

IMF Geocortex

Features:

Sites easily configured using XML.

WMS service support. Data and maps from multiple services combined in application with ArcIMS data.

Forwarding routine to fetch images from secure servers.

Geoprocessing capability (buffer, intersect, contains, etc.)

Display your title document containing logo, etc.

Multiple tab bar formats including rounded tabs, easy to add new tabs using XML.

Button and tool bar with built-in tools that can be included in your site

Zoom to full extent

Zoom to previous extent

Display index map. Index map refreshes automatically when extent changes and can be clicked to reposition the map.

Create printable map at specific scale in Adobe PDF format.

Send the map to yourself or someone by e-mail.

Drill-down identify tool to display information from all visible layers.

Identify tool to display information about active layer.

Zoom in using mouse click or rectangle.

Zoom out by mouse click.

Pan (recenter) by mouse click or dragging the map.

Measure distance tool drawing multiple segment lines.

Measure area tool drawing a polygon.

Pushpin tool adding marker and text to the map. Location text available.

User redlining function. Draw a point, line, polygon or box to add to the map.

Clear tool to remove user markup.

Spacing control to separate tools and buttons into logical groups.

Easily add new tools and buttons using XML.

Support for multiple toolsets.

Context sensitive help for active toolset.

Auto-generated help from XML text associated with tools and tabs.

Feedback link to send an e-mail message to your site administrator.

Advanced layer control.

Layers grouped into nested folders.

Display order independent of drawing order.

Folder controls, all on, all off.

Support for radio folders where only one layer can be on at a time.

Layers can be hidden from user control.

A layer's labels can be turned off independently of the layer.

Metadata available by layer name hyperlink.

Scale dependent layers.

Virtual layers, layers organized into a group that appears as one layer.

User restrictions preventing the user from changing visibility of a layer.

Automatically refresh option.
Layer naming based on XML setup rather than capabilities title.
Advanced identify reporting routines.
Automatic default report for queryable layers.
Drill down identify report to show information from all visible layers.
Field aliases or alternate display titles.
Fields can be hidden from default reports.
Fields containing URLs automatically hyperlinked.
Field level metadata supported.
Coordinate position reported in multiple coordinate systems.
Links can be shown in report constructed from field contents.
Open related reports instead of showing default report.
URL to related reports automatically built from field contents.
Database connectivity to insert selected record information in database for join filter.
Map limits can be set (maximum extent, minimum scale, etc.)
Real-time coordinate display when user moves mouse over the map.
North arrow on map, automatically angled.
Scalebar on map, configurable units.
Map centre coordinates printed on map in desired coordinate system.
Scale display in status bar.
Zoom to user-entered scale.
Copyright message on map.
Display legend information
Extensible find location routines.
Zoom to latitude / longitude position.
Zoom to UTM position.
Bookmarks, save and restore a location extent.
Gazetteer search and zoom routine.
Zoom to place name from extents saved in database.
Easy to add more, defined in XML.
Predefined themes or views that can be opened by the user.

Benefits:

Rapid deployment of web mapping applications

Using Geocortex IMF, it takes only a fraction of the time that it would otherwise take to create and deploy a customized web mapping application. Using simple to understand XML customization files, an IMF-based web mapping application can be easily developed within a few hours, often without any programming at all.

Low cost

The fee for licensing Geocortex IMF is an exceptional value, saving hundreds of hours or thousands of dollars of development time.

Application Service Provider model

Geocortex IMF is designed to be installed as an Application Service Provider type of application, whereby it is installed on a single server within an organization but can support multiple web mapping applications. This strategy facilitates application support, enhancement, and maintenance because code changes do not have to be replicated for each mapping site that an organization deploys.

Server-side Java application

Geocortex IMF is written in Java and Java Server Pages, and is a platform independent solution. It can be installed on Windows, UNIX, or Linux servers using your choice of web server and servlet engine. There are three primary benefits of having the mapping application processes on the server-side. First, the returned pages are thin dynamic HTML, requiring no plug-ins. This enables access by users with minimal bandwidth and computer capability. Second, the application code is protected. In a client-side solution, much of the application code is downloaded to the browser, and visible to curious users. Third, development and maintenance are easier and more efficient.

Ongoing enhancements and maintenance

Licensees will benefit from the continuing enhancement of Geocortex IMF. The IMF will be updated when new features are added or when new releases of ArcIMS are released at a minimal annual cost to licensees.