GIS for Campus Facility Management

The University of North Carolina, Charlotte (UNCC), benefits from an integrated view of its facilities and more effective campus-wide workflows and asset management by using GIS technology to spatially enable its facilities. PenBay Solutions created a system based on Esri's ArcGIS® Server and ARCHIBUS Web Central® software that stores and displays data based on the facilities' geographic location. The system makes it easier to identify employee locations in buildings and at floor levels, visualize work requests on a map, and determine the status of assets such as emergency phone locations.

What Did It Do?

PenBay Solutions, Esri, and ARCHIBUS developed a solution for UNCC that has provided spatial insight into work processes and asset life cycles, speeding work order processing, improving business insight, and extending the life cycle of asset information.

If necessary, users can automatically locate facilities inside the United States, Canada, and Europe by using data already captured in ARCHIBUS databases. Detailed property, facility, and financial information allows managers to see trends and realign expensive operational resources where needed.

Do I Need This?

By developing a GIS for facilities solution using Esri® technology, higher-education institutions can expand their view of campus facilities with intuitive spatial or geographic representations of buildings and assets. For added value, they can integrate the solution with existing enterprise systems.

For more information, visit esri.com/facilities.

> "Being able to link to the university's building automation system is providing us with the ability to pull together an integrated perspective of our facilities."
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> **Ray Dinello**
> Director of Facilities Information Systems
> UNCC

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