation

1st relevant SDG



**9** INDUSTRY, INNOVATION AND INFRASTRUCTURE

2nd relevant SDG



**12** RESPONSIBLE CONSUMPTION AND PRODUCTION

3rd relevant SDG



**8** DECENT WORK AND ECONOMIC GROWTH

**SUSTAINABLE DEVELOPMENT GOALS**

International Federation of Surveyors supports the Sustainable Development Goals

**1 spatial**  
YOUR WORLD SMARTER



Thank you

Any Questions?

