



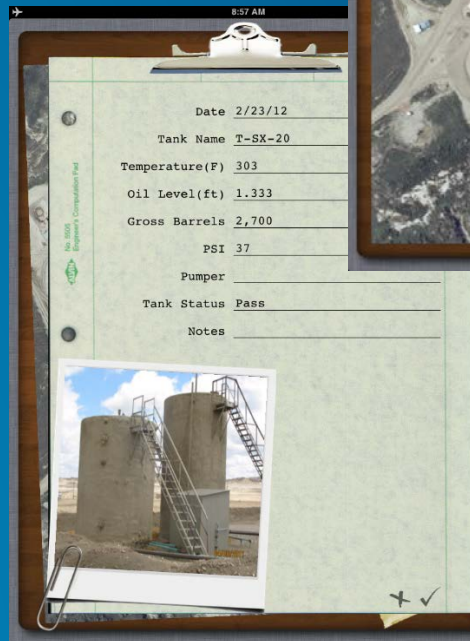
# Make Mobile Work For You

Dave Lewis

# Why Mobile GIS?

## Key Business Drivers for Field Operations

- Empowering Field Operations with Data
- Replace paper maps
- Replace paper-based workflows
- Map infrastructure
- Maintain infrastructure
- Worker safety



8:57 AM 100%

Date 2/23/12

Tank Name T-SX-20

Temperature(F) 303

Oil Level(ft) 1.333


Gross Barrels 2,700

PSI 37

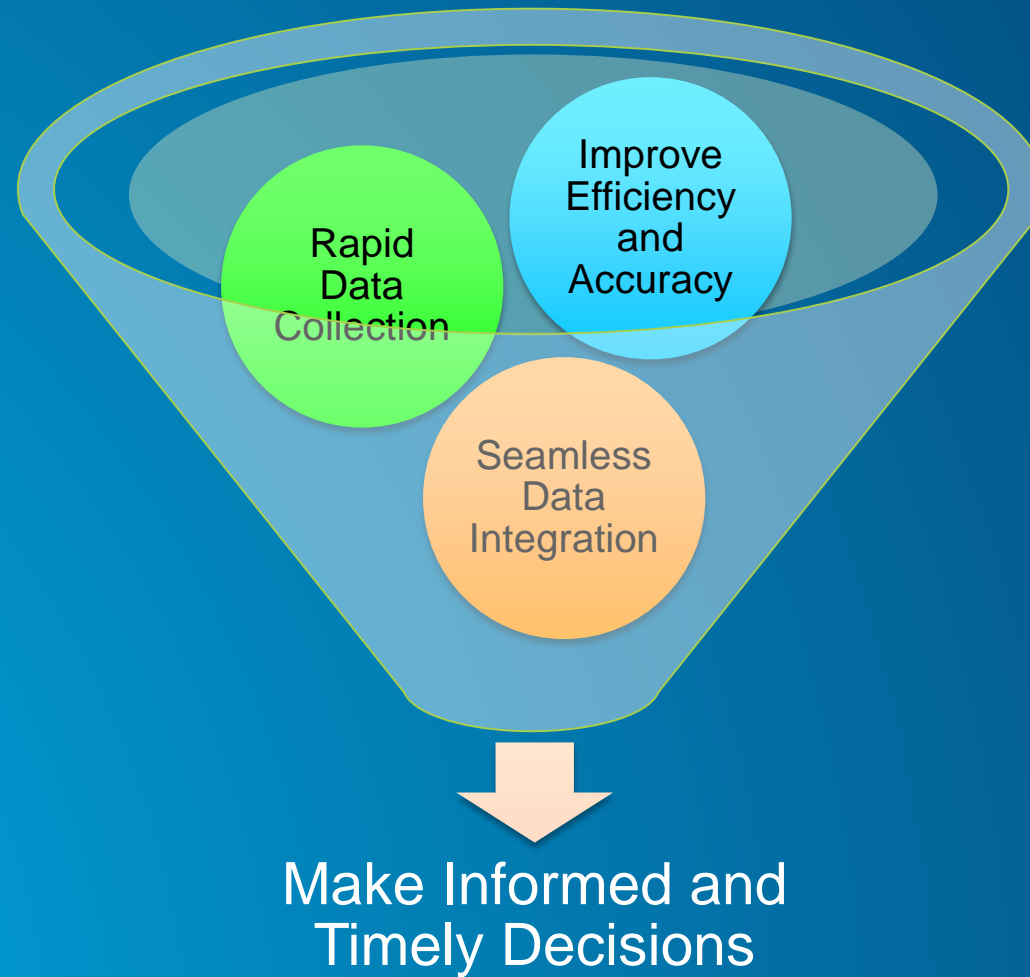
Pumper

Tank Status Pass

Notes



# Leverage Your Investment in ArcGIS via Mobile



# The ArcGIS Platform is Designed for the Mobile Enterprise



# Key Mobile Considerations

- **One size does not fit all: There are many things to consider:**
  - **Mobile Device: Ruggedized Laptop, Tablet, Smartphone, Operating System, etc...**
  - **Existing IT Infrastructure, and standards (i.e. Windows vs. iOS vs. Android)**
  - **User Sophistication**
  - **Integration with legacy systems**
  - **Integration with Work Order Management Systems**
  - **Location Quality (high precision GPS vs consumer device location APIs)**
  - **Data Types: (imagery, vector, files, networks, anno, basemap caches)**
  - **Connected vs Disconnected requirement**

# Foundation Apps

## Supporting Common Tasks

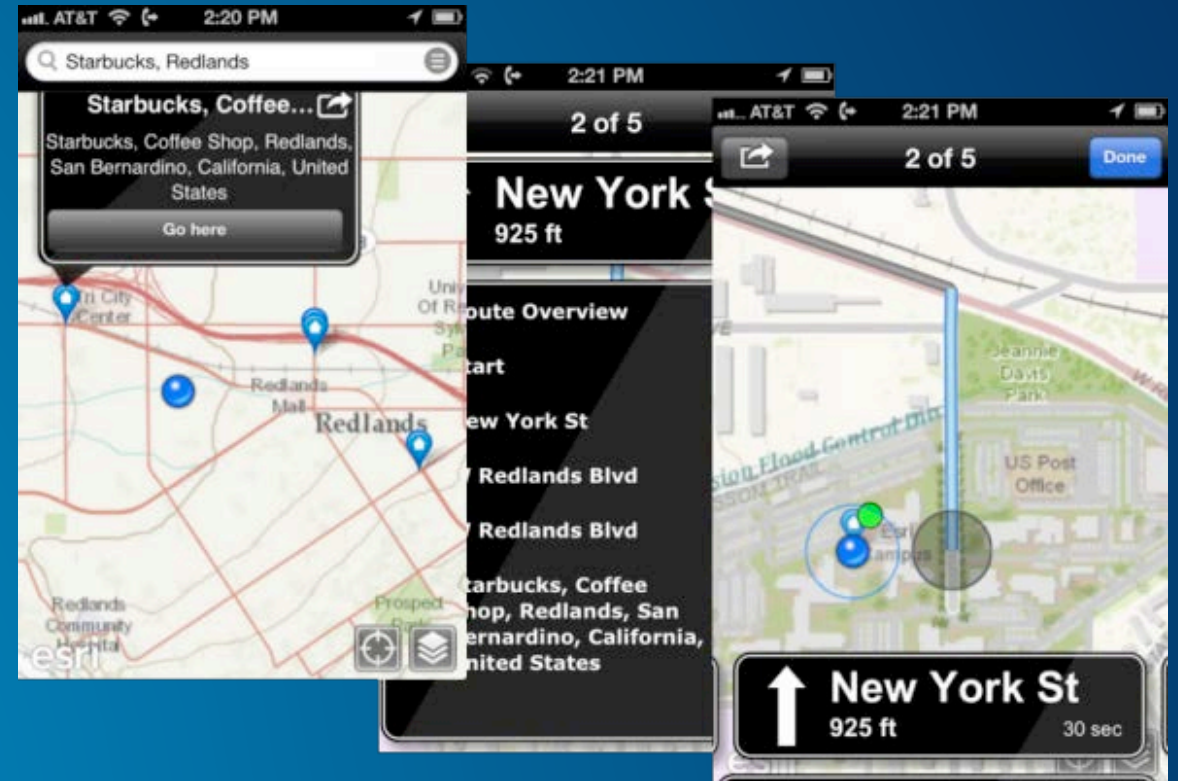
- Collection / Editing
- Viewing
- Mapping
- Analysis
- Awareness
- Communication

Multiple Devices



# Runtime SDKs

- Native APIs for building focused applications
- Embed ArcGIS into existing applications
- Common conceptual framework across platforms
- Powered by a Runtime



# How Can Esri Professional Services Help?

## *3 Common Engagement Patterns...*

- **Mobile Assessment and Jumpstart**
- **Mobile Data Collection Standards and Strategy**
- **Focused Enterprise Solution**



# Open discussion...

Were interested in your feedback

What mobile projects are you working on?

What are your challenges?

**Dave Lewis**

Practice Manager, Mobile / Logistics

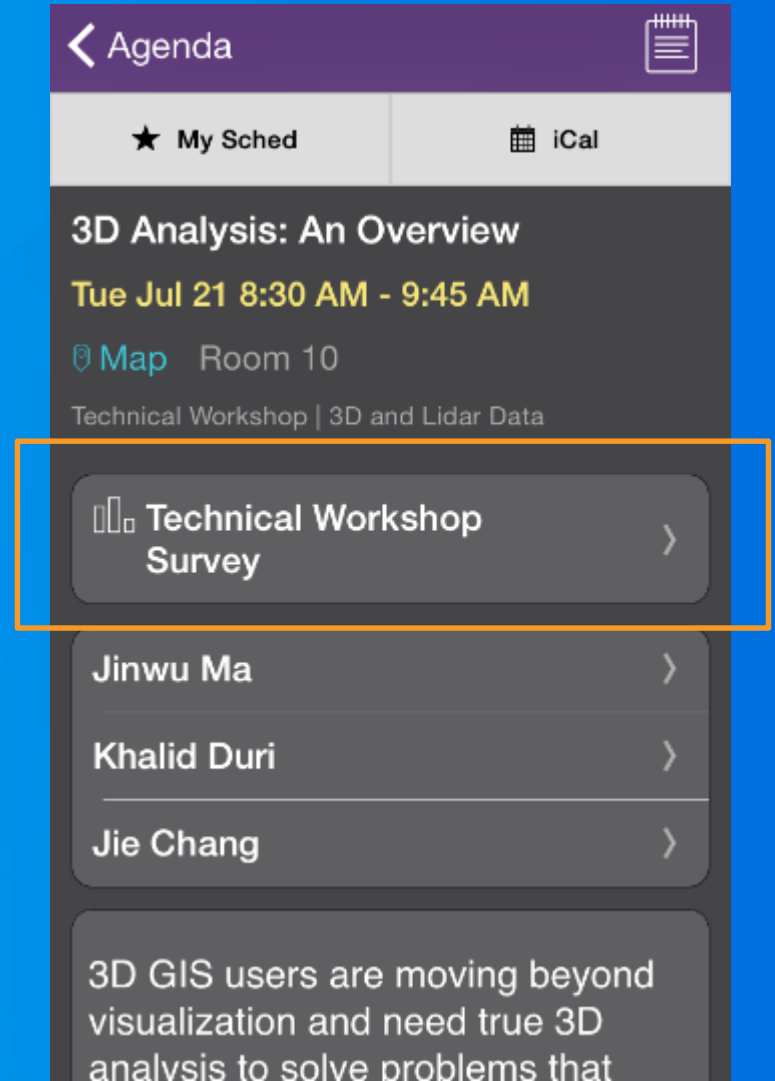
**dlewis@esri.com**

**415-238-3037**

# Thank you!

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- Click "Technical Workshop Survey"
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