

A globe of the Earth is the central focus, overlaid with a white network of dots and lines. To its left is a red sphere, also with a network overlay. The background is a dark blue gradient with faint, glowing lines and dots, suggesting a digital or spatial environment.

# GIS & the Modernized National Spatial Reference System (NSRS)

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# GIS and the Modernized NSRS

Industry patterns that will benefit...

Built Environment

Integrating All Types of Content

Digital Twin



BIM

Modeling Geographic Processes & Relationships

Depicting Existing Conditions

Natural Environment

IoT

3D / 4D

Supporting Many Applications

Transactionally Maintained

*Demand for high accuracy data . . .*

EMERGING PATTERN

# Increasing Investment in Managing Infrastructure

The Importance of High-Accuracy Location



ASSET MANAGEMENT

DIGITAL SUBMISSION

REAL-TIME MONITORING

FIELD CAPABILITIES

REALITY CAPTURE

SYSTEM INTEGRATION

*Connecting Engineering, Governments and Infrastructure Companies. . .*

# Expectations are Changing

Evolving from “Data Provider” to “Geospatial Services”



Relevant

Contributing to  
organizational objectives



Responsive

Actively engaging other  
agencies & stakeholders



Authoritative

Producing quality, safe,  
trusted, timely information

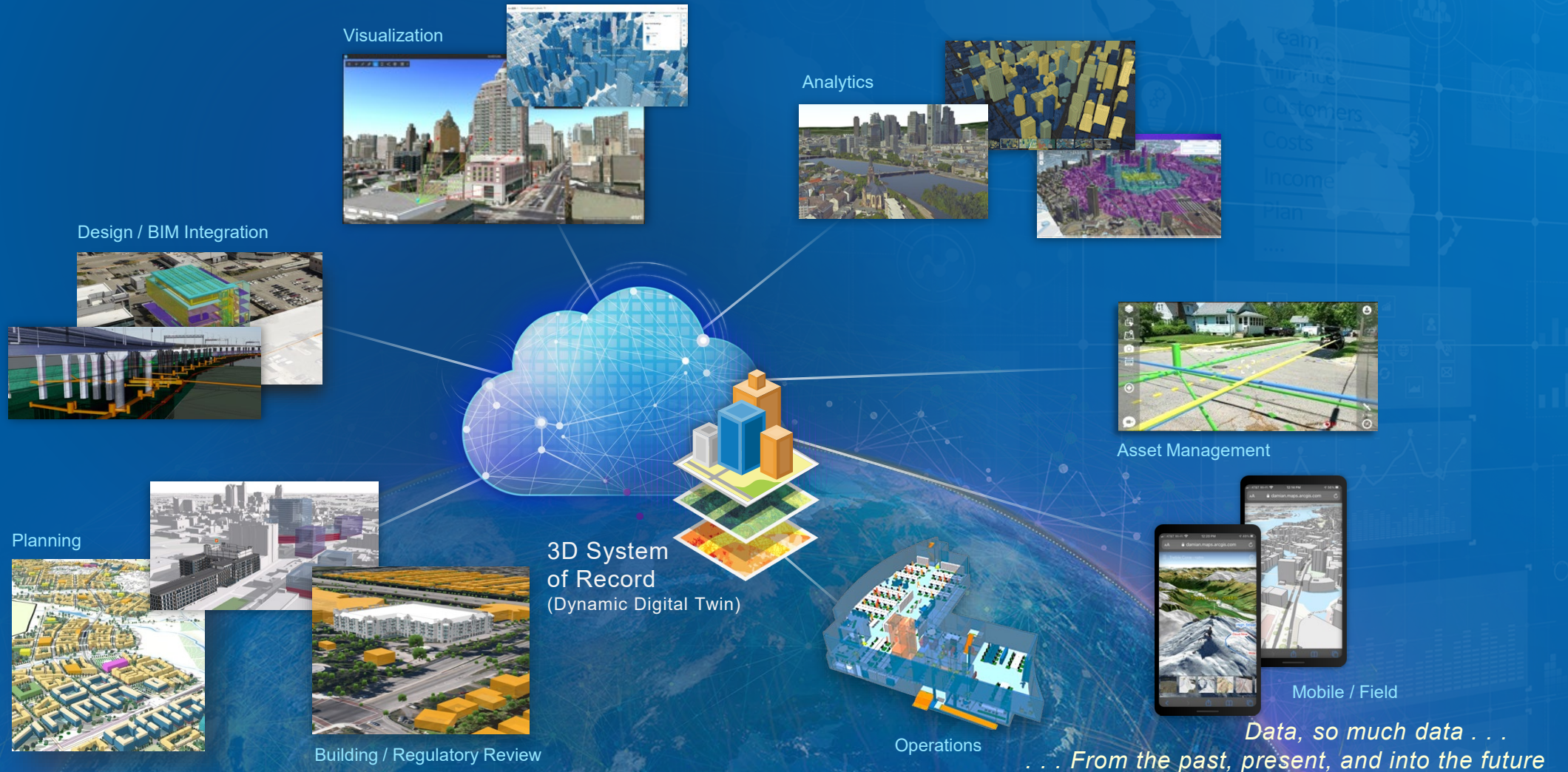


Efficient

Accelerating people,  
processes & technology

# GIS and the Modernized NSRS

Implementation challenges....



# GIS

... and the modernized NSRS

Are Powerful Means for ...

Creating Highly Accurate GIS ...

Performing Complex Functions...

Achieving Cost Savings...

Connecting People and Processes

Providing ...

... A Foundation for Positive Action

