

# Construction Data Visualization Extension

## An Appia + Esri ArcGIS Solution

Infotech® and Esri have teamed up to offer a comprehensive solution for geo-enabling your construction project data. Enable the Appia® + Esri integration and sync near-time ArcGIS data with dynamic ArcGIS dashboards to support insight-driven decision making.



*Organizations leverage this integration to eliminate project silos, extract insights, and bring accurate construction data into the planning and asset management.*

## Build a Better Foundation for Mapping & Analysis

Leverage the Construction Data Visualization integration to add the following to your toolbox:

- + Public dashboards that provide transparency on dollars spent and progress made
- + Private dashboards for team collaboration and information sharing
- + Asset location information required for digital twin and smart city technology
- + Near-time data updates from field activities
- + Data analysis from combined sources to support asset management

“Combining Infotech data and systems with the analytical and visualization capabilities of Esri will provide our customers with new levels of insight throughout the project lifecycle.”

TERRY BILLS, GLOBAL TRANSPORTATION INDUSTRY DIRECTOR, ESRI

## How It Works

To use the Esri + Appia integration, simply connect ArcGIS to the Appia service through an authentication process. This connection will allow project item progress and data to be displayed on interactive maps and dashboards.



### CONNECT

- + Appia and the Owner's Esri account
- + Aggregation and display capabilities



### COLLECT & RECORD

- + Manage project progress in Appia
- + Capture precise geometry and spatial information via a rover
- + Translate captured field data to inspector daily report



### VISUALIZE

- + Display construction project data in Esri dashboards
- + Scale dashboards for single municipality or multiple municipalities to view countywide or statewide data
- + See an executive level overview of construction portfolio

→ Scan the QR code to learn more

