



Wayne State College

From Paper Maps to Digital Precision: Modernizing Facilities Management Across Campus

CHALLENGES

Wayne State College is comprised of 28 buildings on a sprawling 128-acre campus, with complex utility systems and thousands of pieces of equipment.

Facility teams relied on paper maps and disconnected records, making it difficult to quickly locate critical infrastructure or respond efficiently to maintenance requests and emergencies.

The college needed a modern, centralized solution to manage utility systems, equipment, and campus assets effectively.

"Digitizing campus utility maps has transformed how we respond to work order requests, manage equipment, and maintain utility systems. These advancements have significantly enhanced department efficiency and response times, enabling us to promptly address utility emergencies and consistently meet the needs of our campus community."

RESULTS

5.5 Million
Square Feet
Managed

28 Detailed
Annotation
Layers

- ✓ **Increased Efficiency:** Teams respond faster to work orders, maintenance requests, and emergencies.
- ✓ **Improved Accuracy:** Digital maps eliminate reliance on outdated or inaccurate paper records.
- ✓ **Streamlined Planning:** Real-time access supports better decisions for construction and enhancements.
- ✓ **Enhanced Safety:** Quick location of emergency systems - water valves and fire equipment - improves campus safety.



SOLUTIONS

Wayne State College partnered with VLogic to implement an interactive mapping platform designed for comprehensive campus facility management.

The dedicated team at VLogic worked closely with Wayne State College's facility services department to **digitize campus utility maps** and overlay critical infrastructure information onto digital layers. This effort ensured that every system and piece of equipment could be accurately located and tracked in real time.



KEY FEATURES

- **Digital Annotation Layers:** Color-coded layers showing electrical systems, water valves, fiber optic cables, gas lines, sewer systems, and more.
- **Onsite Equipment Mapping:** 4,000+ pieces of equipment, including water fountains and fire extinguishers, were photographed and mapped directly to the interactive maps.
- **Real-Time Access:** Instant access to critical system and equipment information from any device.