

Indoor GIS

Powered by Esri's ArcGIS Indoors and ArcGIS IPS (Indoor Positioning System)



ArcGIS Indoors enables your organization to build an indoor geographic information system (GIS) and put the power of indoor mapping, wayfinding, and space management software into everyone's hands. With three license levels available, ArcGIS Indoors Pro, Indoors Maps, and Indoors Spaces, your organization can consolidate your asset and space information into a single place, the indoor map, and provide easily accessible web and mobile apps, for location discovery, wayfinding, room reservations, and space planning.

Benefits of an Indoor GIS System

Your indoor data in one place

Combine your source CAD and BIM data into a single geospatial system of record using ArcGIS Indoors. Visualize all your indoor data within a digital indoor map. See points of interest, meeting rooms, assets and equipment, and space usage.

Faster service delivery

Assets and equipment need regular maintenance, and indoor mapping and wayfinding software in the hands of IT, facilities, and security personnel helps them save precious minutes in responding to work orders, knowing exactly where and how to get to their work. Those minutes add up to countless hours and cost savings.

Build a safer workplace

With a shared map, leaders can have the same knowledge that their teams have, at any time. If there's a maintenance or security issue, they'll know right away. They don't need to wait for staff to find paper blueprints or convey status information. In turn, they can make fast decisions to avoid work disruptions and keep employees and visitors safe.

Plan and manage your space

ArcGIS Indoors space planning software allows leaders to plan and manage space more efficiently. With visual mapping tools, organizations can consolidate unused space to reduced leased square footage or reallocate it to business units that can maximize the space asset to better serve their mission. Organizations can also plan the use of new space needed for growth and expansion.

Enable a hybrid workplace

The hybrid workplace has rapidly become the new norm, and employees and visitors need to know they have the space, equipment, and amenities they need; where to find them; and how to get them on days they are at work. With ArcGIS Indoors, occupants can reserve meeting rooms or be assigned a workspace, which allows for high levels of productivity and collaboration when in the office.

ArcGIS Indoors Product Capabilities

Build an indoor system of record

ArcGIS Indoors Pro allows you to combine your disparate indoor data into a geospatial system of record.

Create digital, easy-to-navigate indoor maps

With the single source of indoor data, create intuitive and easily understood floor-aware indoor maps that highlight people, places, and assets.

Put indoor maps into everyone's hands

Give everyone access to indoor maps with ArcGIS Indoors Mobile. Empower space planners with space management maps for use in the Space Planner app.

Inform operations and decision-making

ArcGIS Indoors provides complete situational awareness of your space, giving operations staff and decision-makers crucial location intelligence.

Licensing Components

ArcGIS Indoors Pro

ArcGIS Indoors Pro is an extension for ArcGIS Pro that provides tools for combining various indoor datasets and creating and sharing floor-aware, indoor maps.

ArcGIS Indoors Maps

ArcGIS Indoors Maps allows you to put your indoor maps into everyone's hands in your organization. The Indoors Viewer and Kiosk web apps, along with Indoors Mobile, enable location discovery and wayfinding, with real-time navigation possible with the addition of ArcGIS IPS.

ArcGIS Indoors Spaces

ArcGIS Indoors Spaces extends the capabilities of ArcGIS Indoors Maps with space management software. With the Indoors Space Planner web app, understand how space is used, assign or reassign space, and enable space reservations and office hoteling.

ArcGIS IPS in the Esri environment

You can unlock ArcGIS IPS in ArcGIS Indoors, an indoor mapping system for smart building management; use it in ArcGIS Field Maps, the all-in-one app to streamline critical field workflows; or access it via ArcGIS Maps SDKs for native apps to power your cutting-edge, custom-built indoor positioning app.

