



GIS Interest Group Webcast

Southern Company - GIS data improvement in support of IDMS

Greg Shipp

Power Delivery Distribution at Alabama Power Company

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Field Force Data Visualization

Re-engineering the Human Machine Interface For Utility Field Crews

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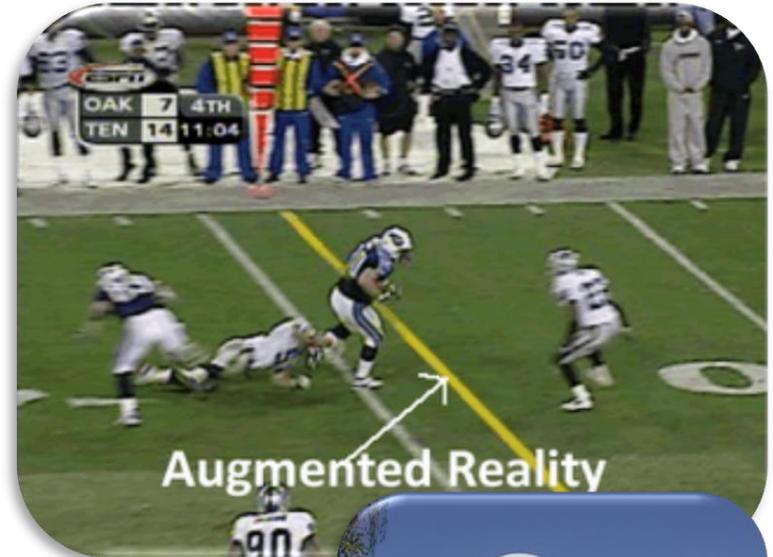
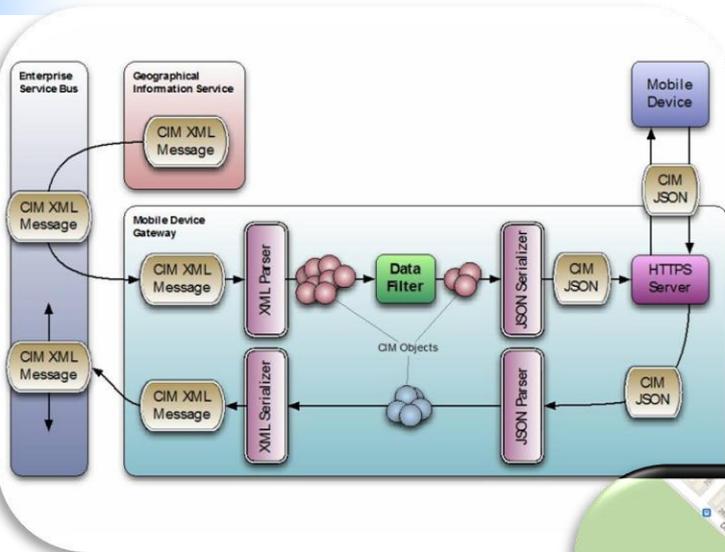
Field Force Data Visualization

An integrated field force data visualization and integration tool for managing any work and maintaining any asset in the field.

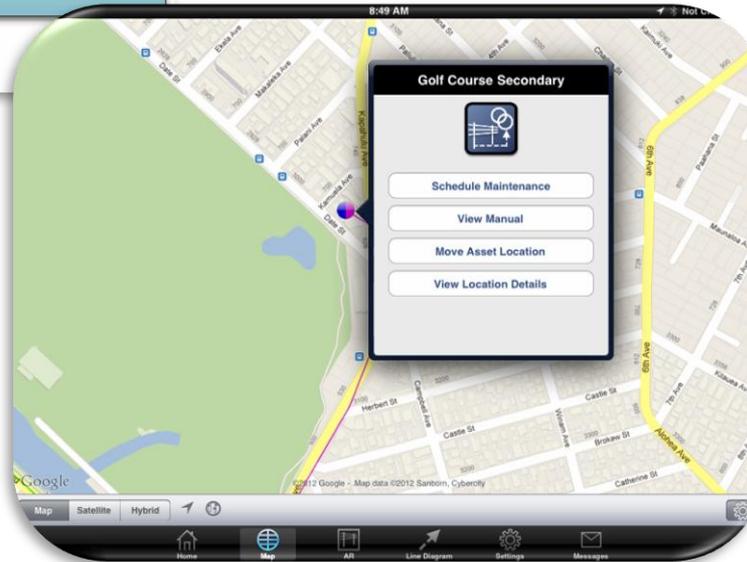


Leveraging CIM, Augmented Reality and Context Aware GIS

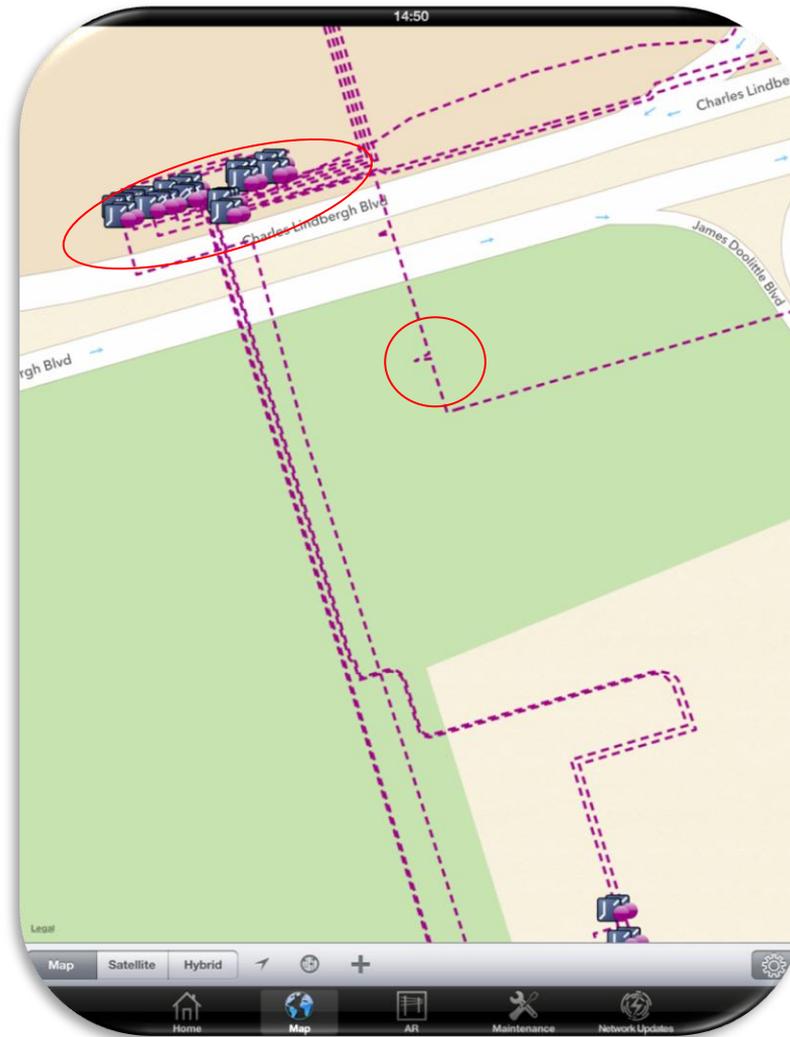
Three, Key Technologies...



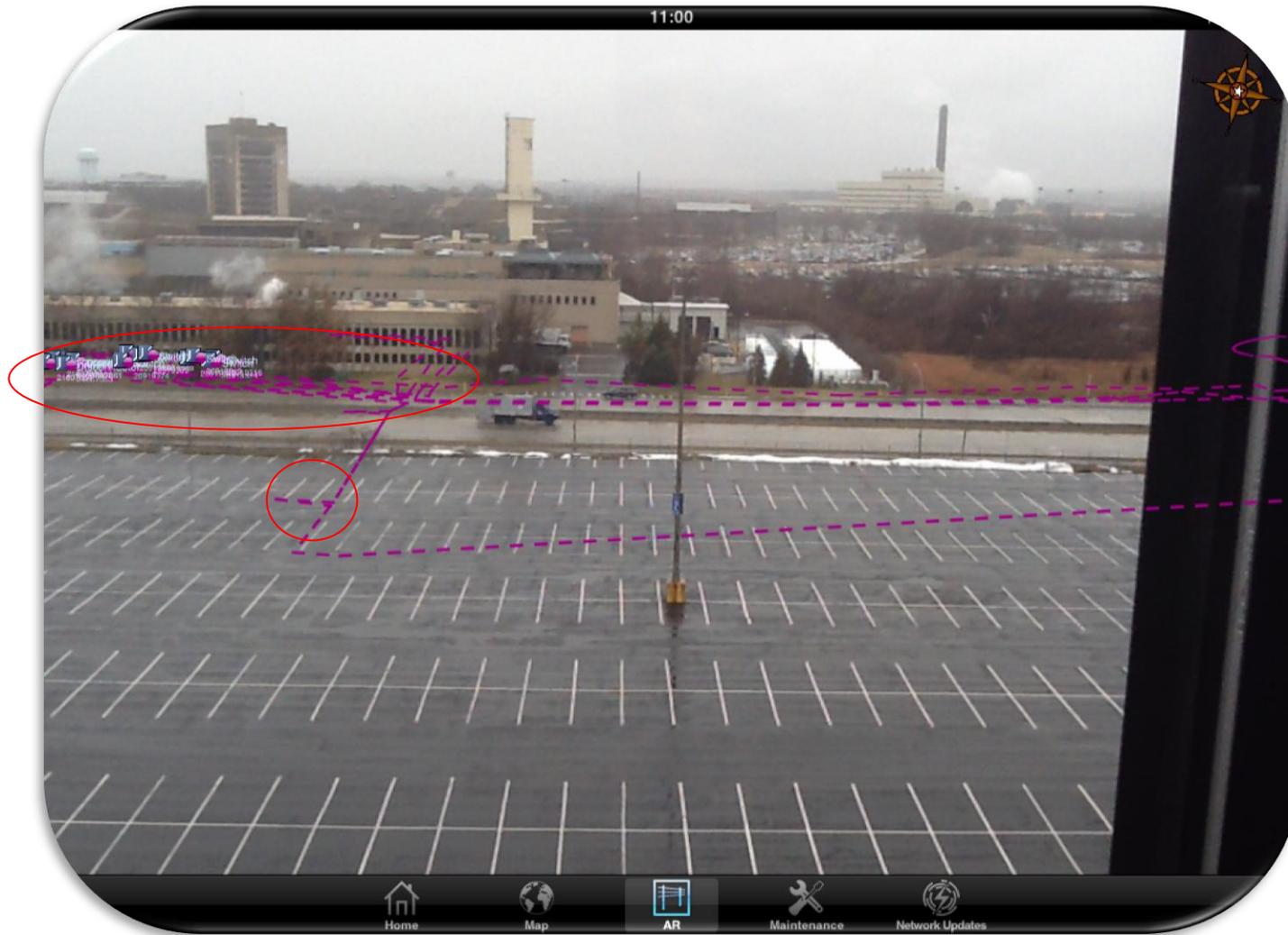
- CIM Messages
- Augmented Reality
- GIS context awareness



Example of Functionality - Visualization



Augmented Reality in Action



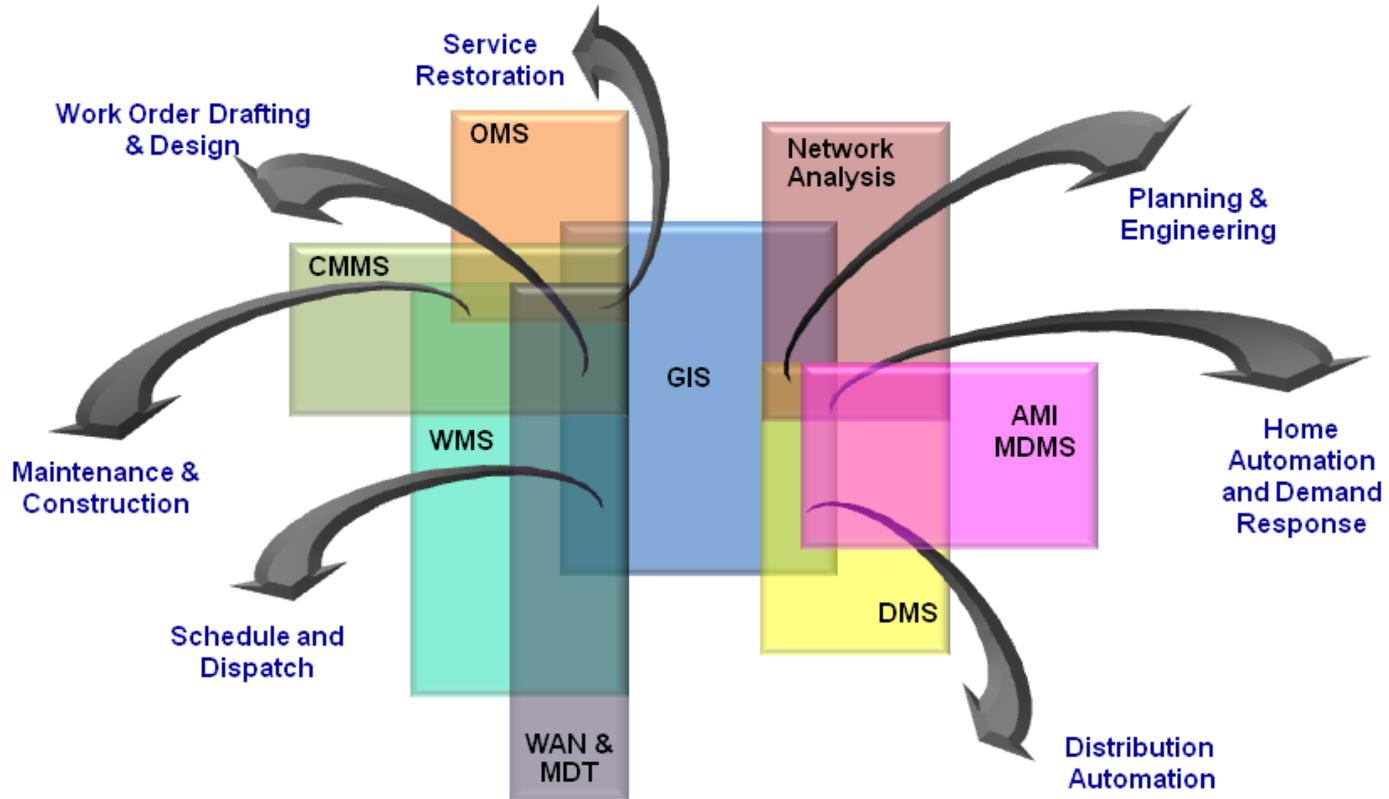


GIS Data Improvement and Integration

Creating “One Truth” for Assets

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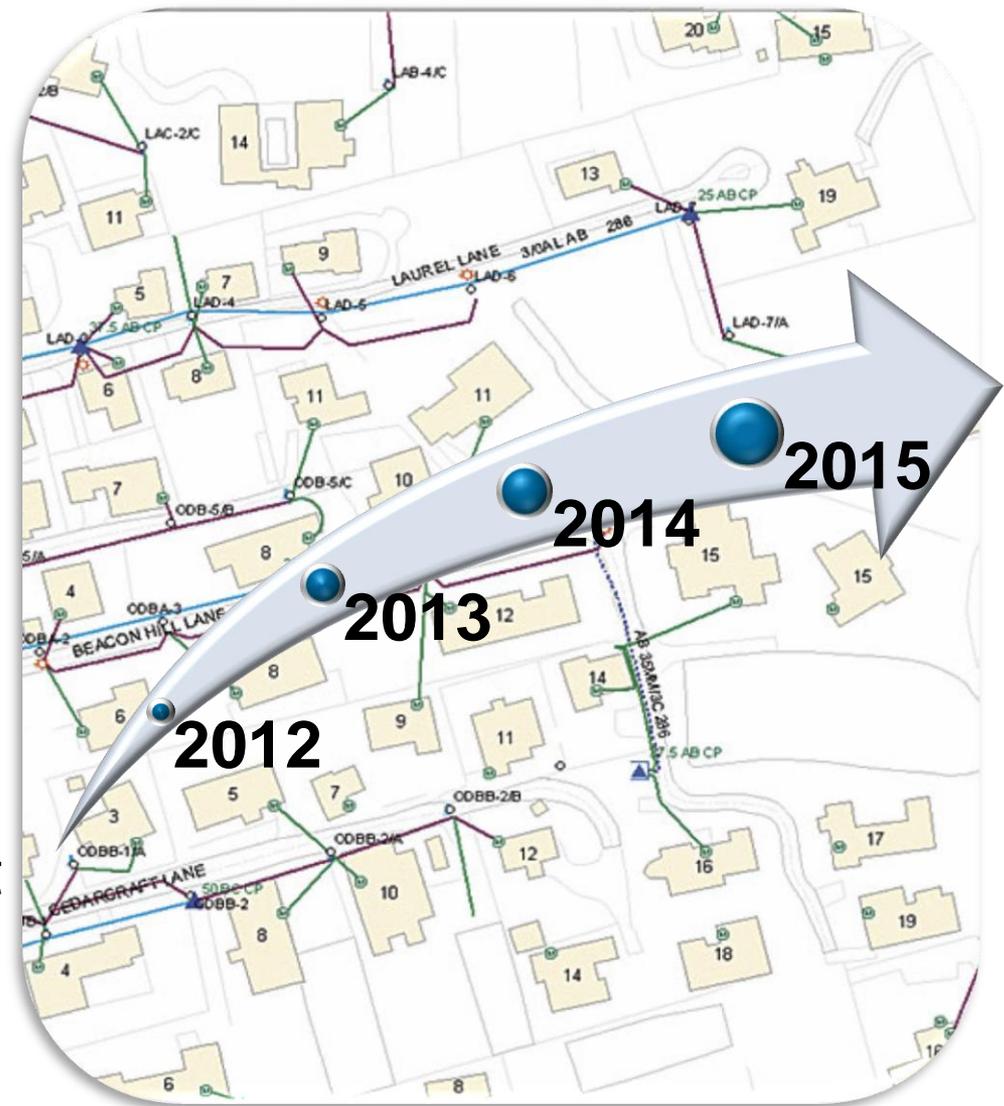
GIS Data Improvement and Integration



GIS data quality improves and becomes more useful as an enterprise resource, becoming a key enabler to grid modernization.

Roadmap for GIS

- 2012 – Monetization of GIS Data
- 2013 – Data Dependencies of GIS
- 2014 – GIS Data Quality Guidebook
 - GIS Integration Guidebook
 - GIS → CIM
- 2015 – GIS Management Guidebook



Recapitulate

Field Force Data Visualization

- Utilities in control
- Vendor independence
- Power through simplicity

GIS Data Quality and Integration

- Cohesive program
- Integrated with other EPRI programs
- Guidebooks to add value

