Consolidating Mobile GIS Data with Mobile Field Data

Shane Hullinger
Ameren Gas

- Spans 64,000 square mile over 2 states (IL & MO)
- 900,000 natural gas customers
- 1,290 communities
- 1,304 miles of transmission
- 19,900 miles of distribution
- 12 storage fields

- Combination of 4 legacy companies starting in 1853
Introducing ClickSoftware

**Leadership**
- **Market leader** in workforce management and enterprise mobility
- Recognized by **Gartner** as a leader for the third consecutive year
- **Worldwide blue-chip customers** using our solutions

**Fundamentals**
- NASDAQ listed “CKSW” since June 2000
- 2013 record revenues: $103.2 million
- Q4-2013 record revenues: $30.7 million
- Strong cash generation, no debt
- 2014 guidance: $111-115 million
- Strong momentum in **cloud** business – Q4 bookings for cloud more than doubled y/y

**Global Presence**
- Offices in Americas, EMEA, and APAC
- Over 600+ employees worldwide
- Eco system of major players, such as SAP, IBM, Accenture, Salesforce
- 250+ customers worldwide, ~80 utilities
- Hundreds of thousands of service people managed by ClickSoftware solutions every day
GCAM

- Gas Compliance Asset Management
- Enterprise Asset Management (EAM)
- Mobile Solution
- Integration with GIS
Architecture
Workflow

Order Creation
- Manual Order Creation
  - Compliance orders
- Automated Order Creation
  - Compliance orders

Order Assignment
- Operations Supervisors
  - ArcGIS Server
- Automated Task Assignment
  - Cathodic Protection Tasks
  - Emergency Valve Tasks
  - ClickSchedule version 8.1.5
  - Web Client

Order Completion
- Field Technicians
  - Work order execution
  - ArcGIS Engine
- Enterprise/Management Users

Analytics and Reporting
- ArcGIS Server
- ClickMobile Classic

EAM
Leak Survey - Paper

- Map Sheets
- Manual Process
- Paper Based
- Lack of Visibility
Leak Survey - Digital

- Esri Maps
- Digital Data Collection
- Connected / Disconnected
- Supervisor Visibility
Demonstration
Leak Survey
ClickMobile
Esri on ClickMobile
Esri on ClickMobile
Esri on ClickMobile
Esri on ClickMobile
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Leak Surveillance
Esri on ClickMobile
Esri on ClickMobile
Esri on ClickMobile

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Status Change

Focused Energy. For Life.
Esri in ClickMobile

Leak Investigation
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Esri on ClickMobile
Esri on ClickMobile
Esri on ClickMobile
Other GCAM Aspects

• Replicated Service Cards
• Overlapping Territories
• Valve Isolation Trace
• Companion MDTs (future)