Connecting Live:
The GIS + SAP Asset Management Bond

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LOUDOUN WATER

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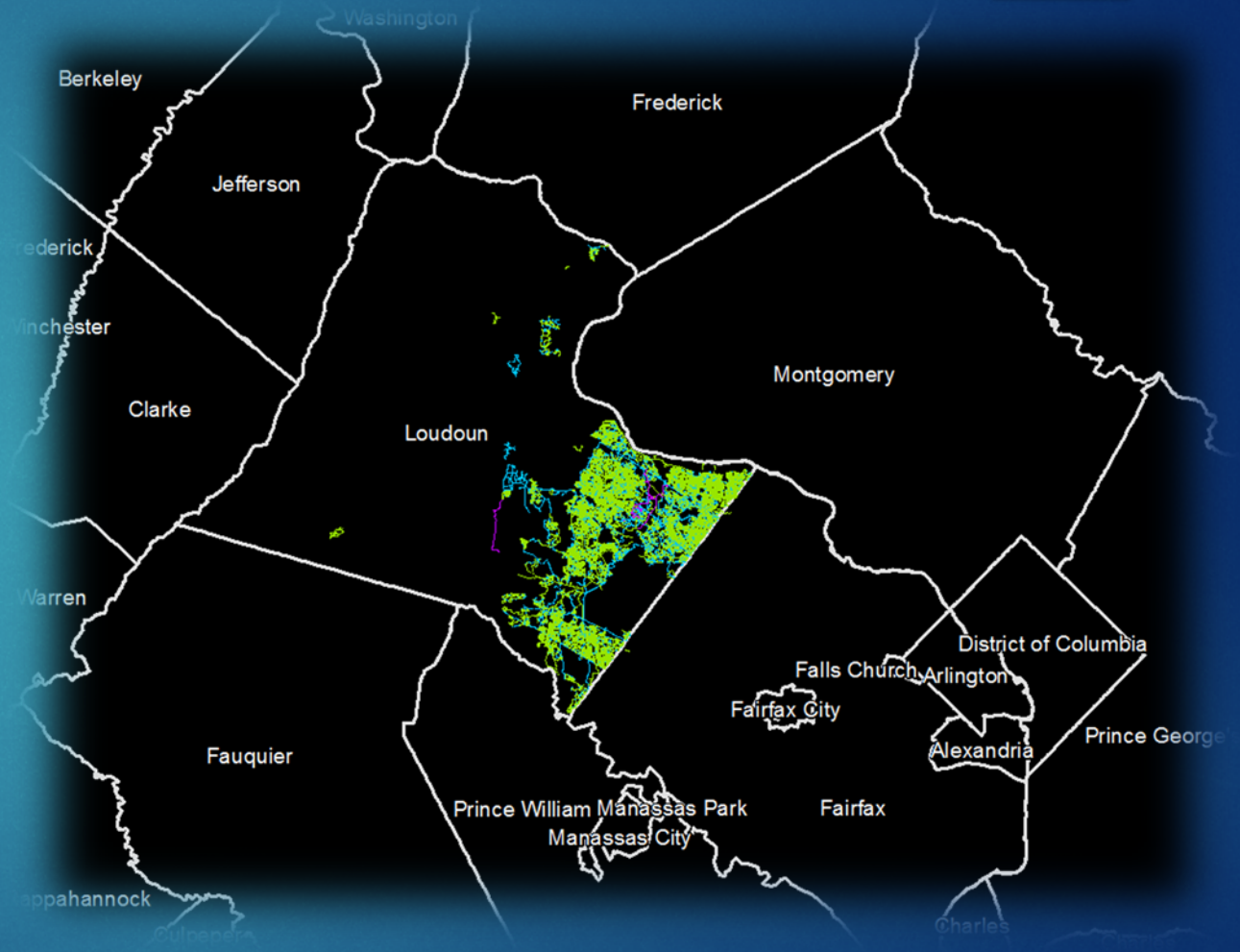
- 72,000 customers
- 1,200 miles of water main
- 900 miles of sewer main
- 17 miles of reclaimed water main
- SQL Server 2008R2, ArcGIS Desktop and Server 10.3



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LOUDOUN WATER'S REQUIREMENTS

- 7,000+ Corporate Requirements
- Two GIS requirements:
  - ✓ Show assets on a map
  - ✓ Synchronize with GIS

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GEO.E

- GEO.e is a group of function modules in SAP that adds spatial attributes to SAP objects
- GEO.e uses ArcGIS feature services to provide spatial attributes to SAP
- Demo

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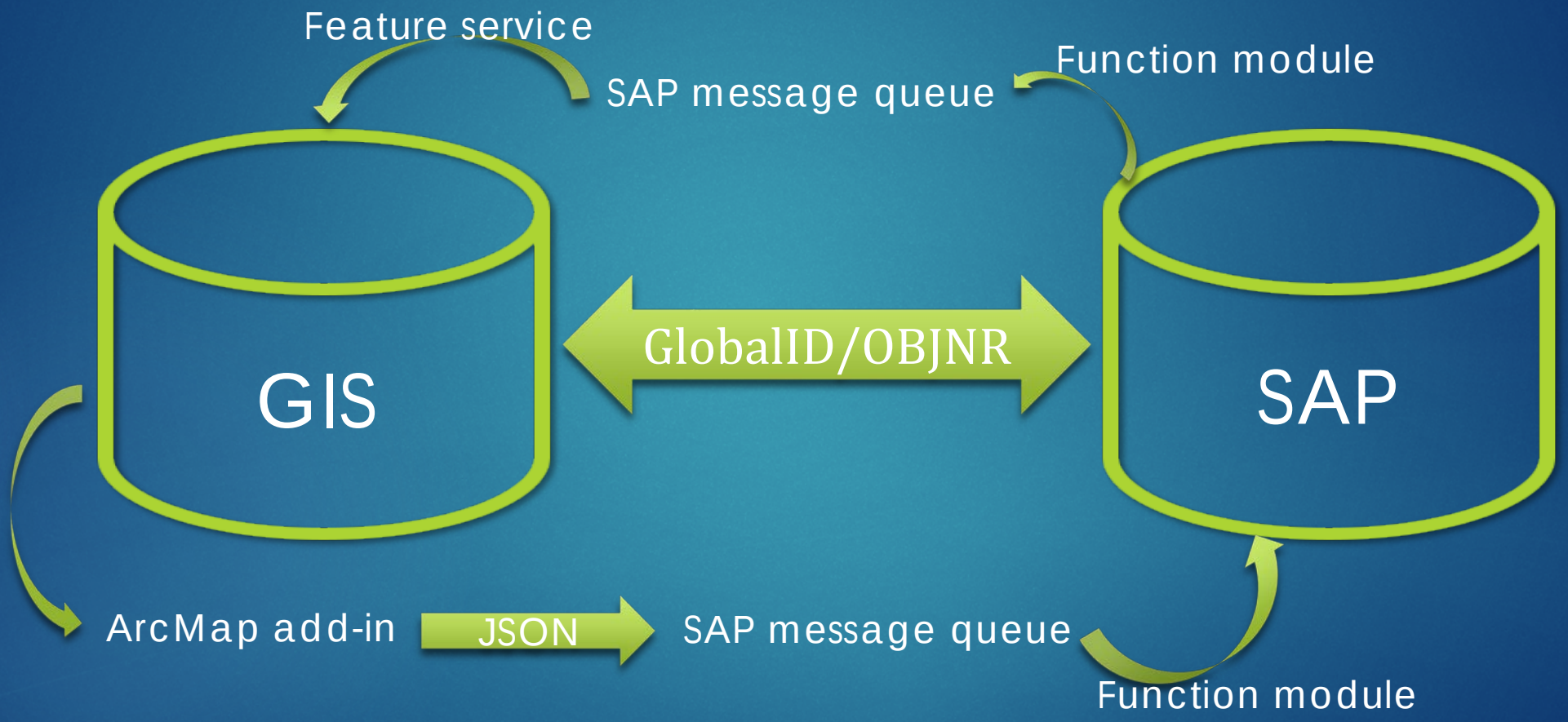
GIS + SAP SYNCHRONIZATION



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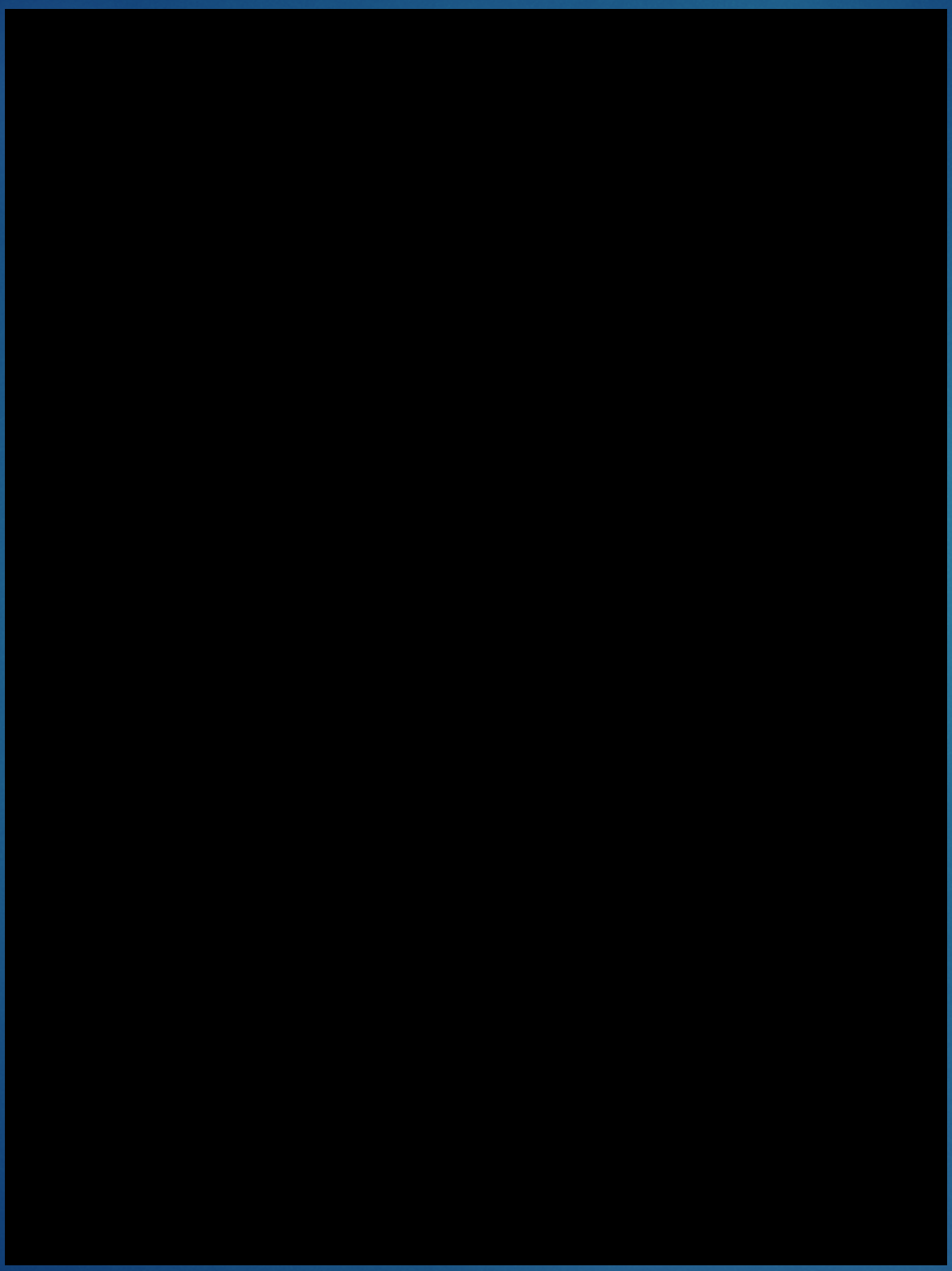
DEMO: GIS + SAP SYNCHRONIZATION



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WHAT THIS MEANS TO YOU

- Who
  - ✓ Every EAM customer needs GEO.e
- Why
  - ✓ Geo-enable your enterprise
- Cost
  - ✓ Months and Hundreds of Thousands
- How
  - ✓ Build internal team and find trusted partner
- What Next
  - ✓ Carefully design your shared objects
  - ✓ Flow chart each business process

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RETURN ON INVESTMENT

- Geo-enabled enterprise through custom automation
  - ✓ All customers are mapped upon creation
  - ✓ All meters are mapped when set
  - ✓ All work orders are on the map
  - ✓ Core GIS assets and attributes are shared
  - ✓ QA: Delta report proves it's right
- Integration pays off
  - ✓ Tight: GIS creates objects for SAP to maintain
  - ✓ Loose: Reference layers, geocoder, base maps

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KEY LEARNINGS

- Start your business process with geography
- Be flexible and patient. Embrace change.
- Think about what you don't want to do:
  - ✓ Addressing
  - ✓ Unique identifier in GIS
  - ✓ Duplicate effort

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FUTURE

- GEO.e for Project Systems
- GEO.e for Mobile
- GEO.e for IC Web
- GEO.e for Business Intelligence

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QUESTIONS?

THANK YOU!

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