FULTON HOGAN MOBILE APP
Mobilising a Remote Workforce

JANA PFEFFERROVA
FULTON HOGAN

+ Since 1933
+ New Zealand, Australia and South Pacific
+ Transport and Civil Infrastructure
  – Road Maintenance
  – Traffic Management
  – Civil Construction
  – Water Infrastructure
FULTON HOGAN AND GIS

- Clutha
- Central Otago
- Taupo
GIS AT FULTON HOGAN

- View Data
- Search Location
- Red Marking
- Provide Reports
- Share Data

+ Disconnected Environment
PREVIOUS WORKFLOW

1. Search for Location
2. Screenshot of Current View
3. Mark Location and Coordinates
4. Share Data
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?SMART GIS?

NON GIS

District Council
SMARTER SOLUTION

+ Requirements

[Image of various icons illustrating different requirements]
MOBILE MAPPING APP

+ ArcGIS Runtime for .NET
+ Windows Platform
+ #C
+ Microsoft Visual Studio
RUNTIME WORKFLOW

1. Search for Location
2. Create New Features
3. Export to PDF
4. Share Data
RUNTIME WORKFLOW

Search for Location →
Create New Features →
Export to PDF →
Share Data
RUNTIME WORKFLOW

+ Identify
RUNTIME WORKFLOW

Search for Location → Create New Features → Export to PDF → Share Data
RUNTIME WORKFLOW

1. Search for Location
2. Create New Features
3. Export to PDF
4. Share Data
RUNTIME WORKFLOW

Search for Location

Create New Features

Export to PDF

Share Data
RUNTIME WORKFLOW

+ Share/Sync
RUNTIME WORKFLOW

+ Share
RUNTIME WORKFLOW

1. Search for Location
2. Create New Features
3. Export to PDF
4. Future Data Share
Technology behind

+ Basemaps
  - TPK
+ Basedata
  - MPK
+ Geocoder
  - Composite Locator
+ Operational Data
  - Runtime Geodatabase
+ Editable Data
  - Runtime Geodatabase
FIG Working Week 2016
CHRISTCHURCH, NEW ZEALAND 2–6 MAY 2016

Summary

Recovery from disaster

Platinum Partners:
Diamond Partner