ArcFM Web

Expand the power of targeted web mapping applications throughout your organization and maximize the possibilities of Esri's Web GIS technology.

ArcFM Web is a beautiful, powerful and lightweight application that expands the capabilities of GIS across your organization for use anytime, anywhere on any device. As a web-based application, no installation is required; and the HTML5/ JavaScript technology provides an effortless interaction with your organization's data.

Through the power of our proven ArcFM solution and our partnership with Latitude Geographics, ArcFM Web allows you to leverage quicker, more intelligible and useful information to better report and manage assets, optimize decision making, and more quickly identify and solve problems.

- Expands access to the most updated asset, infrastructure and network information
- Powerful administration tools require less overhead for deployment and maintenance
- Cross-platform support allows users to leverage application on any device
- Bi-directional and easy integration of GIS processes and data in non map-centric applications
- Replaces ArcFM for Silverlight to give you more power and flexibility

ArcFM Web at a glance

- Intuitive, fluid interaction
- Works with any common browser application (Internet Explorer®, Firefox®, Chrome™)
- Mobile app framework that supports iOS, Windows®7 or Windows 8
- Enhanced reporting and printing, including large format and plotter sizes
- Simple, productive work flows
- Configurable for a specific look and feel – with little or no programming knowledge
- Highly customizable, including a full developer SDK
- Scalable, instant and indexed searches

ArcFM Web

Key features and capabilities

ArcFM Web delivers a unified and cohesive user experience designed carefully for use on desktop browsers, tablets and handheld devices. For mobile users working in disconnected environments, ArcFM Web applications work offline as well, allowing data edits and other changes that can be synchronized when back online.

Having features, tools, and widgets you need out of-the-box is good…configuring them in a unified, cohesive user experience is even better.

Security
Grant or deny access to applications, map services, layers, map features, database tables, reports, workflows and more to create personalized experiences for users or groups within your organization.

Instant search
A highly scalable, extremely fast search engine defines and indexes attributes from multiple map services and feature services to provide intuitive search capabilities across millions of map features.

Reporting and printing
Manage normal or large format, high-resolution map printing requests with customizable and out-of-the box layouts and templates.

Charting
Discover patterns and learn the nature of your data by visualizing attribute information on a map. Configure data to display in customizable bar charts, pie charts, or line charts that dynamically update as selections and results change.

Data linking
Extend the reach and capabilities of your applications by linking spatial and non-spatial databases, files, or web services that can be embedded in reports, searches and forms.

Forms
Easily create interactive dialogs for web and mobile applications. Prompt your end-users for information via text boxes, auto-complete entries, date pickers and drop-down menus.

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ArcFM Web

As technology changes, so can your applications

Build targeted applications that meet your precise needs, tailored impeccably to your organization, without having to worry about breaking changes following technology updates.

Benefits for producers
- Reduce project risk
- Accelerate development and reduce application upkeep
- Get the precise capabilities you need – at your fingertips
- Avoid custom development and hassles

Benefits for end-users
- Thoughtful feature and design details
- Intuitive interface empowers more users throughout your organization
- Simple, unified applications enable productivity
- Optimized for user's device of choice

Streamline interactions with ArcFM Web workflow
ArcFM Web includes unique and versatile Workflow technology that will transform how you approach application development and process automation.

The vast majority of enterprise business processes (simple or complex) can be modeled, streamlined and automated with step-by-step workflows, integrating geographic information and GIS operations where appropriate.
- Access over 200 pre-built functions and avoid writing thousands of lines of code just to do common tasks.
- Buffering, geocoding, querying, geoprocessing, routing, emailing, and form inputs are only a handful of the pre-made activities you can chain together and make your work more efficient.
- No need for a GIS background to use maps; simply follow the guided interactions to accomplish an incredible array of sophisticated business and operational tasks.

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ArcFM Web

Maximize the power of Esri's ArcGIS platform and modern Web GIS pattern

ArcFM Web helps organizations achieve even greater success with Esri's modern ArcGIS platform. Esri technology evolves at an amazing pace, and we work on the front lines to help you accomplish even more - as broadly and deeply as possible.

Our mission is to help you make the most of your investment in Esri today, while keeping you optimally aligned for the future.

Add value to core Esri technology
Our work is impossible without Esri's outstanding ArcGIS platform. ArcFM Web requires Esri GIS technology and works exclusively with Esri technology.

The answer to problematic custom development
ArcFM Web is appropriate when custom capabilities are needed; it's an alternative to custom application development using core APIs and SDKs (which can be costly and time consuming).

We always recommend going with the simplest solution that works. If Esri's ready-to-go Collector for ArcGIS or an AppStudio for ArcGIS template can be configured to meet your requirements, leverage one of these options.

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Getting started: Deployment, technical requirements and licensing

ArcFM Web is available for iOS and Android devices, as well as Windows 7, 8 and 10 devices.
- For deployment on Android and Windows, simply copy the application to the target device(s).
- Deployment to iOS relies on Apple's enterprise app distribution model. An Apple Enterprise Developer Account is required to assign the app to a corresponding Apple ID.

Technical requirements

If you have successfully installed one of the ArcGIS-supported operating systems on your server, the hardware will likely be compatible with ArcFM Web software. Still, it's important to recognize the minimum hardware requirements and the preferred hardware specifications.

Hardware Component	Minimum	Preferred
Random Access Memory (RAM)	4 GB	8 GB or higher
Storage Drive (HDD, SSD)	1 GB	5 GB or higher
CPU	2 GHz, x64	2 GHz or higher, x64

ArcFM Web can work exclusively with ArcGIS Online or with Portal for ArcGIS. When using ArcFM Web with ArcGIS Server, please refer to our Exchange site for the specific supported versions.

For large-scale deployments that require concurrently creating and syncing with geodatabase replicas, please contact us.

Licensing

ArcFM Web provides a significantly streamlined end-user experience for going offline and uses Esri's ArcGIS Runtime SDKs. The Runtime SDK is accessed for geometry operations and can be leveraged further for more sophisticated offline functionality.

Organizations require either an ArcGIS identity or Runtime SDK license pack to allow sync-enabled feature services and geodatabase replication.

There are two editions of Runtime SDK licensing:
- Standard (paid): This is required for offline editing, syncing and running analysis tools while disconnected. Standard licensing can be bypassed if the resulting application is accessed with an ArcGIS identity.
- Basic (free): This offers access to an offline geodatabase, providing read-only functionality for users working offline.

Try ArcFM Web for free with no obligation for 60 days.
Contact your Schneider Electric Account Manager for more information.

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