

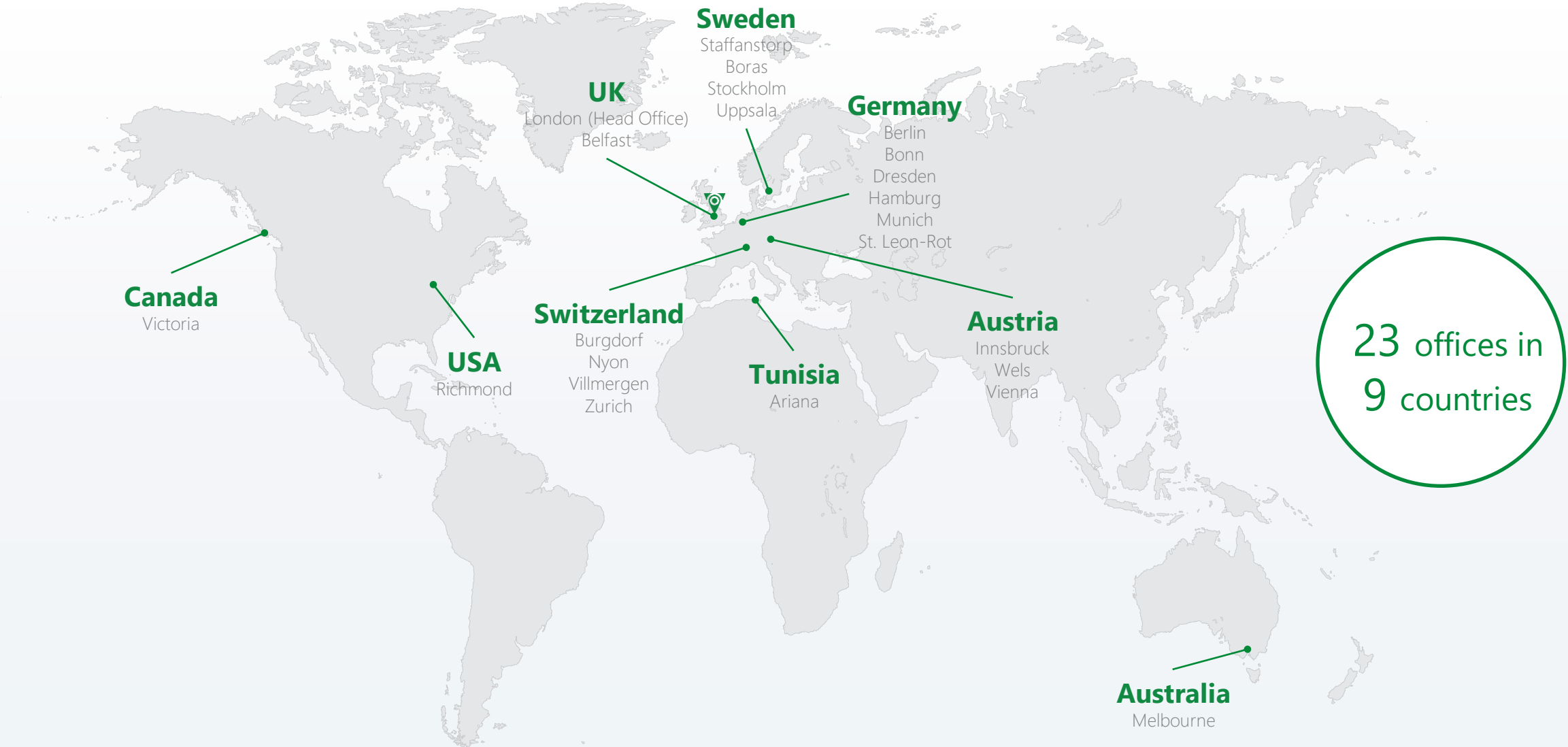
VertiGIS™

Put ArcGIS® Utility Network into Action with VertiGIS Networks

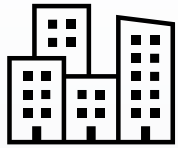
Presented by Scott Stafford-Veale
April 2024



VertiGIS Offices



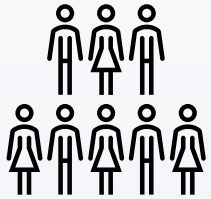
VertiGIS: Fast Facts



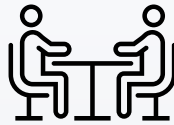
23
offices worldwide



50+
countries served



~600
employees



85+
partners



5500+
customers



Millions
of end-users



ArcGIS Marketplace
Provider



ArcGIS System Ready
Specialty



State and Local
Government
Specialty



Utility Network Specialty
Water Utilities Services



Utility Network Specialty
Gas Utilities Services



Utility Network Specialty
Electric Utilities Services

VertiGIS™ Solutions



Public Sector



Utilities & Energy



Telecommunications



Manufacturing

Verti**GIS** Studio™

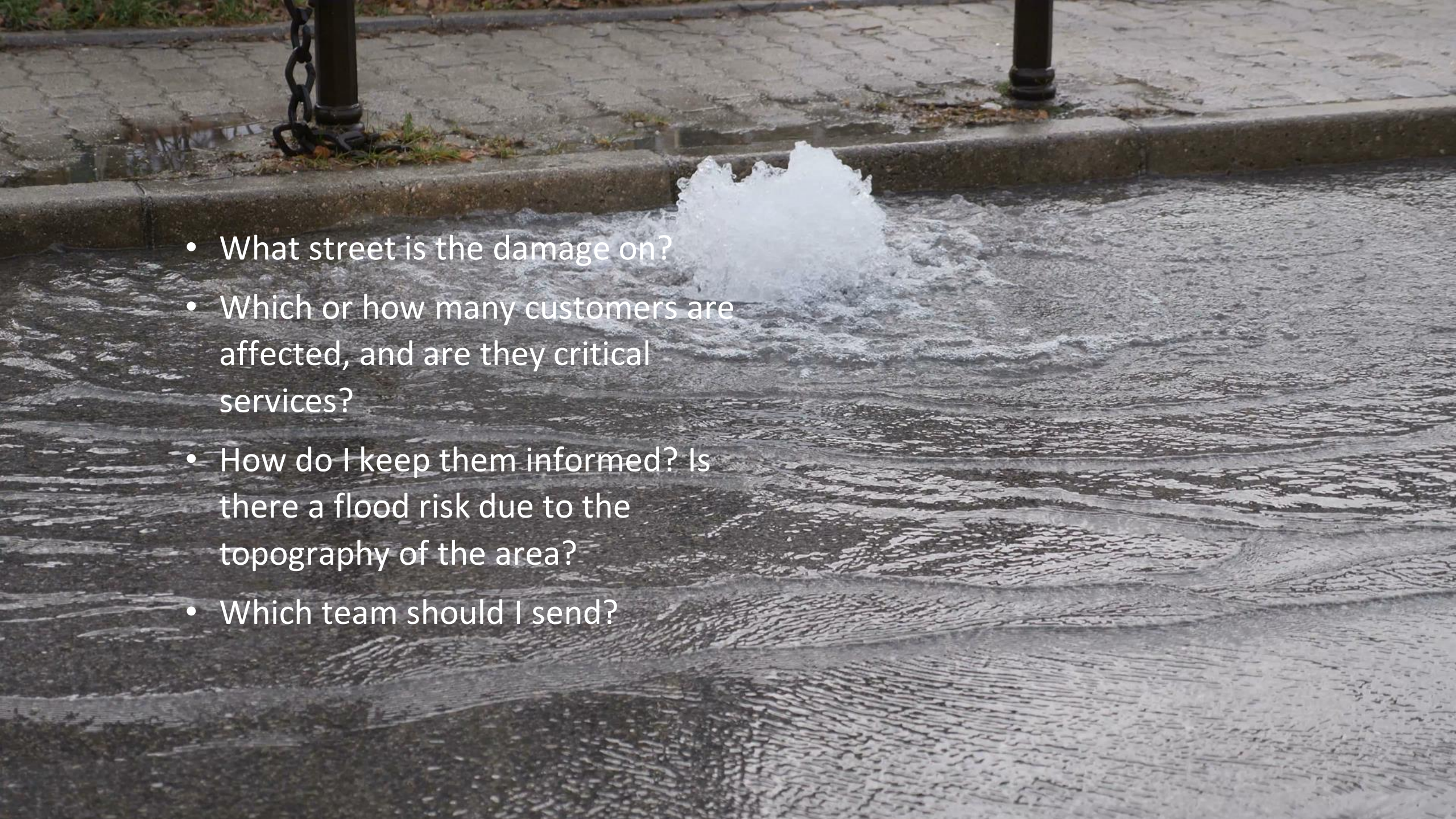
VertiGIS Studio™ enables *rapid* app development



A photograph of a water treatment plant interior, featuring large blue pumps, pipes, and yellow safety railings. The image is overlaid with a semi-transparent green filter. The text 'VertiGIS Networks™' is centered in white, with a small green horizontal line below it.

VertiGIS Networks™

Solutions for water network operators who plan, build,
document, analyze and maintain their network
infrastructure

- 
- A photograph of a street scene. In the center, a large splash of white water is erupting from a point on the road. The road surface is dark and wet, with ripples in the water. A concrete curb runs across the middle of the frame. To the left of the curb, a black metal post is visible, with a chain attached to it. The background shows a paved area with some small plants and a concrete curb.
- What street is the damage on?
 - Which or how many customers are affected, and are they critical services?
 - How do I keep them informed? Is there a flood risk due to the topography of the area?
 - Which team should I send?



LIMIT 25 TRUCK

NO TURN ON RED

NO BICYCLE RIDING ON SIDEWALK

Children's Store

923

921







ArcGIS Utility Network for Water Utilities

Powerful and practical water utility management

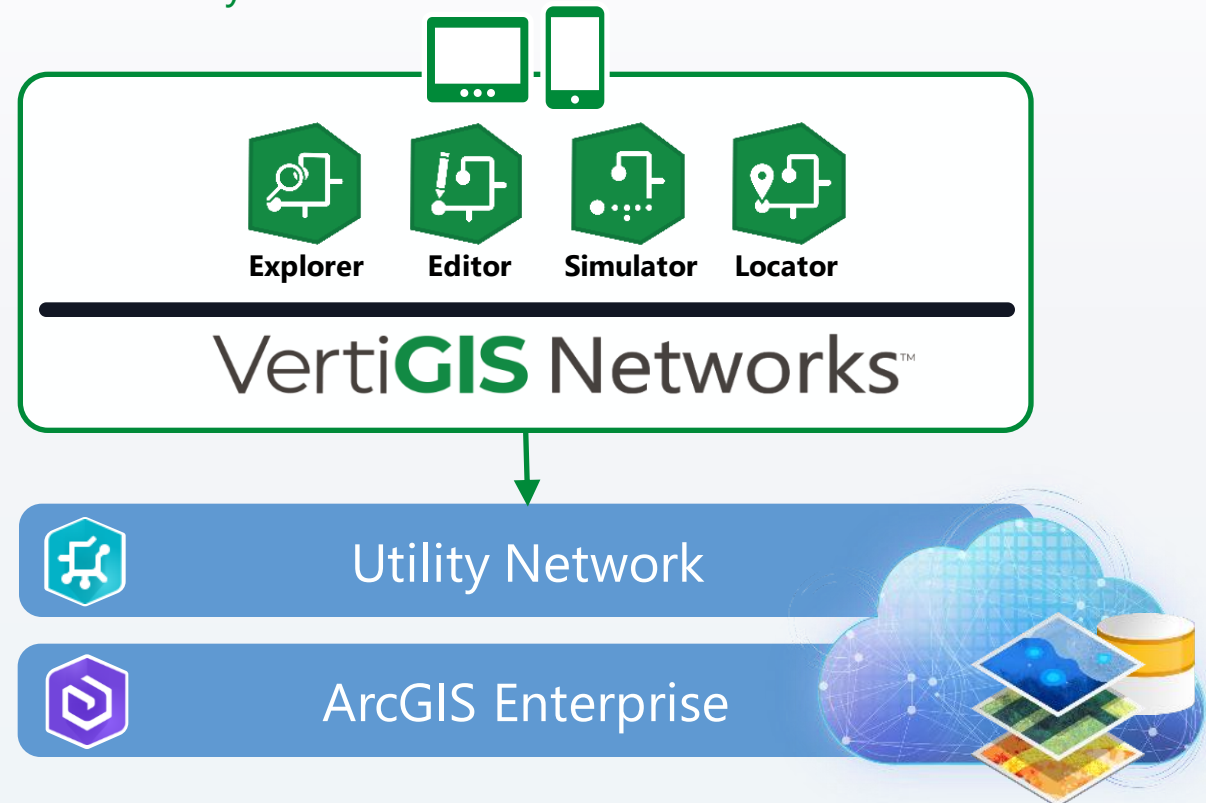
- ArcGIS & Utility Network provides the foundation for your **digital twin** - an accurate, digital representation of your water network
- Standardized **UN connectivity rules** to ensure the quality and integrity of your system of record
- UN works in a true enterprise environment with **web service-based** capabilities that can be shared by Water Utility organization's engineering, operations, communications, customer service & billing departments.



ArcGIS as a Foundational Layer for Water Utilities

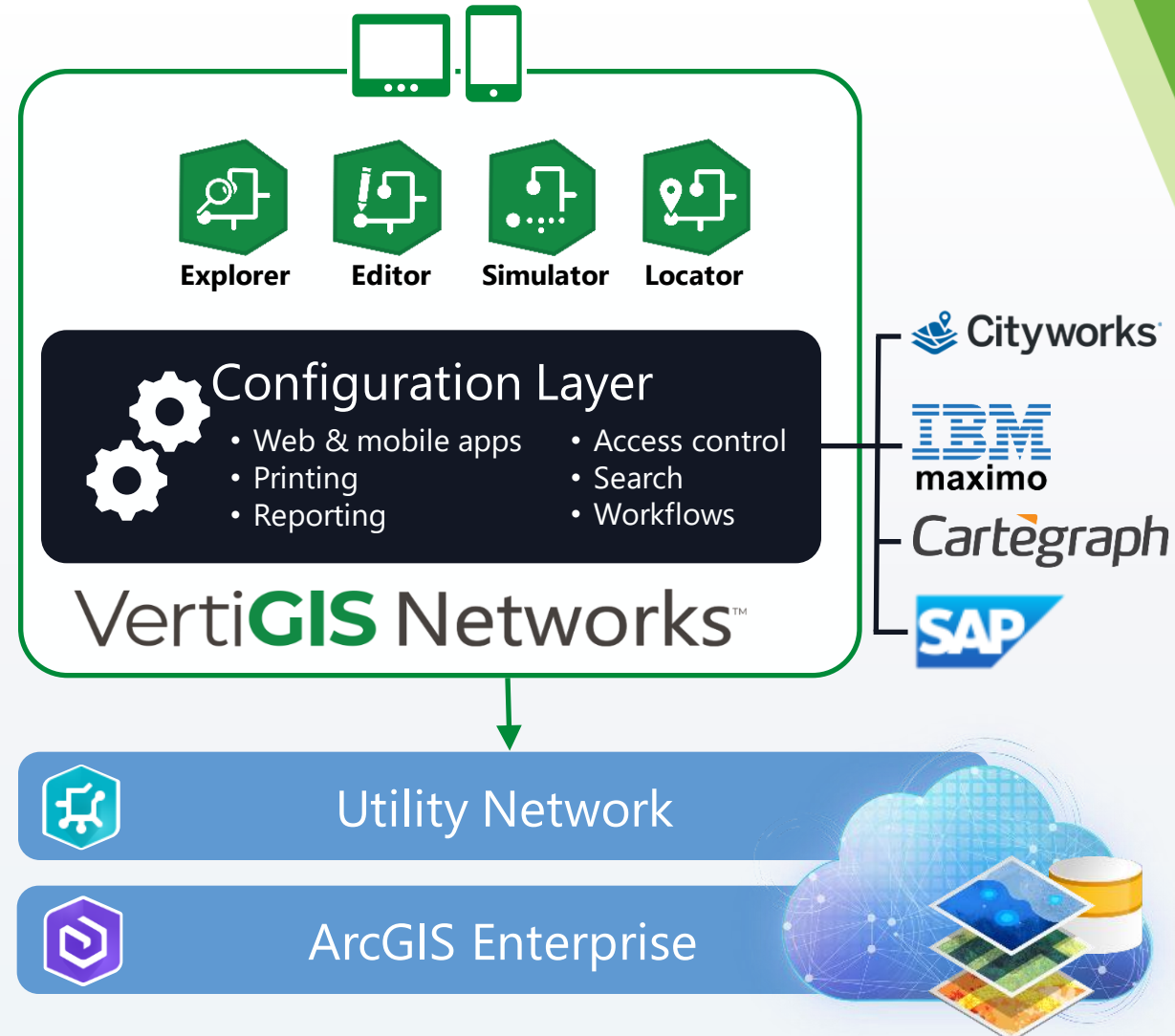
- **ArcGIS Enterprise** is the world's leading geospatial infrastructure.
- The **ArcGIS Utility Network** goes far beyond the previous generation Geometric Network by supplying rich data models, network topology rules and advanced capabilities in a web services architecture.
- **VertiGIS Networks** solutions consume these models, capabilities and web services to provide functionality for utility-specific use-cases.

VertiGIS Networks uses the models, rules and web-service enabled capabilities in the ArcGIS Utility Network.



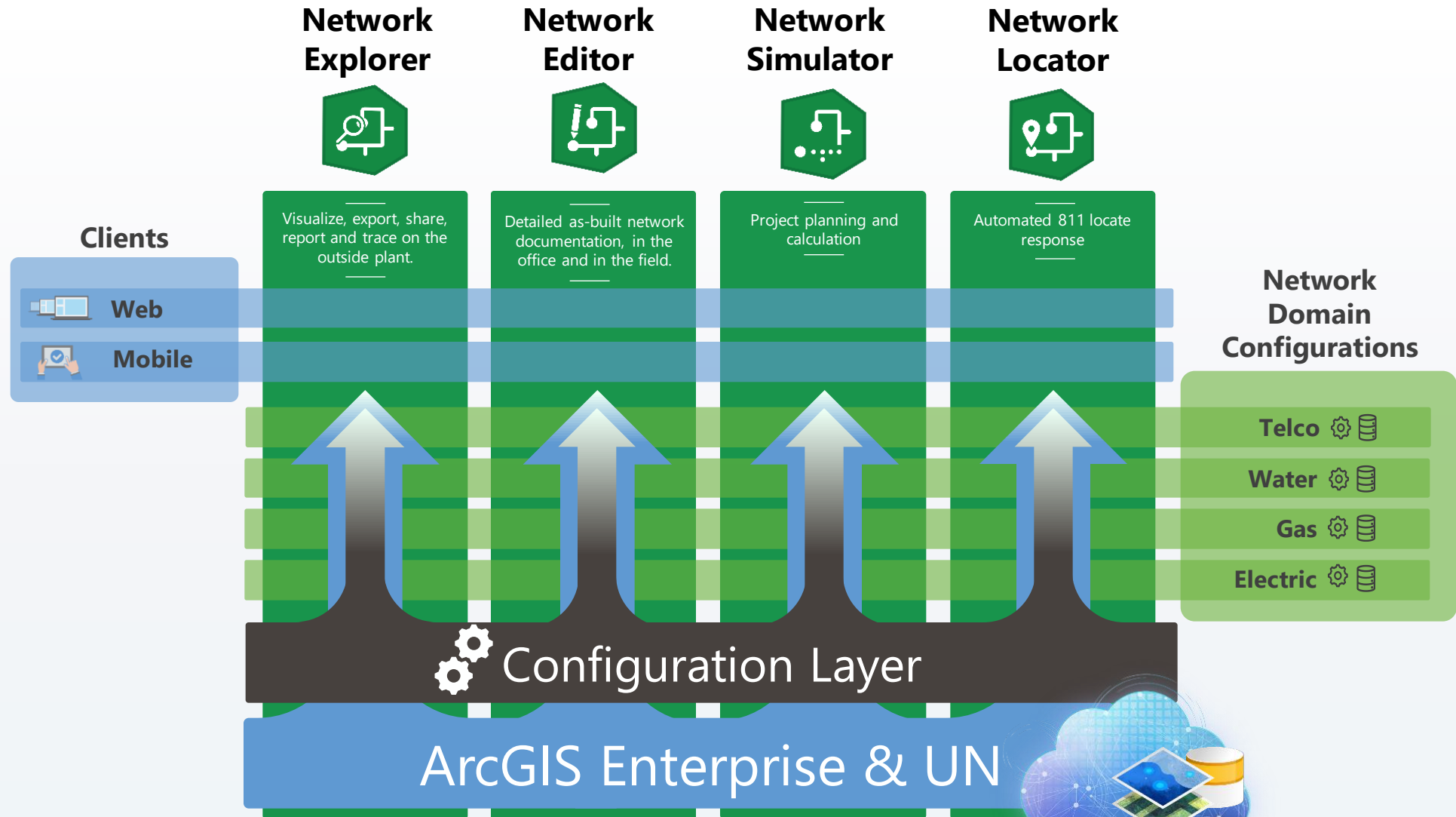
VertiGIS Networks uses a Robust Configuration Layer

- Every solution in VertiGIS Networks is **extensively configurable** because of a comprehensive configuration layer.
- Configure the layout, look & feel, and capabilities of **web and mobile** experiences for each solution.
- Control **access permissions**, and tailor **end-user workflows** to your organization's requirements with easy-to-use drag-and-drop interfaces.
- **Integrate** work orders with 3rd party asset management systems



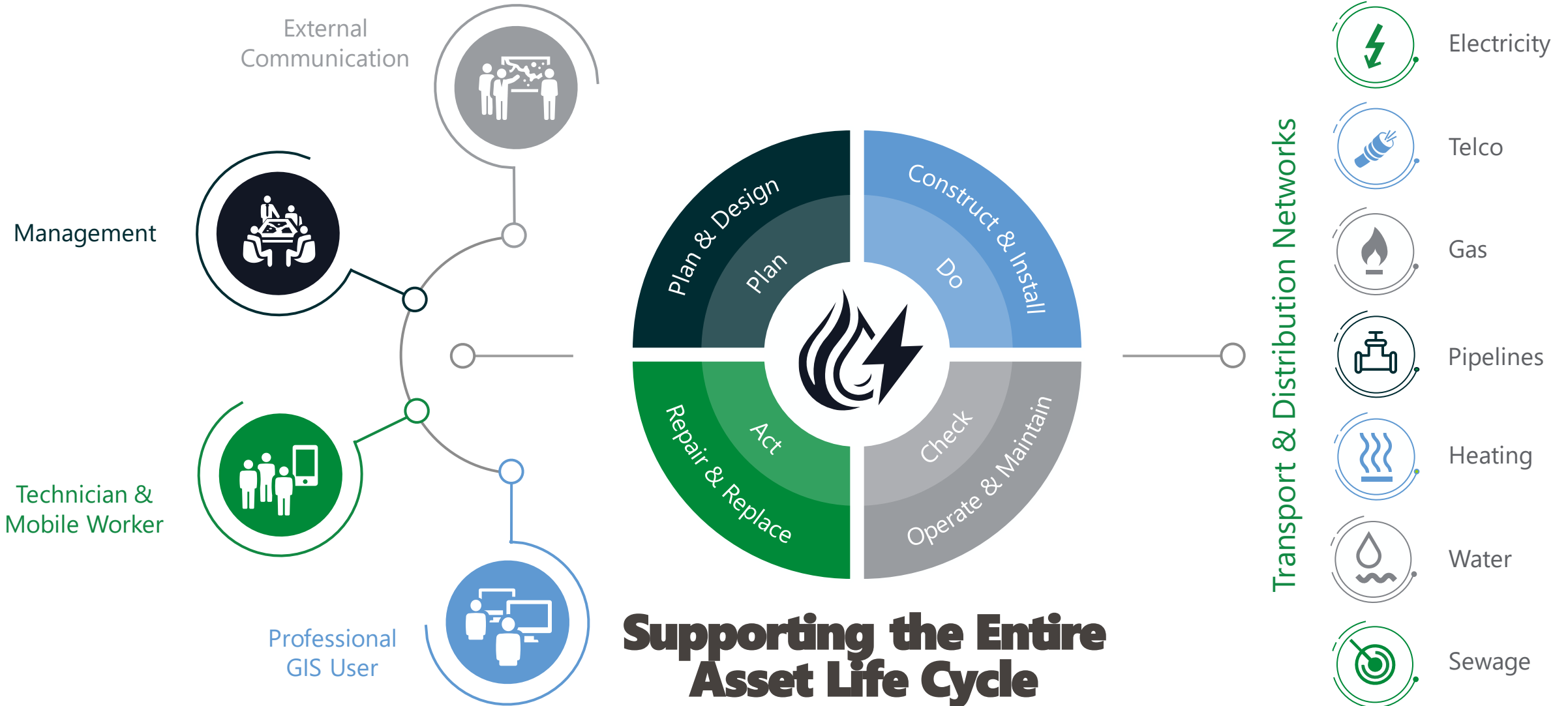
VertiGIS Networks™

Architecture

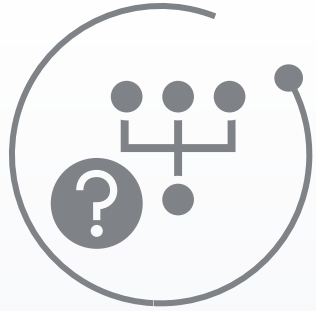


VertiGIS Networks™

A geospatial solution for the digital twin of your network infrastructure



Why VertiGIS Networks?



Out-of-the-box tools
for Tracing, Schematics,
Queries and Editing
Workflows



Configuration to meet
your business
requirements while
keeping pace with
Esri's ArcGIS updates



**Asset Management
Integration** lets you
focus on your daily
business operations with



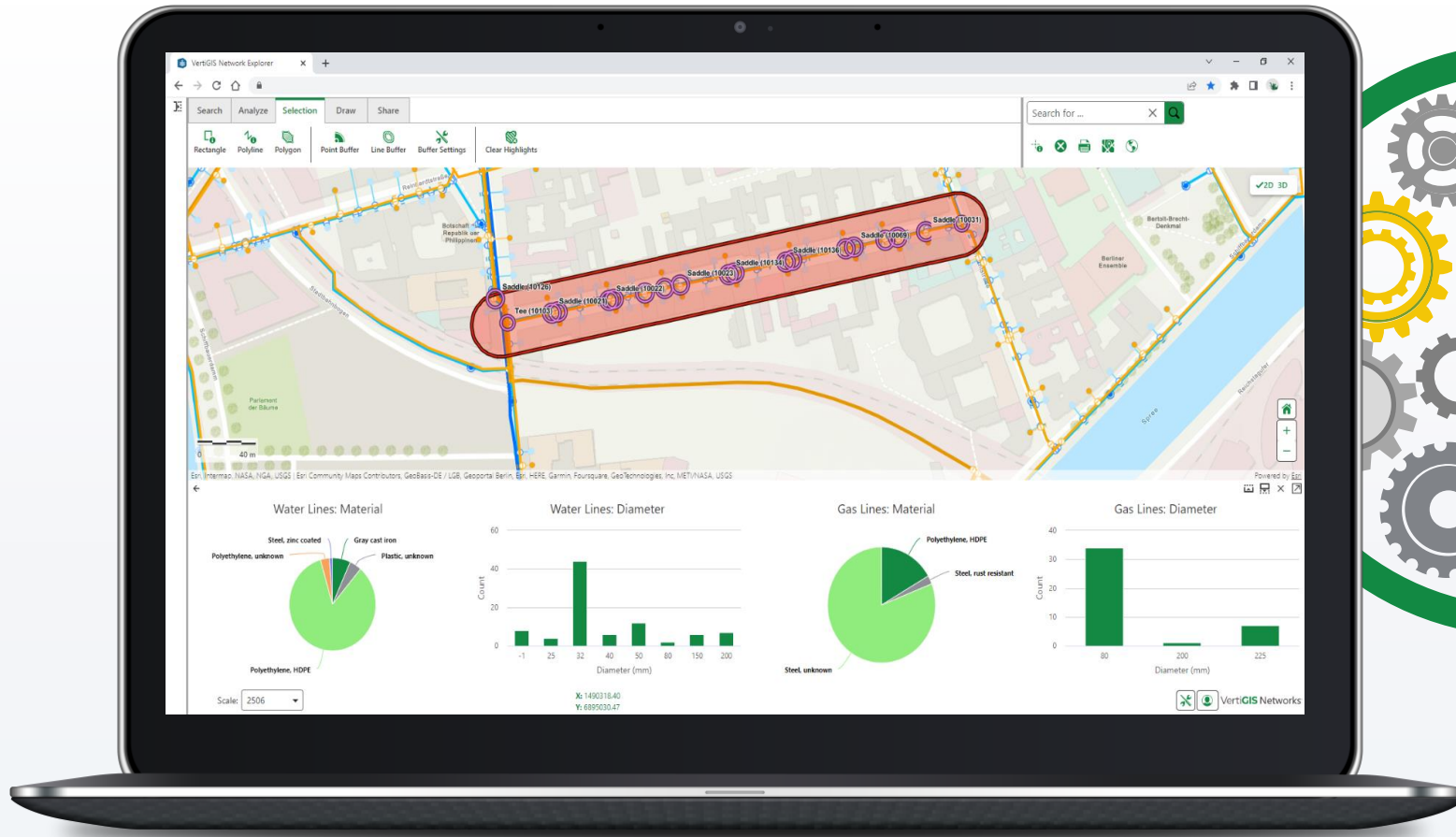
Access your Utility
Network
**anywhere on any
device.**



USE CASES – VertiGIS Networks for Water

- 1 - Pipe Failure / Main Break Response
- 2 - Water quality issue / contaminant notification
- 3 - Regulatory and Operational Reporting
- 4 - Planned outage communication and notification
- 5 - Customer engagement information portal
- 6 – Edit water network assets to maintain an accurate system of record

Demo: VertiGIS Networks



How to Get Started . . .

- Stop by the VertiGIS booth
- Arrange a demonstration
- Learn more at:

<https://www.vertigis.com/vertigis-networks/>

- Email:

Scott.SV@VertiGIS.com

VertiGIS Networks™





Thank you!

VertiGIS™