SALT LAKE COUNTY
INFORMATION TECHNOLOGY

ESRI Government CIO Summit

GIS Steering 5/15/2025

Our mission is to better the lives of Salt Lake County government and residents through technology.

State of GIS

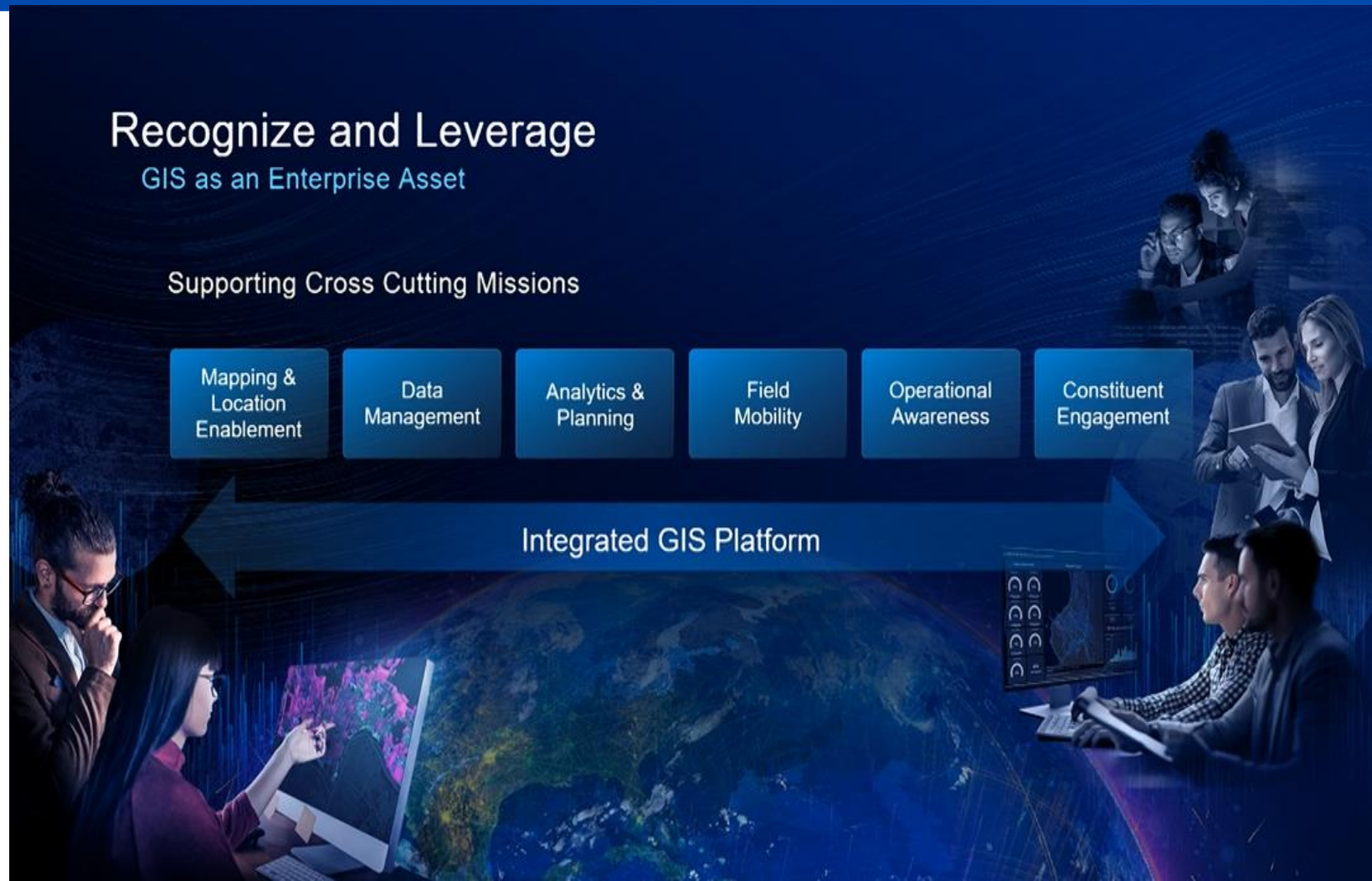
Jack Dangermond

- GIS as Infrastructure
  - Asset Management
  - Engineering
  - Public Safety
- Context
  - GIS in Education
  - Public information
- App Integration
  - API
  - Workers as Sensors
  - Real Time Awareness

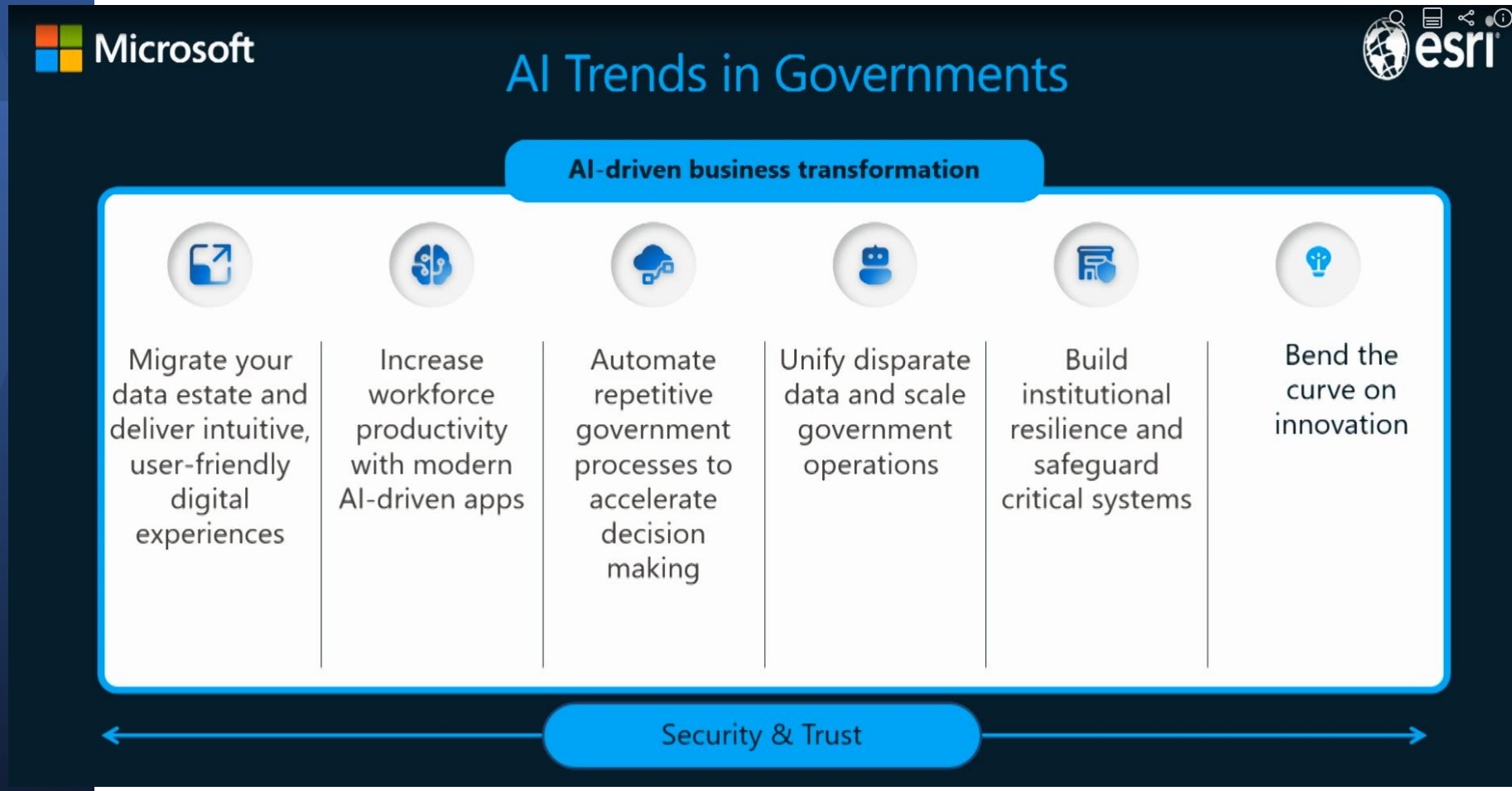
State of GIS

What's Next

- AI tooling - CoPilot
- Distributed Geospatial Infrastructure
  - Blending of data across agencies
  - Integration with other analytics platforms
  - MS Fabric (MS SaaS analytics stack)
- ArcGIS as an Enterprise Platform??



Microsoft AI Integration



Notable Presentations

- Detroit and GIS Excellence – Empowering Departments
  - Detroit Base Units project to allow agencies to tie together
  - Emergency Services, Mural Projects, Parcel Data
  - Census value from imagery projects
- Carlsbad, CA – Streamlining Operations and Workflows
  - Appointment process, Council Staff Reports, Fleet Management incident reporting
- Tennessee Dept. Of Environmental Conservation - Restoring Critical Infrastructure After Disaster Events
  - Recovery from Hurricane Helene
- From Vision to Reality: Advancing King County's Enterprise GIS
  - Drive 50% of IT workloads through Enterprise GIS

Opportunities

1

Multi-layered Digital Twins

- Urban design using digital twins
- Rendered views including above and below ground

2

Interior mapping

- Coliseum planning
- Hotel spaces
- Virtual Walkthroughs
- Safety and security

3

GIS as an Enterprise Platform

Thank you!

SALT LAKE COUNTY
INFORMATION TECHNOLOGY