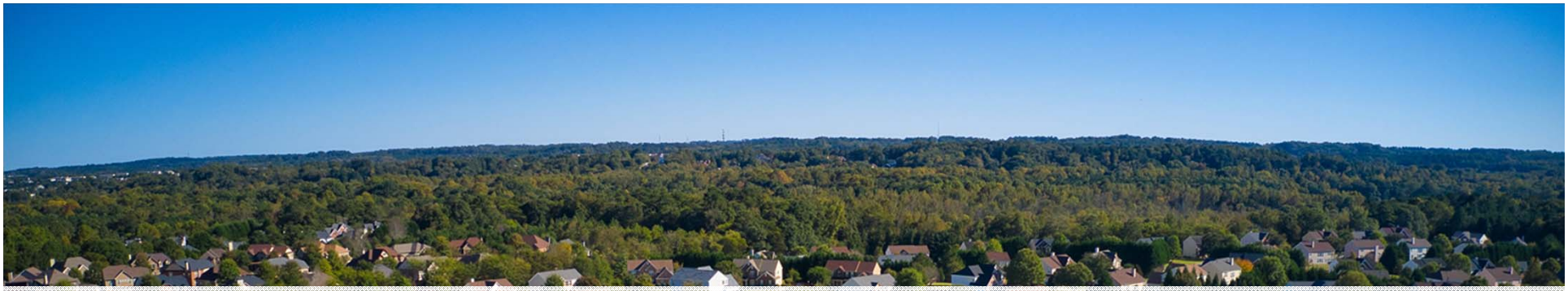

# Empowering Communities & Engaging Citizens through GIS-centric Software

## Craig J. Dixon

Senior Account Executive

20 years with Tyler

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**Craig Dixon**

Senior Account Executive

20 Years

**Matt Kesler**

Senior Solutions Consultant

11 Years

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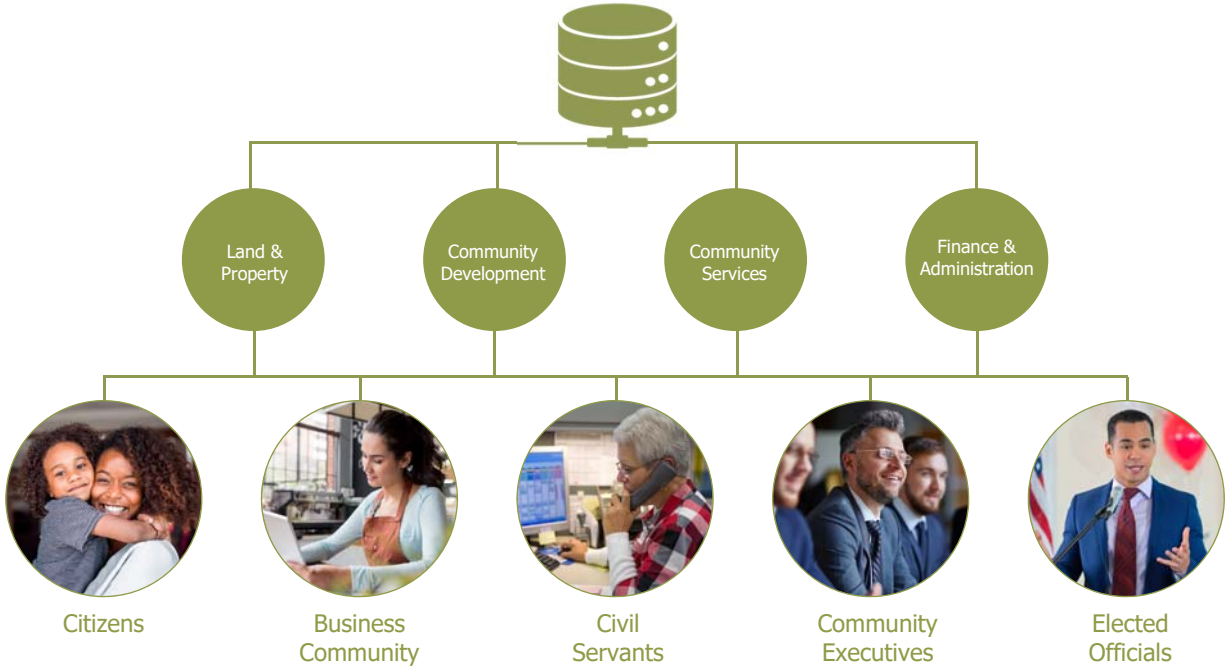
# Constituents think the community's information flows in an orderly way…

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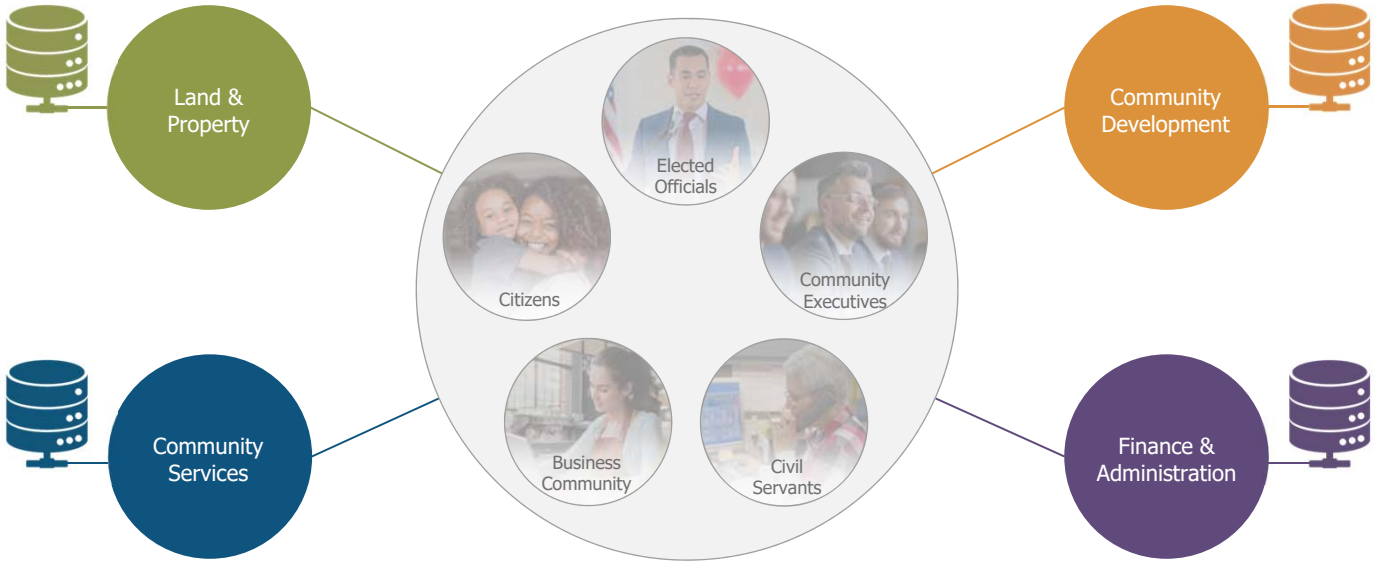
# But typically, each agency operates multiple information silos

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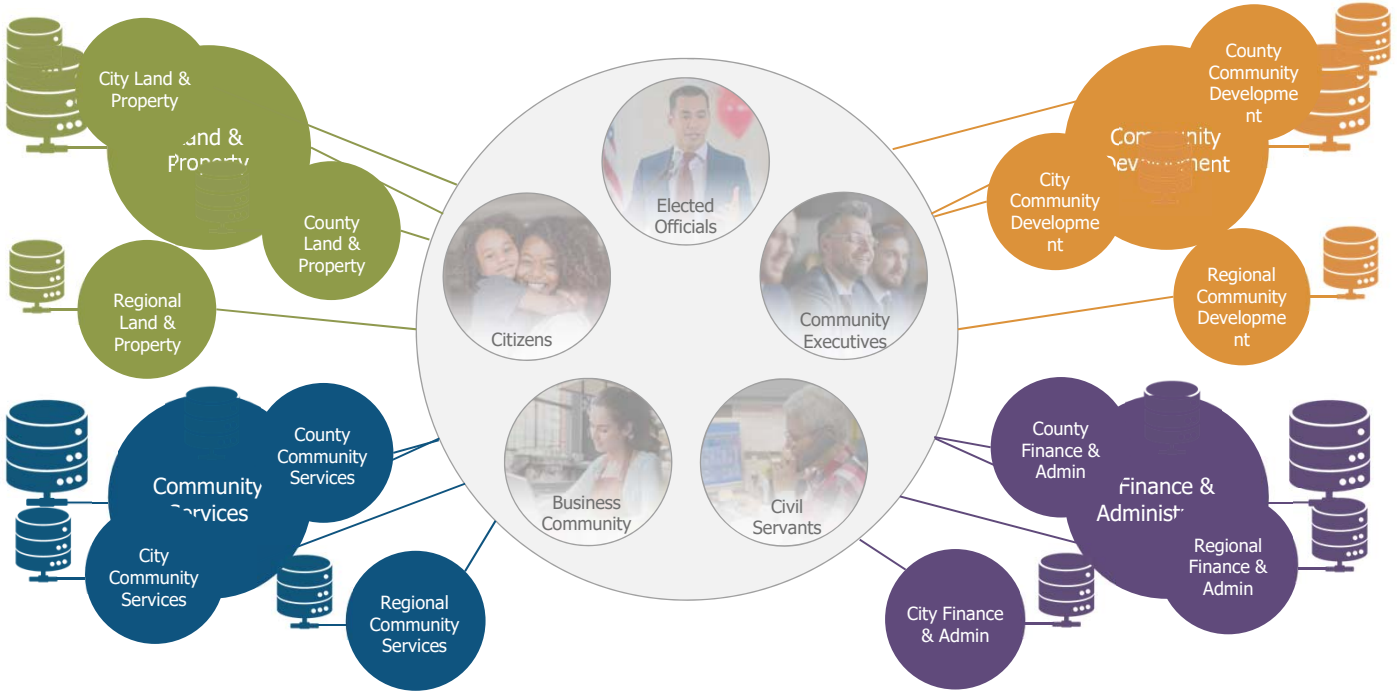
# With the complexity increasing dramatically when you consider all departments & regional agencies

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# Behind the scenes, it’s complex and fragmented

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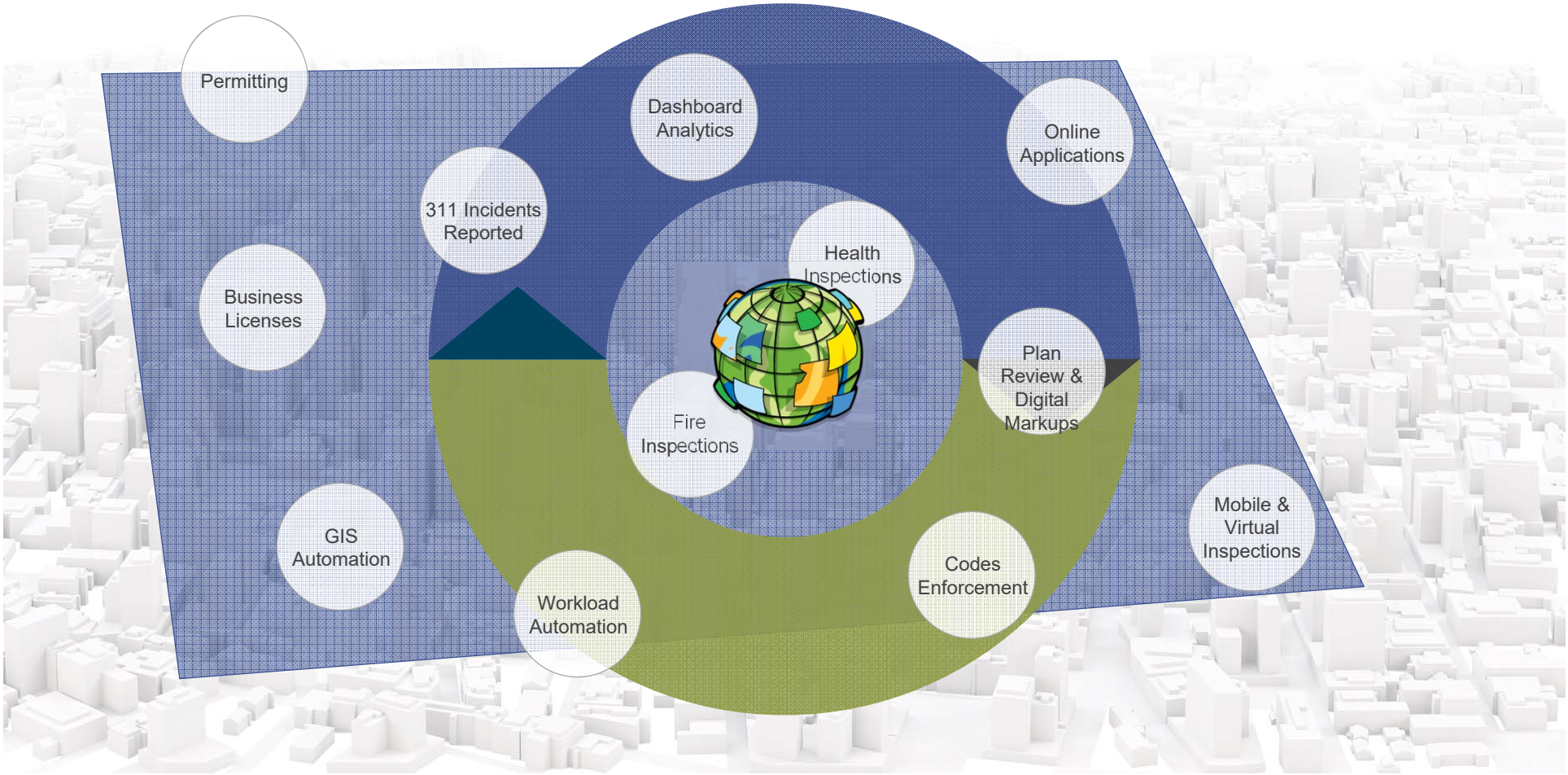
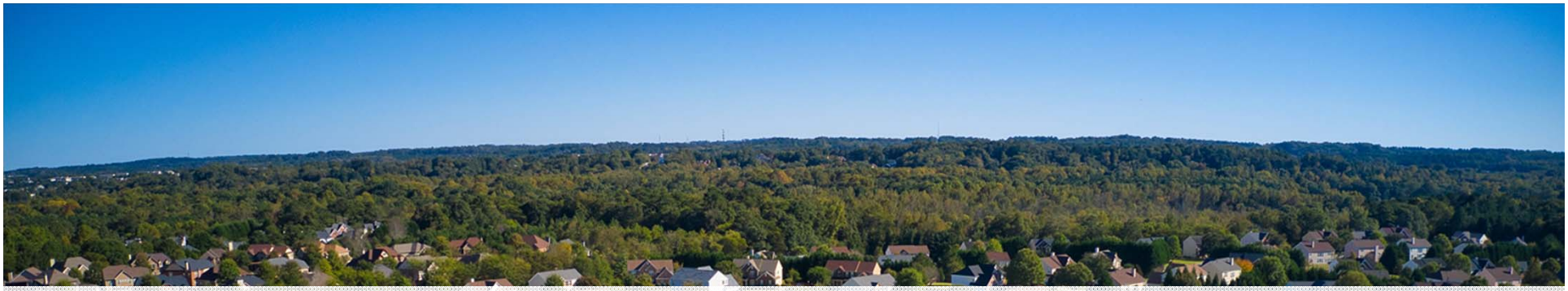
# Connecting communities through **digital collaboration**





# Empowering Communities & Engaging Citizens through GIS-centric Software

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# Trusted Partner

Tyler is the **largest software provider** solely focused on the public sector and a **trusted partner** to local, state, and federal government agencies.

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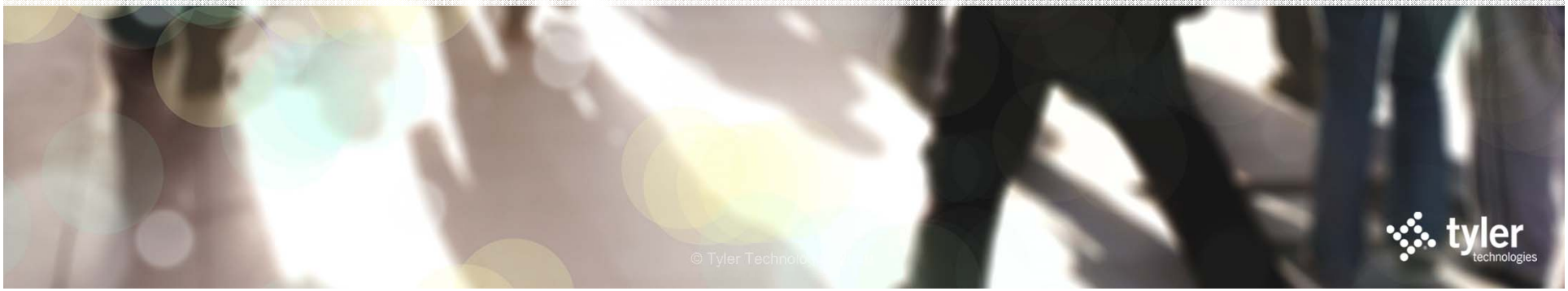
Tyler is exclusively focused on providing software and services to federal, state, and local governments and schools, **empowering our clients to build safer, smarter, and more vibrant communities**



**21,000 installs**

spanning all 50 U.S. states, Canada, the Caribbean, Bermuda, Australia, and other international locations

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# SOLUTIONS THAT EMPOWER ALL AREAS OF GOVERNMENT OPERATIONS

Public Works / Building Control

Courts & Public Safety

Finance & ERP

Tax Appraisal & Assessment

Enterprise Payments

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We understand
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Citizens expect government agencies to be **using all available data tools** to keep their community safe, clean, and efficient
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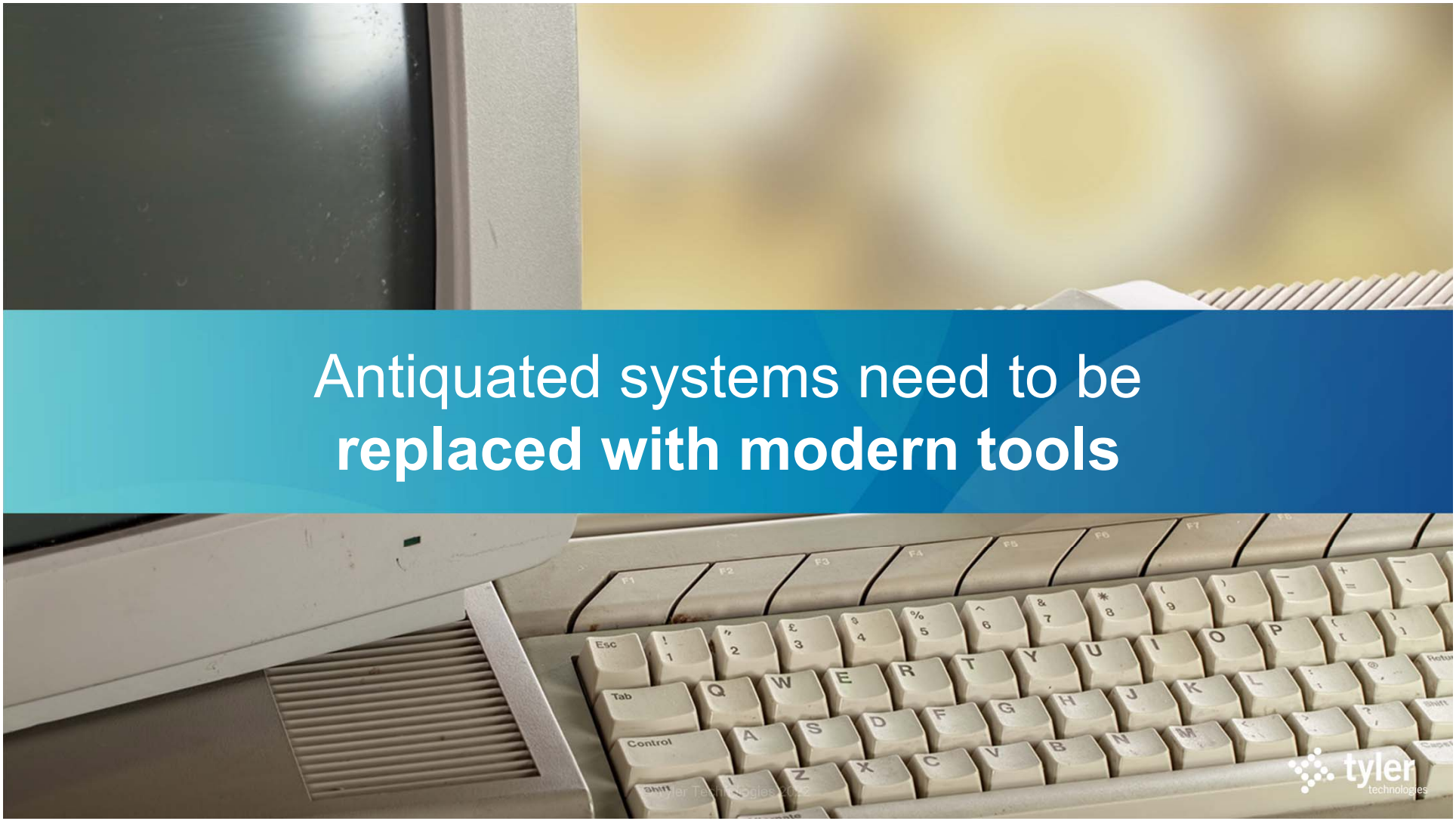
Antiquated systems need to be
**replaced with modern tools**
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Our clients expect that the most **current technology and intelligent GIS data** is integrated into the software

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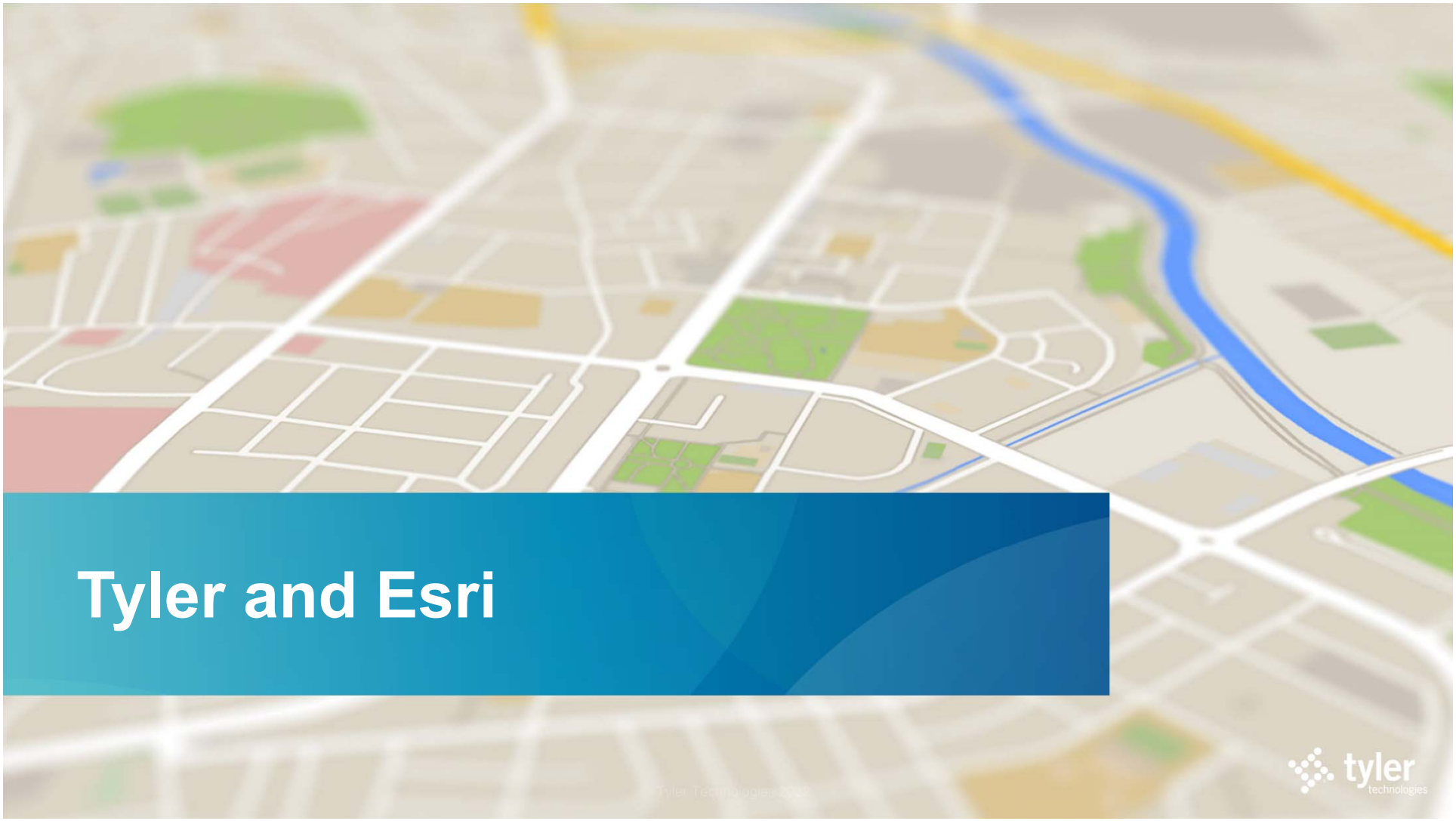
Tyler and Esri

# Best Practices with GIS & Software

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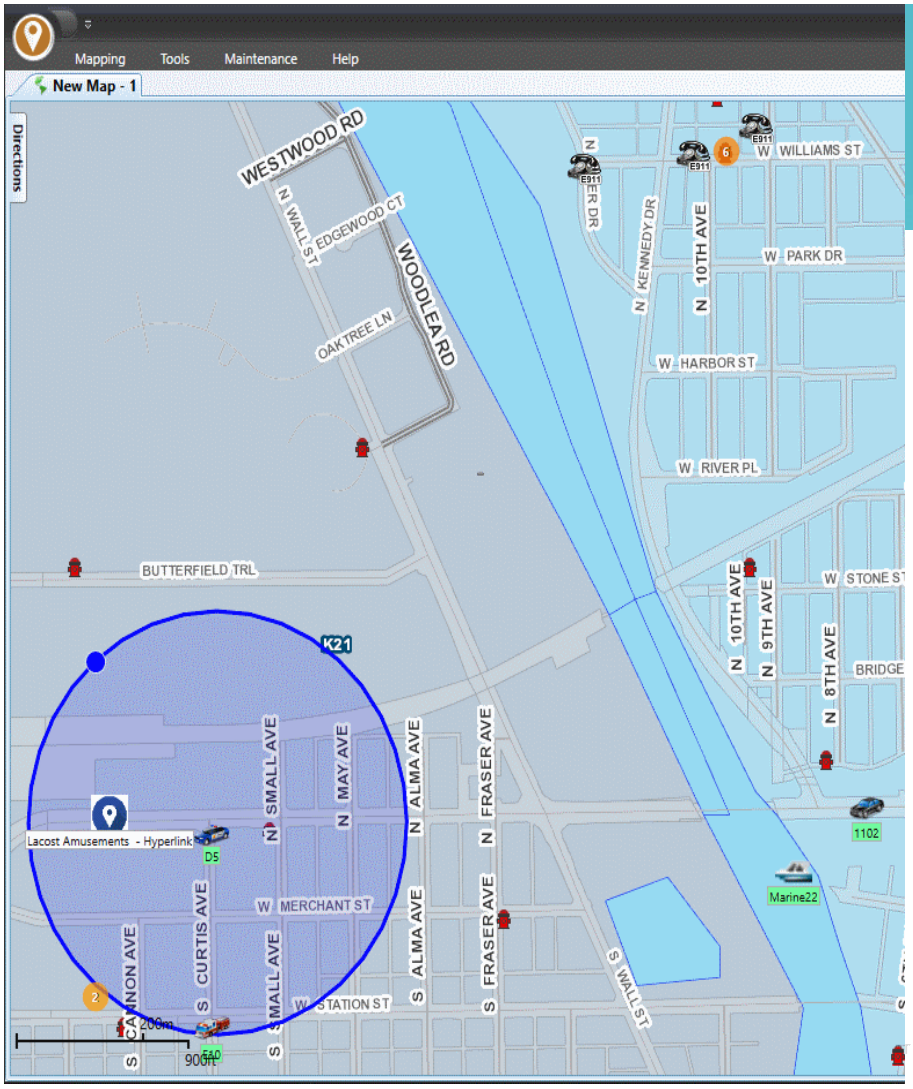


# Enterprise Public Safety

Benefits of integrated Esri mapping

Dynamic ETAs with true **situational awareness** based on travel time, road systems, and real-world routing factors.

**Geo-fencing** capabilities provide dynamic updating ETAs for responding units and automatic notifications to dispatch when units arrive on scene.

Access to **external data services** like traffic cameras, sensors, alarms, video, demographic data, and more.

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# Enterprise Assessment & Tax

Benefits of integrated Esri mapping

Views of property attributes including CAMA and spatial data, aerial images, sketches, and property photos

CAMA data is displayed in real-time on thematic map layers and event-based conditions that show the location of events such as permits, sales, and appeals

Users interactively select one or more parcels, and then view their GIS feature and CAMA data attributes or execute actions against the selection

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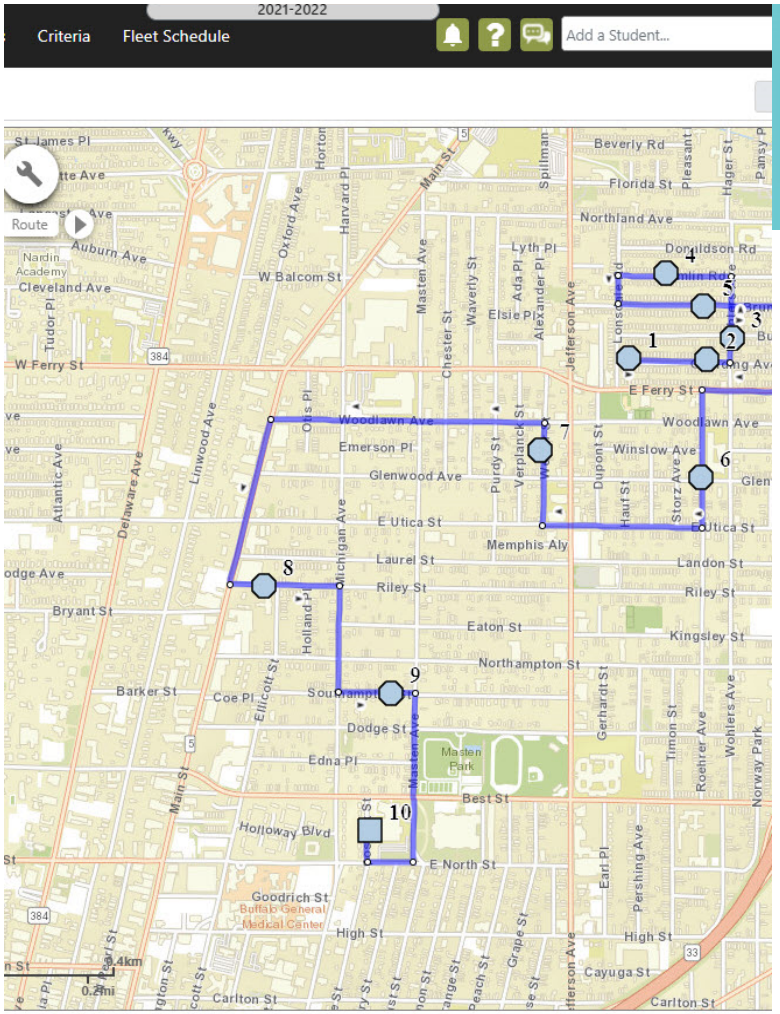


# Student Transportation

Benefits of integrated Esri mapping

Dynamic and precise routing, that can be optimized and updated instantaneously

AVL enabled technology to track and manage fleet maintenance

Geo-fencing capabilities provide dynamic updates on ETAs

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# Enterprise Asset Management

Benefits of integrated Esri mapping

Live/real-time GIS data available within the solution

Data Sync keeps textual details and spatial details aligned between applications

Asset Creation, Asset Management, Work Order Schedule, Work Order Execution and Work Order Analytics are based off GIS map

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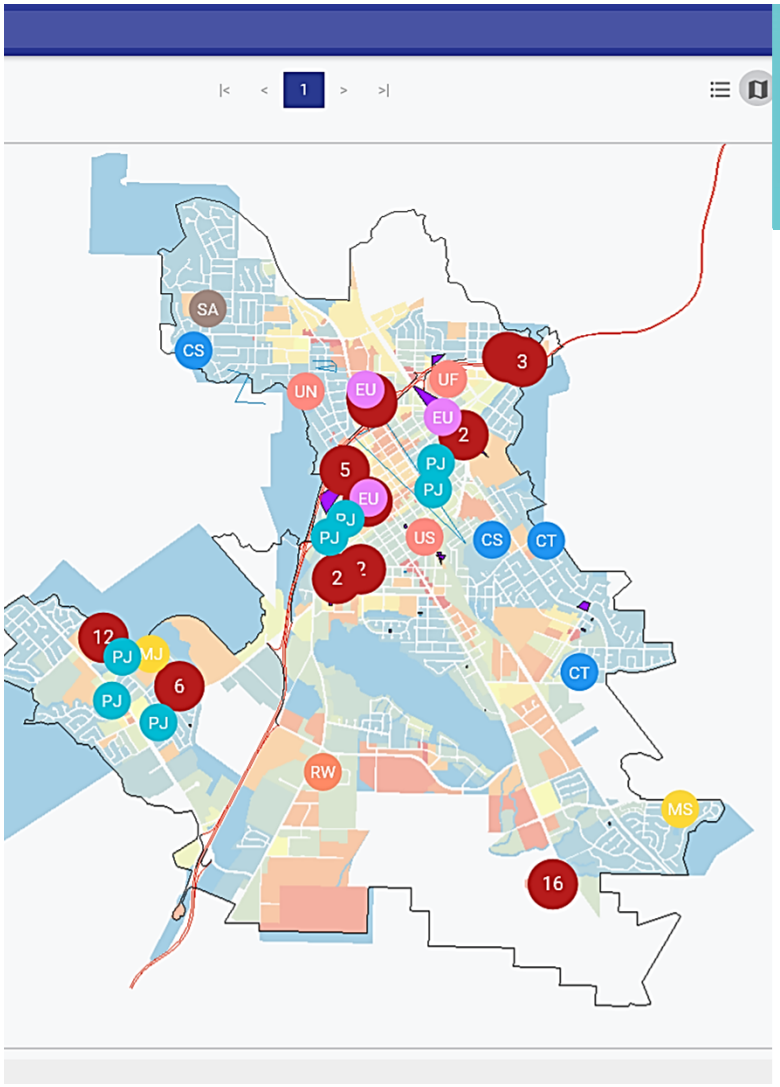


# Enterprise Permitting & Licensing

Benefits of integrated Esri mapping

Construction tied to a parcel or spatial feature/point

Live/real-time GIS data available within the solution

GIS Intelligence (GeoRules) - breaks down silos and provides automation

Data visualization analytics & insights

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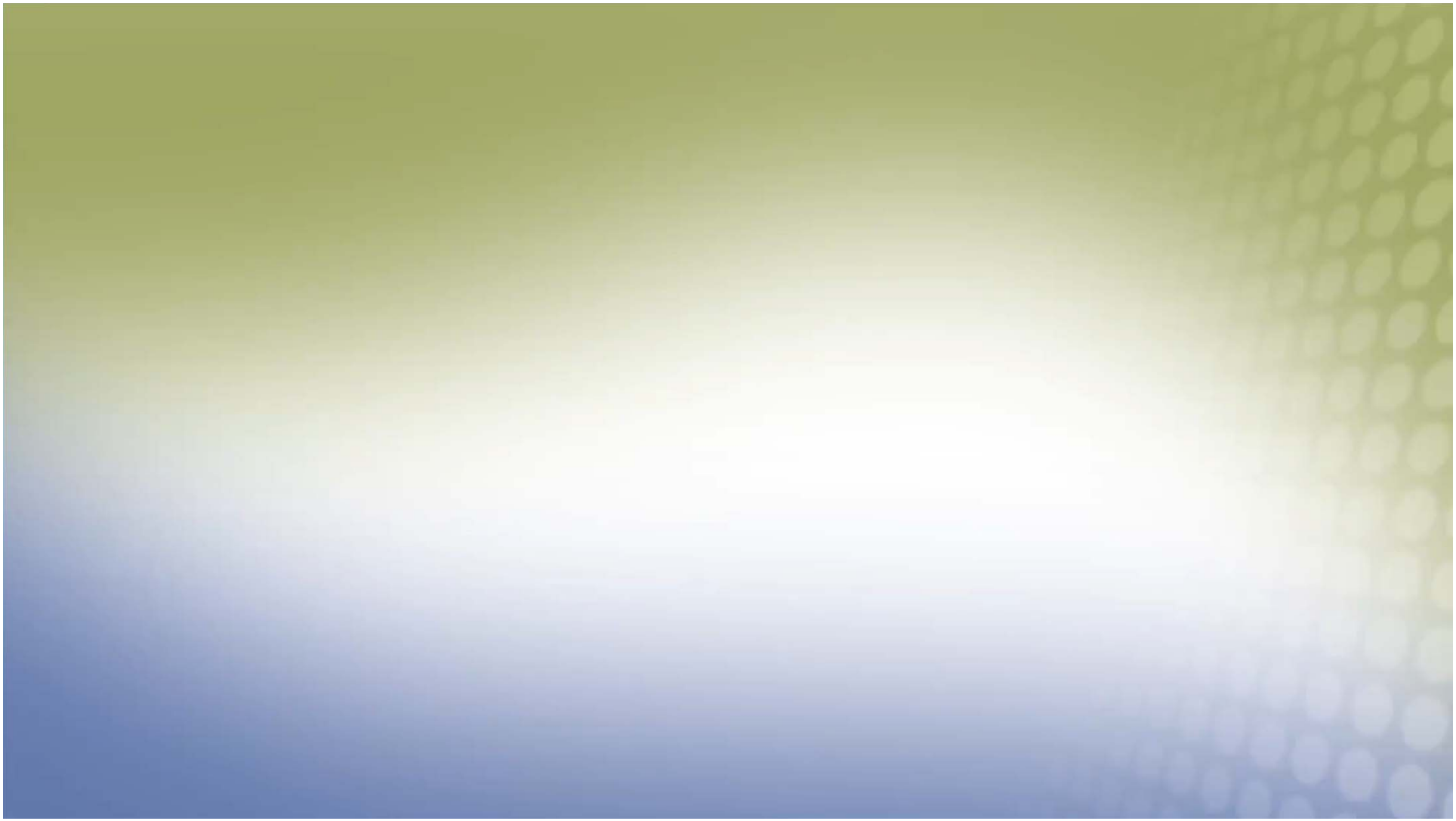

# Conclusion: **Connected** Communities

# What are **connected communities?**

Seamlessly connecting data, people, and processes, and allowing technology work behind-the-scenes to make government and schools work better, so every community and its citizens thrive

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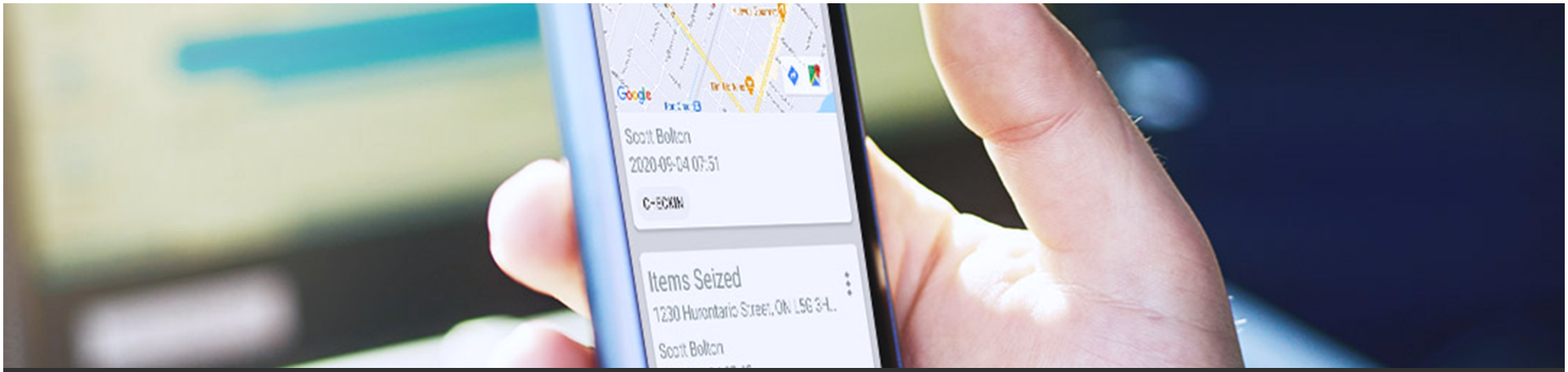


# Shared Data

Cloud-based data, shared across multiple departments and jurisdictions, facilitates collaboration, communication, and accurate decision-making

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# Connected Apps

Citizens can access data from a constituent portal that pulls information from multiple community agencies, allowing easy access to information

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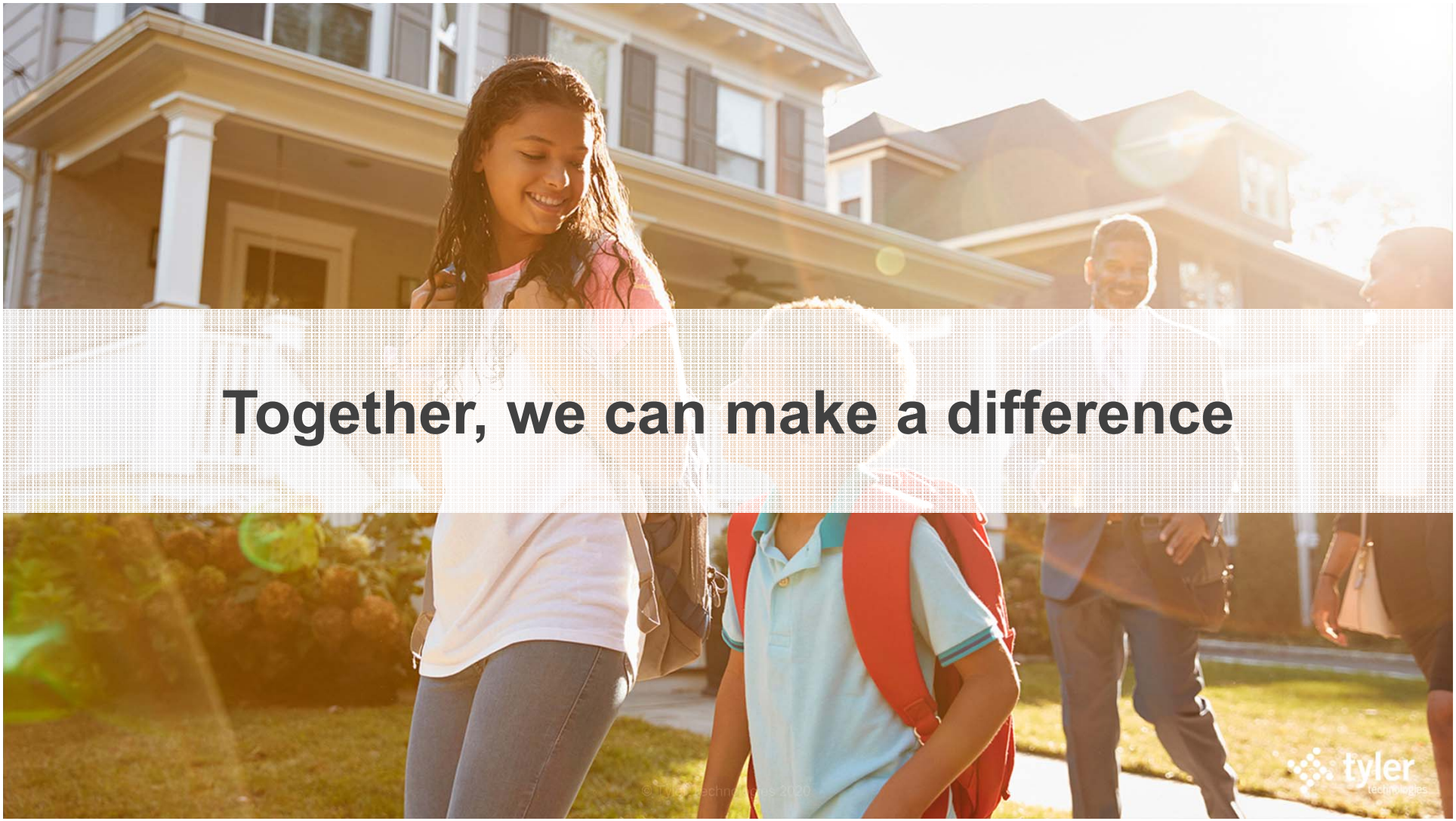
Together, we can make a difference
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Empowering people who serve the public®

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