Geocortex Optimizer

Geocortex Optimizer helps you to better understand your ArcGIS for Server environment; how it works and how people work with it.

Gain critical insight that will help your organization make informed decisions. Geocortex Optimizer can provide you with the knowledge to make adjustments that promote improved usage and identify the possibility of unplanned downtime (and often the source) alerting you to the presence of a problem. You can identify patterns and trends in performance, traffic levels, navigation patterns, and user demographics to plan proactively based on factual, meaningful information.

Organizations choose Geocortex Optimizer for a variety of reasons:

- GIS Managers or GIOs can examine actual usage and show trends to help ROI related to ArcGIS for Server-based web-GIS—and plan for the future
- ArcGIS Server Administrators are presented with a wide variety of system level data from across their hardware and software stack, allowing for unprecedented insight into system activity, capacity, and status
- IT Administrators can monitor and adjust system hardware, software, and the overall system structure to maximize performance, scalability, and uptime

Reports

The core functionality delivered by Geocortex Optimizer (performance optimization, ROI analysis, user interactions, etc.) is realized primarily via a comprehensive set of administrator reports. The reports are viewed and explored via *Geocortex Optimizer Reports*, a configurable, interactive web application designed for use by ArcGIS for Server administrators, IT Support staff, or application designers and developers. Reports are generated in real-time and represent the current and historical state of an organization's complete ArcGIS for Server stack.

You can interact with reports across specified time periods and data types by using the supplied report-type navigation tools. By analyzing and correlating system performance data over a variety of time periods, system administrators can then paint an accurate picture of ArcGIS Server performance, user activity, ROI and uptime.

Dashboard

The Dashboard is a feature in Geocortex Optimizer that, in a single view, summarizes key information related to your ArcGIS for Server deployment. You can define the extent, type, presentation and date range for the display of this information. At a quick glance, you can quickly determine system status, performance, and alert states.

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Export/Printing

Geocortex Optimizer supports the ability to print selected reports, tables, and report groupings to PDF format. This feature allows for high-quality printing for outside stakeholder review as well as the ability to export data in tabular format for integration elsewhere.

Alarms

The alarms module is a comprehensive feature within Geocortex Optimizer that enables you to determine actions that occur when specified criteria are met. You can define an unlimited number of alarms on potentially hundreds of real-time data points using thousands of combinations of logic. Alarms can be configured to email or run as a pre-defined batch file or script to perform a task.

Distributed Environments

Geocortex Optimizer supports highly-distributed web-GIS architectures composed of a variety of (physical or virtual) servers and software components that potentially run across different networks within the same organization. Copies of Geocortex Optimizer can be readily installed on each server within your web-GIS architecture. You can then selectively enable different collectors for each respective instance of Optimizer and feed this data back to the centralized database module for storage and retrieval/display.

Reporting for Optimized Mapservices

Geocortex Optimizer helps you to take advantage of a new optimized Mapservice type (.MSD), created by Esri. Geocortex Optimizer includes support for this Mapservice type across its full spectrum of configured reports.

Latitude Geographics®

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Latitude Geographics first developed Geocortex in 1999. Since, Geocortex has grown to be a success story with hundreds of customers worldwide who recognize the value of using off-the-shelf software for their GIS and web-based mapping needs. Geocortex enhances and extends Esri's ArcGIS for Server platform, transforming how organizations design, build, and maintain their applications. Esri is the world's leading GIS solutions provider, and in 2010, Latitude Geographics was named one of Esri's first Platinum Business Partners as well as 2010 Worldwide Partner of the Year.