

"..connecting any device with an on and off switch to the Internet.."

Jacob Morgan, Forbes 2014

30

billion things by 2020

Design

Connect

Filter

Alert

Store

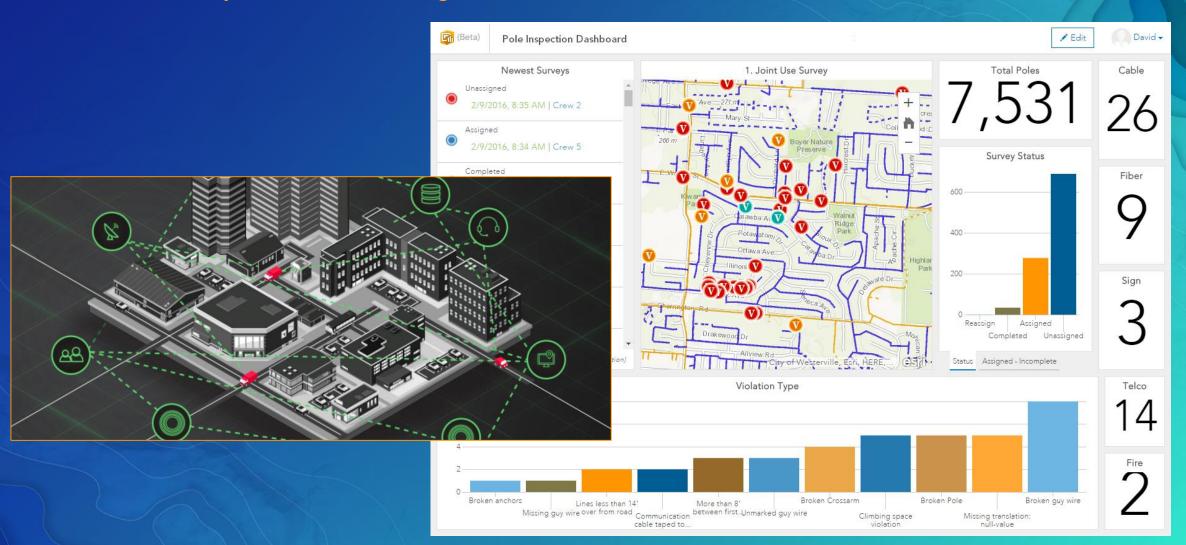
Analyze

with

ArcGIS

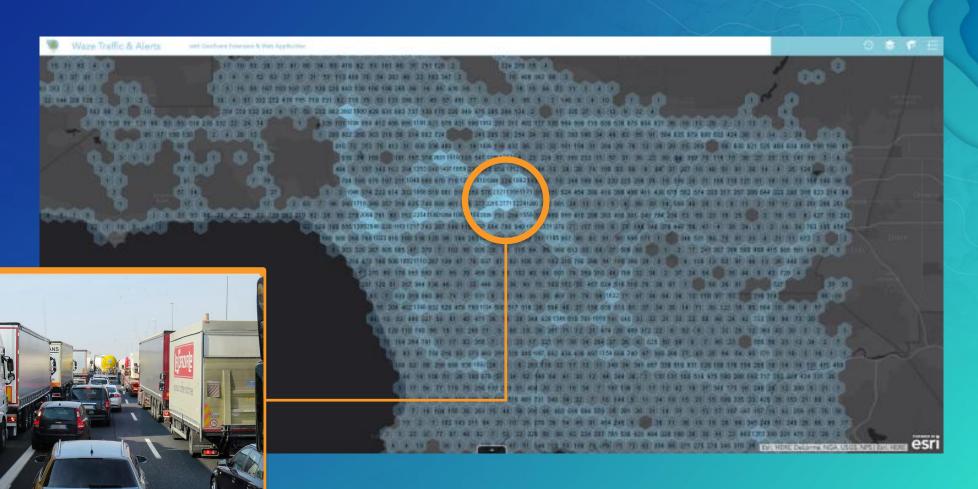
Design

Your Community for the Internet of Things



Esri & Waze

Connect Esri's Real-Time GIS with Waze Data Feed



Real-Time GIS

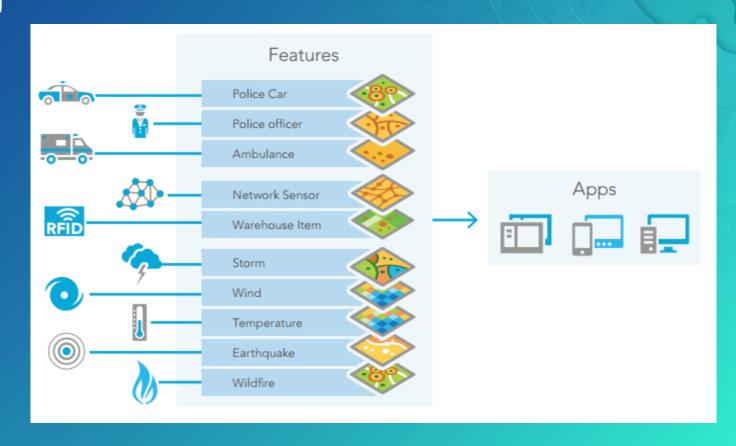
Your Gateway to the Internet of Things

Real-time GIS is for working with the continuous stream of events flowing from IoT sensors or data feeds.

The latest measured state, including

- Position
- Temperature
- Concentration
- Pressure
- Voltage
- Water level
- Altitude
- Speed
- Distance
- Direction

Any data flowing from devices & sensors



Connect

To Data Feeds from Devices & Sensors







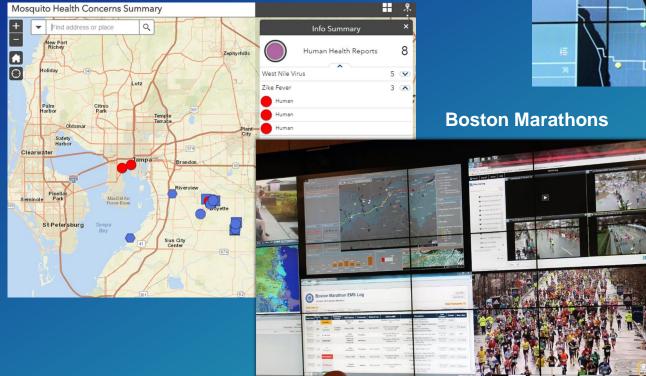




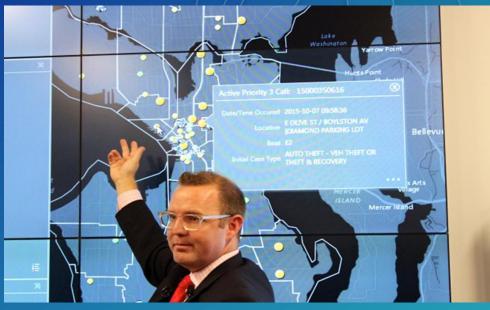
Government

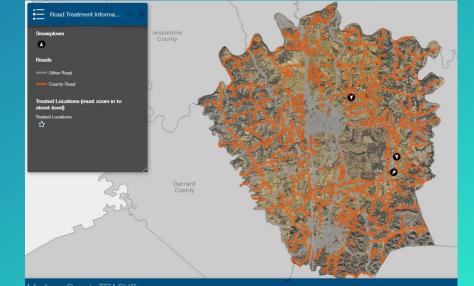
Uses Real-Time GIS for Operational Awareness & Faster Response

Hillsborough County



Seattle Police Department





Madison County

Filter

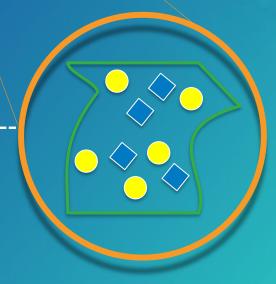
IoT Data to Focus on What's Important





Devices & Sensors



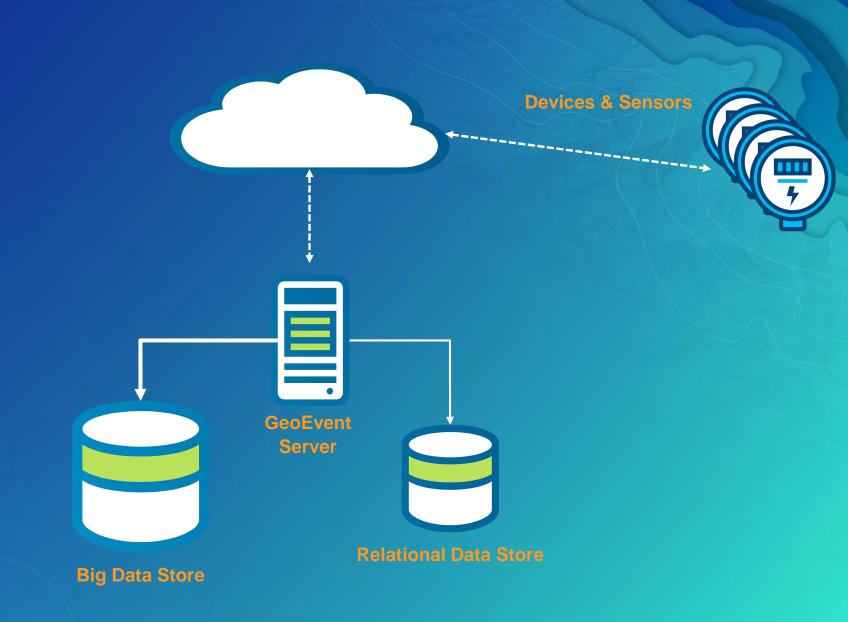


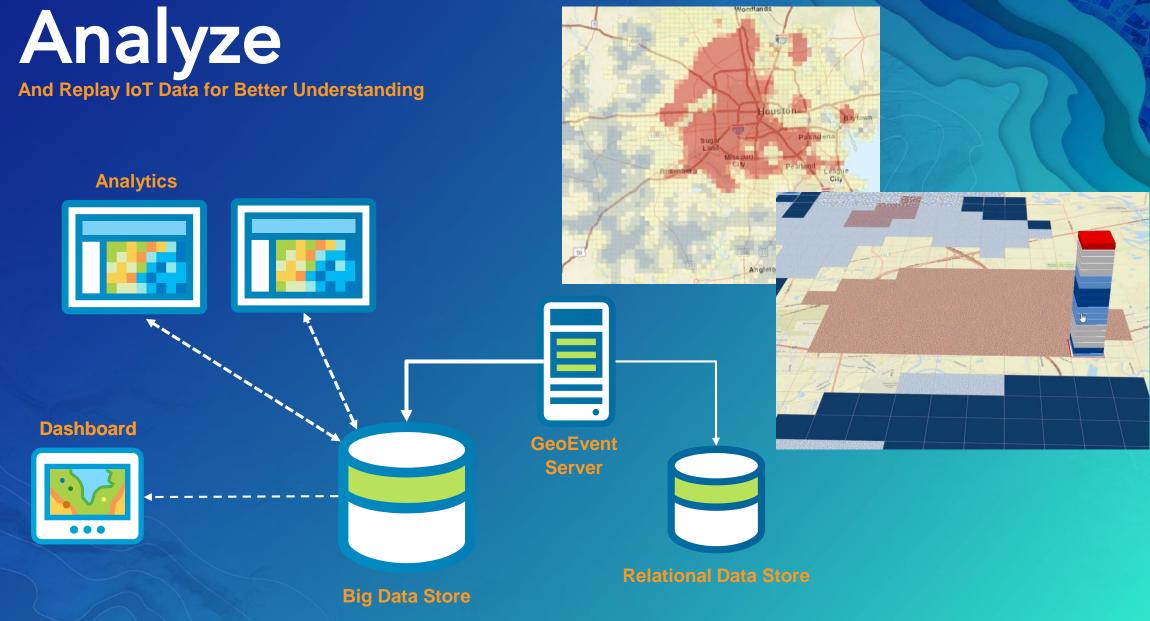
Alert

And Notify People & Things Devices & Sensors Dashboard Maps Mobile 411 **Operations Center GeoEvent Analysts** Server

Store

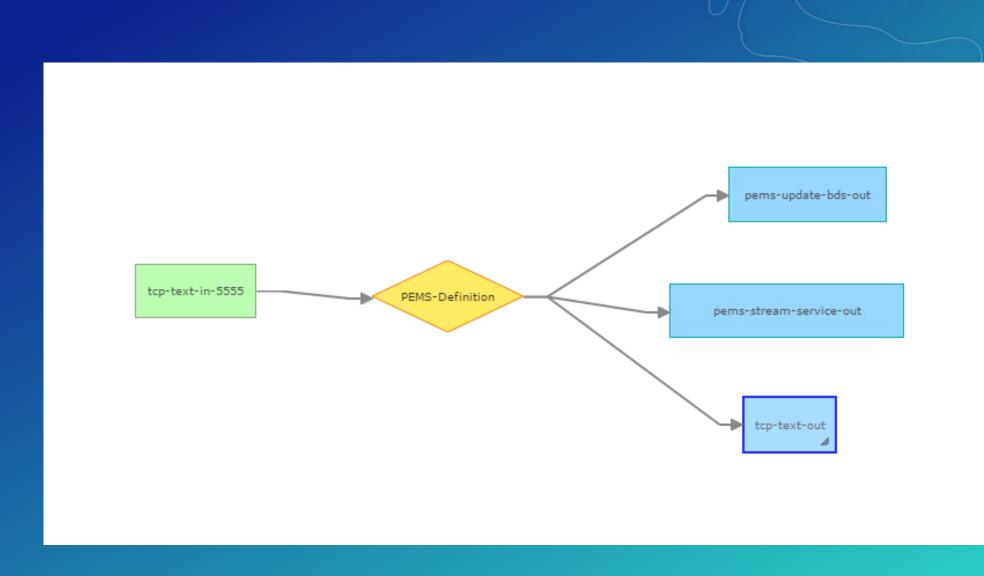
IoT Data for Fast Access

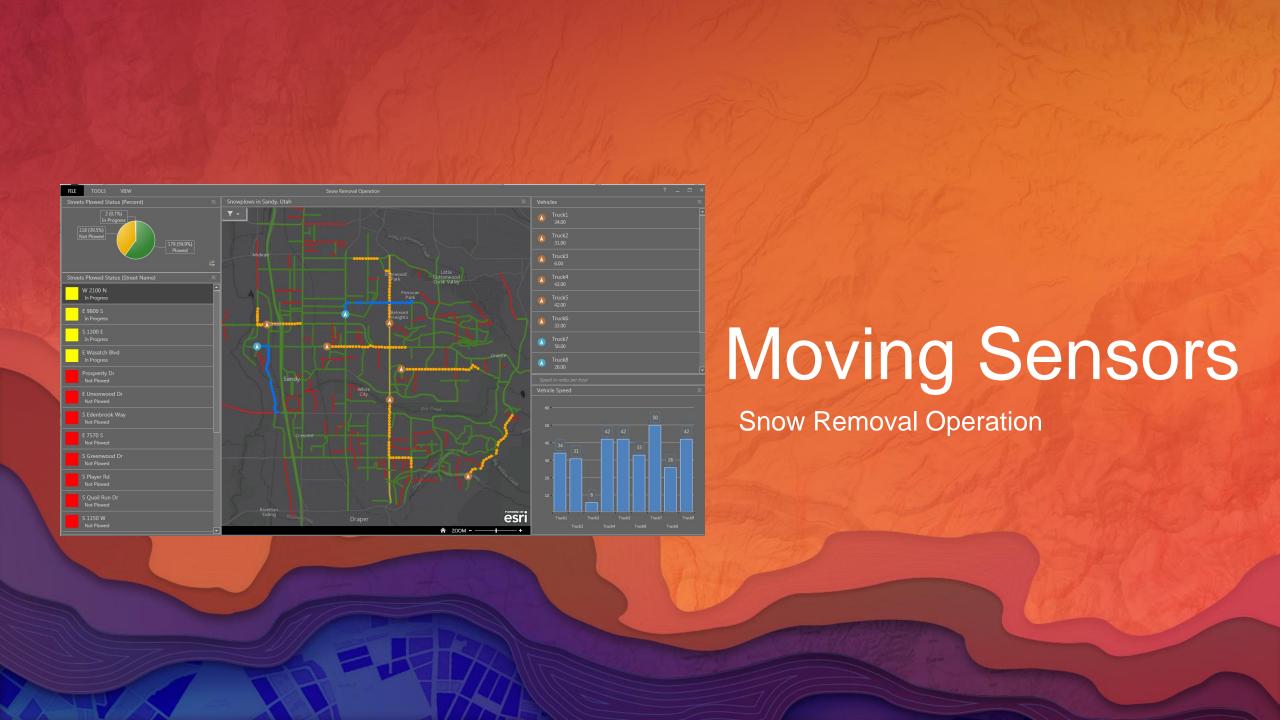


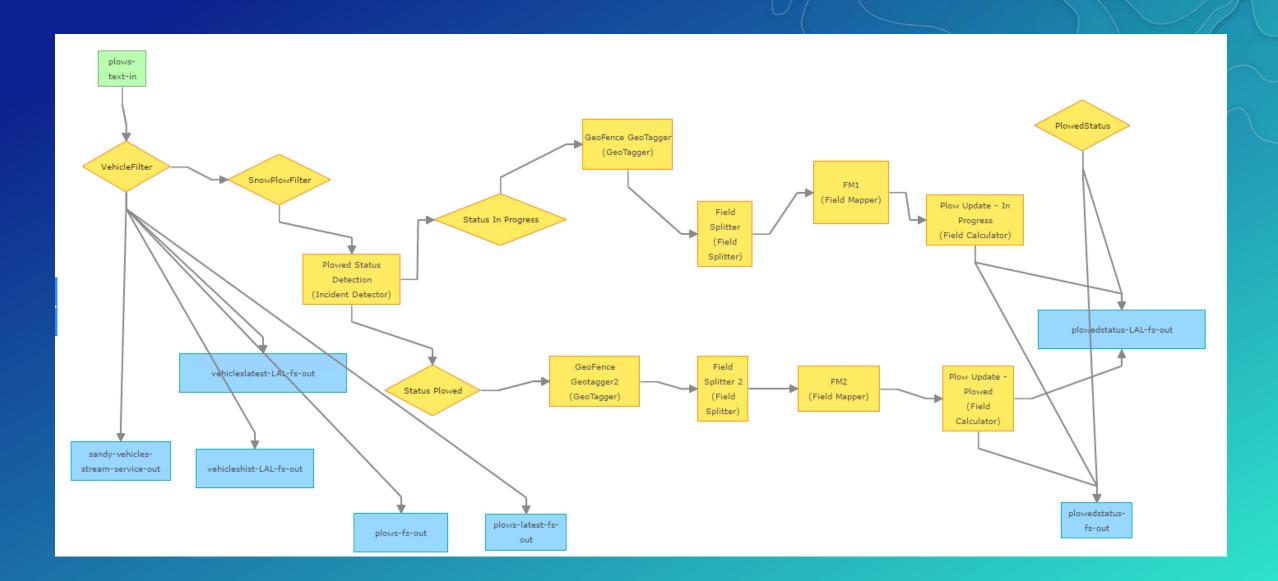












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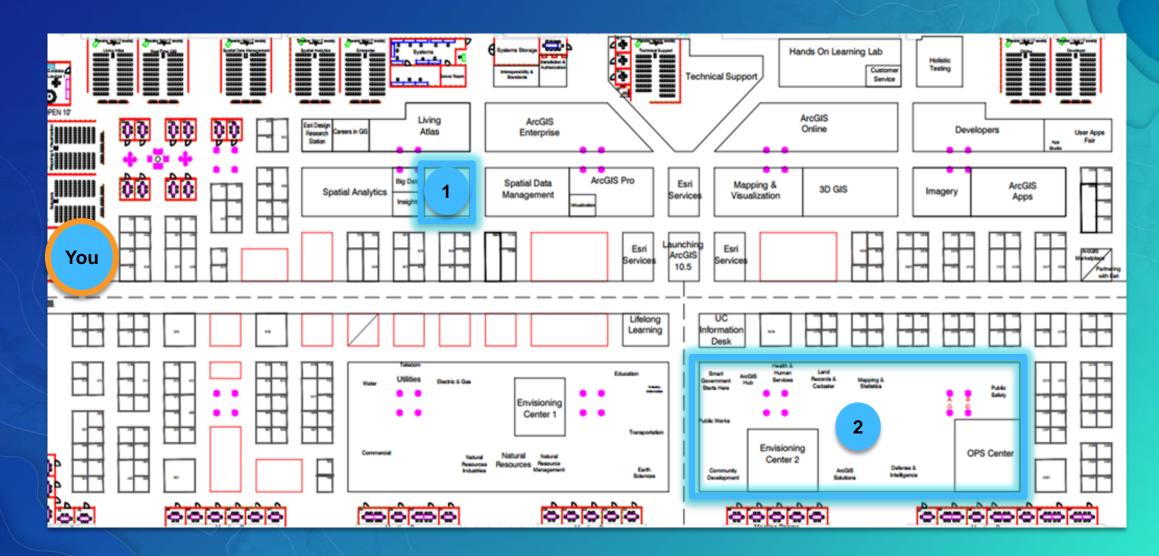
with

ArcGIS

Resources

For IoT and Real-Time GIS

- Real-Time GIS Area
- 2. Government Area



Session Highlights

Tuesday

Session Room Time **ArcGIS GeoEvent Server:** Room An Introduction 10 Real-Time & Big Data: Room 10:15 15 A Leveraging the **Spatiotemporal Big Data** Store **ArcGIS GeoEvent Server:** Room **Applying Real-Time** 17 B 1:30 **Analytics**

Wednesday

Time	Session	Room
3:15	ArcGIS GeoEvent Server: Leveraging Stream Services	Room 14 B
	Real-Time & Big Data GIS at Massive Scale	Room 03

Esri Events App



Thursday

Time	Session	Room
10:15	ArcGIS GeoEvent Server: Best Practices	Room 09
	ArcGIS GeoEvent Server: Internet of Things (IoT)	Room 14 B
1:30	ArcGIS GeoEvent Server: An Introduction	Hilton Sapphire I
	Real-Time & Big Data: Leveraging the Spatiotemporal Big Data Store	Room 15 A
3:15	ArcGIS GeoEvent Server: Applying Real-Time Analytics	Room 14 A



