Migrating from a Non-Spatial Asset Management System to a GIS Centric Solution

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Previous Asset Management System

• Two asset databases to keep synched
  - GIS for spatial
  - Other database for same assets in tabular form

• Limited # of users

• Field crews used ArcReader, paper maps, drawings

• Many errors and duplication

YIKES!
Goals

• Reduce duplication of data
• Decentralize data input
• Empower employees
• Improve workflows with accurate dynamic maps
New Asset Management System

- Single asset database – ArcGIS for the win!
- Over 300 users!
- Map services are used in the Asset Management Program
  - Better selection of assets for work orders
- Polygons in map services can auto-populate fields
- Utilize our own Geocoding service

AWESOME!
System Architecture

- 2 Physical Servers
- 7 Virtual Servers
- Cityworks
- ArcServer
Thank You!