



GIS for Facilities

Better Manage Buildings, Assets, and Interior Space



Modernize the Management of Your Buildings

The spatial analysis capabilities of a GIS make it a technology uniquely qualified to help you better design and operate your facilities from a single authoritative database. And with basic templates and applications freely available, you can get started quickly.

Why ArcGIS for Facilities

The ArcGIS® platform can be used to build or enhance your facilities technology systems. The ability of GIS to do analysis and apply models based on different scenarios allows facility managers to create an efficient building from the start that provides the best space usage and energy efficiency possible. As the building matures, staff can model asset usage and depreciation over time and manage security and environmental costs. Most importantly, GIS opens up facilities-specific software and data for use across the enterprise.

ArcGIS improves all areas of facilities-focused business functions including:

- Planning
- Move management
- Real estate/Portfolio management
- Asset management
- Safety and security
- Environmental health
- Work order management
- Transportation planning
- Emergency planning and response
- Wayfinding (routing across campus and through buildings)
- IT infrastructure management
- Energy management



Pomona College and Esri partner Critigen used ArcGIS as a central data repository and analysis platform for auditing on-site renewable energy potential via landscape water usage.

Esri® ArcGIS for Facilities

Esri makes designing and managing facilities fast and easy.

Manage Data Better

Easily Exchange Data with CAD

The ArcGIS platform supports data exchange between CAD technology with interoperability tools that allow the interchange of most CAD data, as well as BIM formats. ArcGIS also supports Open Geospatial Consortium, Inc. (OGC), web services, including WFS, WMS, and WCS, for sharing data. Expanding support for GML and CAD applications, including the ability to consume GIS web services inside CAD, means it is easier than ever to use facilities data in ArcGIS.

Create Consistent, Standard Models

Esri has created data models and standardized templates to help you get started and provide consistent standards to make it easier to share and integrate data. All the features critical to support space, asset, and move management applications are supported.

Continue to Leverage Your IT Investments

Esri supports a complete GIS facilities IT solution by using open, flexible, standards-based technology for integrated query, analysis, and reporting capabilities. This ensures that GIS applications work with your standard facilities technology. Geospatial data investments can be leveraged, and you can provide a platform for geospatial integration.

Find out more at esri.com/fm.



Esri partner R&K helps clients assess building conditions and understand maintenance costs easily through a dashboard app.

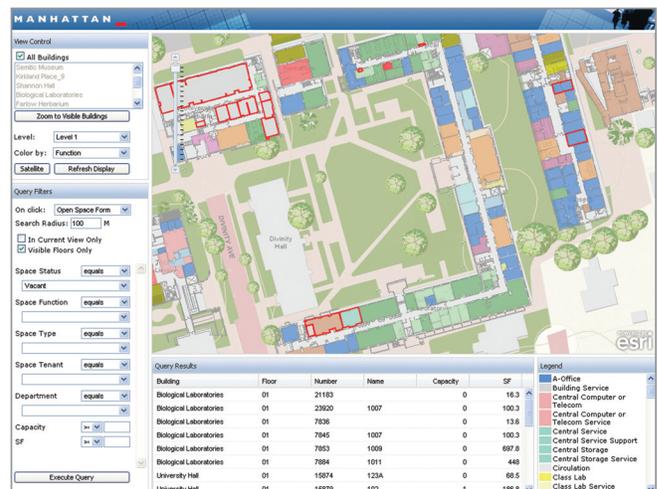
Create Healthier Facilities

Visualize Anywhere

ArcGIS platform-based templates, downloadable for free, can be used to create, view, and use intelligent campus and room-level maps. These maps and analyses can be shared on the Internet and via any mobile device, including smartphones, and embedded into web-based applications.

Find Solutions Fast

Creating geographically aware facilities means managers are better equipped for everything from maintenance to emergency response. Find locations, route between points, and even ask questions that include information on multiple floors and buildings. Viewing facilities in 2D, 3D, and even 4D means facilities are more functional, and so are you.



Esri partner Manhattan provides the ability to view facilities usage across campus and discover vacant or underutilized space.



Understanding our world.

Esri inspires and enables people to positively impact their future through a deeper, geographic understanding of the changing world around them.

Governments, business leaders, academics, and nongovernmental organizations trust us to connect them with the analytic knowledge they need to make the critical decisions that shape the planet. For more than 40 years, Esri has cultivated collaborative relationships with partners who share our commitment to solving earth's most pressing challenges with geographic expertise and rational resolve. Today, we believe that geography is at the heart of a more resilient and sustainable future. Creating responsible products and solutions drives our passion for improving quality of life everywhere.



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