Enterprise Integration, iPaaS and Enterprise Service Business

Shane Petersen, Technology Architect, Technology One

USER (GROUP)

26 July 2018

Commercial in confidence

Agenda



Enterprise Integration

- Ci A Web Services Architecture
- Integration Capabilities



iPaaS and ESB



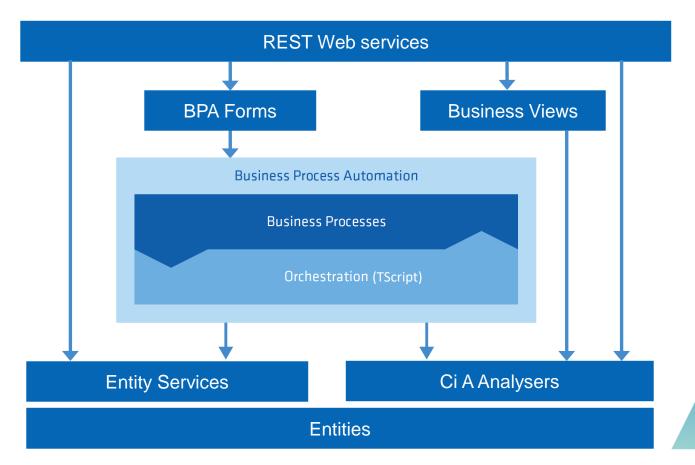
Integration example



Futures

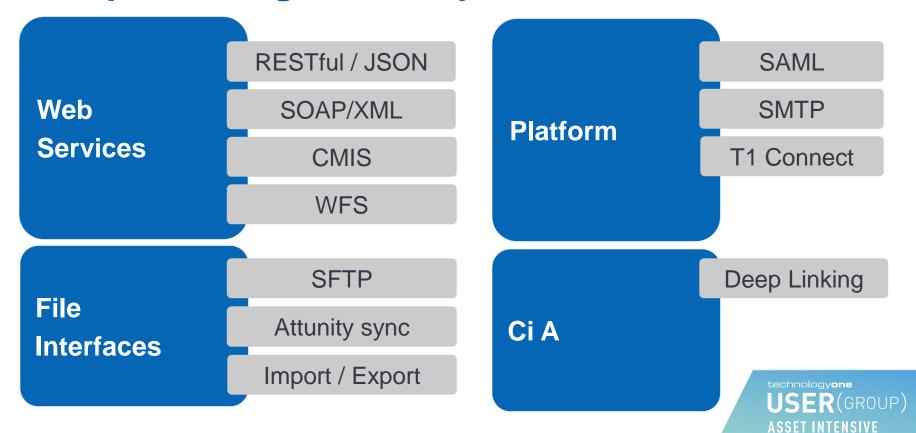


Ci A Web Services Architecture





Enterprise Integration Capabilities



iPaaS and ESB

Integration Challenges

Enterprise Software TechnologyOne

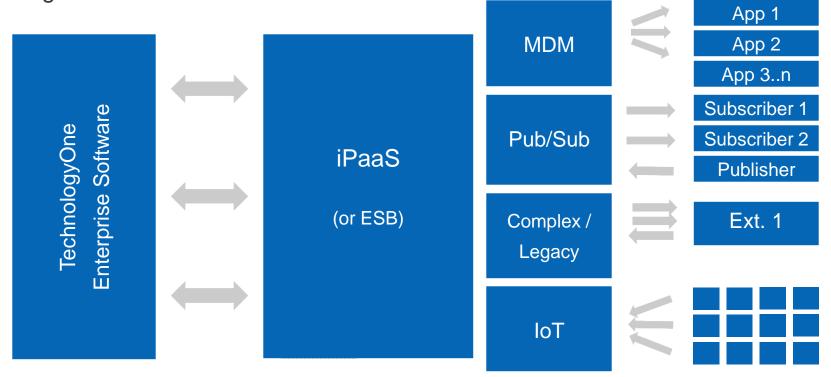
Other Systems				
SCADA	Network Design	Drawing Management	Engineering Collaboration	Environment Sust. Mgmt
Operational Monitoring	Contractor Systems	Other Service Provider Systems	Vegetation Management	External Reporting

- Propagating master records
- Supplier & Service provider system integration
- Some complex external interfaces and API's
- Legacy or bespoke systems integration
- 'Cloud to cloud' and 'cloud to on-premises'
- Increasing number of devices and Apps
- Interface change management



iPaaS and ESB

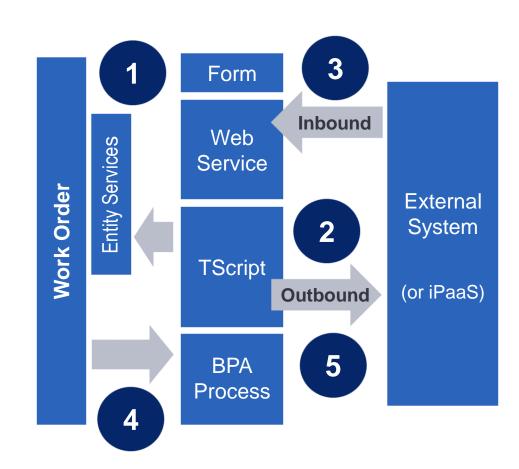
Integration Patterns



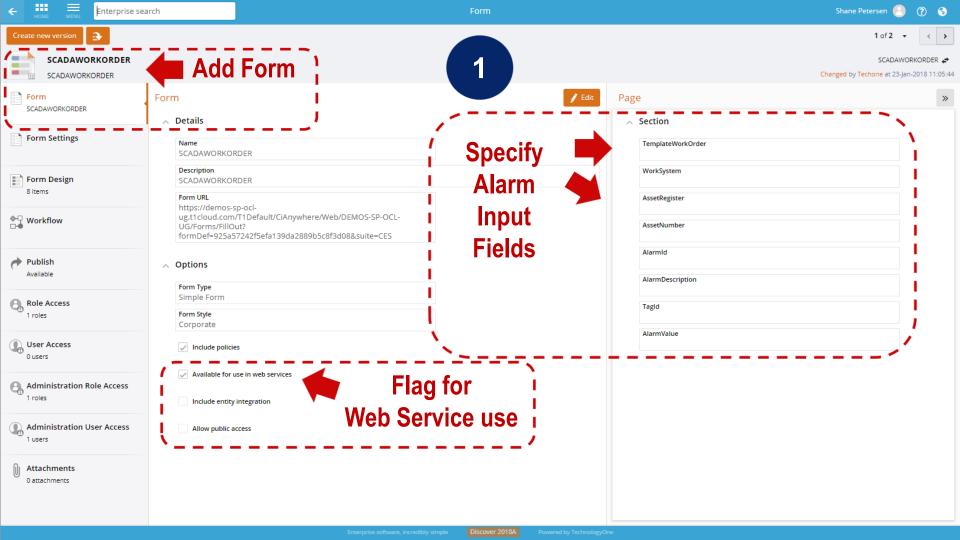
OneWater example

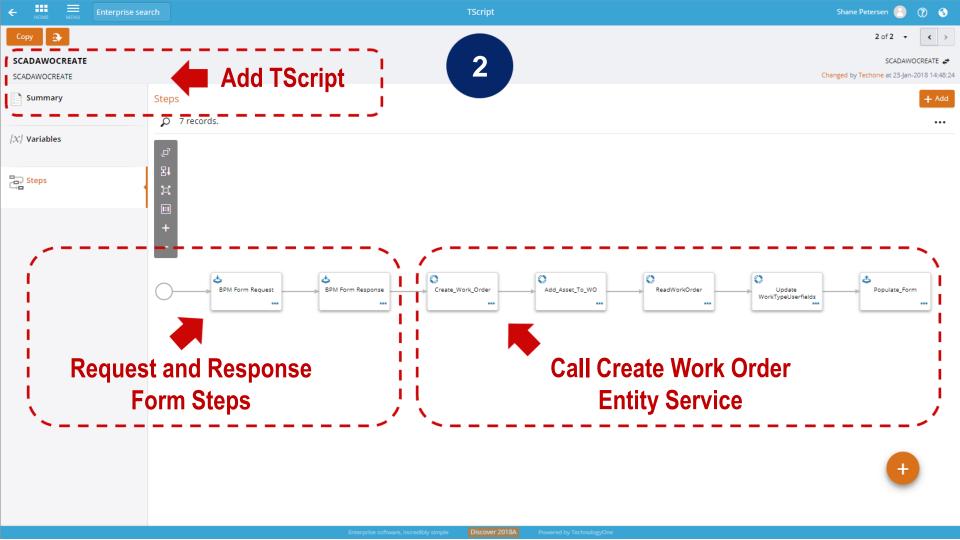
Use case...

- Inbound: Ci Anywhere web service to create a Work Order for SCADA Alarm
 - Direct call to entity service or indirect using a forms based web service (to simplify request)
- Outbound: call to external web service when a relevant Work Order is updated
 - Leverages BPA process integration to enable further extension and automation

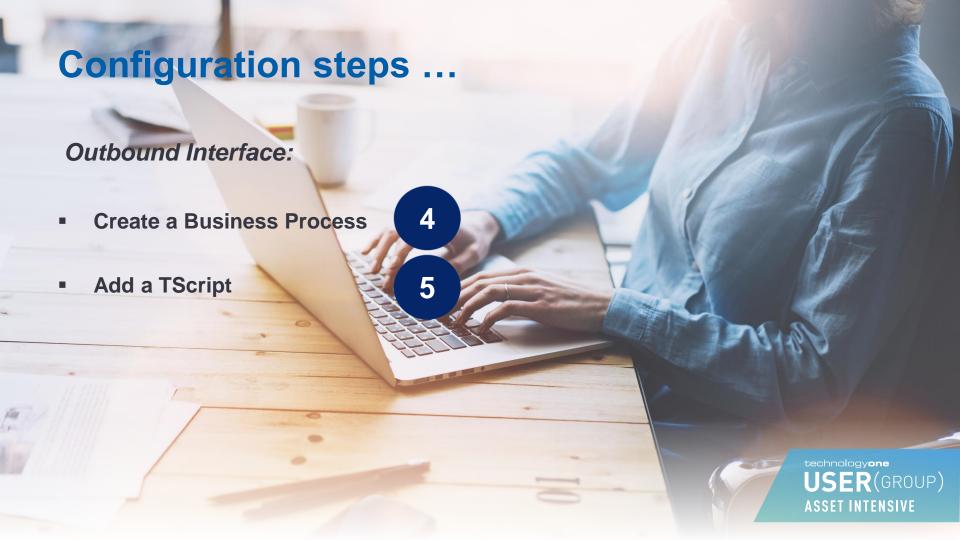








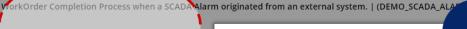




OMPLETED)

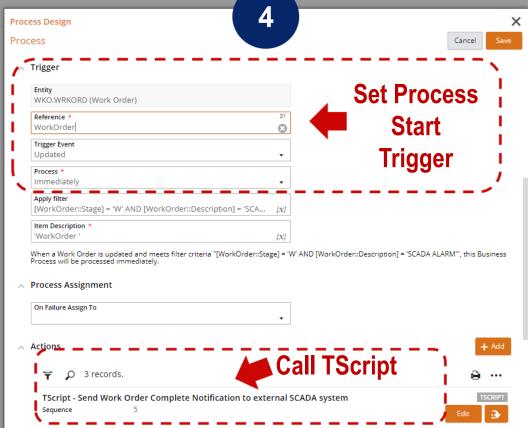




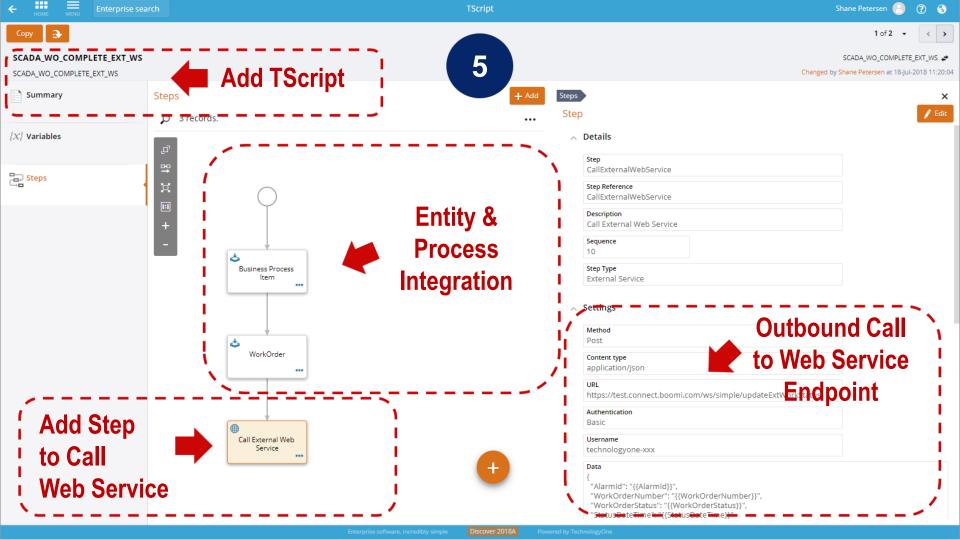


Create a Simple **Process**









Integration Futures

On the roadmap ...

OAUTH for CiA Web Services (planned for 2018B)

Ci A ETL

(planned for 2018B)

Additional Entity Services

(each release)

Already delivered ...

- Trigger ETL processes via Ci A Web Services
- Create ETL step to read Ci A Analysers and Business Views
- Add TScripts to existing Ci Workflows
- BPA Forms with Classic Ci Workflow



Want more information on this session?

If you would like to find out more information about this session, request more information here and a member of the appropriate team will contact you.

technologyone

USER(GROUP)

ASSET INTENSIVE | 25-26 JUL - MELBOURNE

26 July 2018

Commercial in confidence

technologyone

Transforming business, making life simple