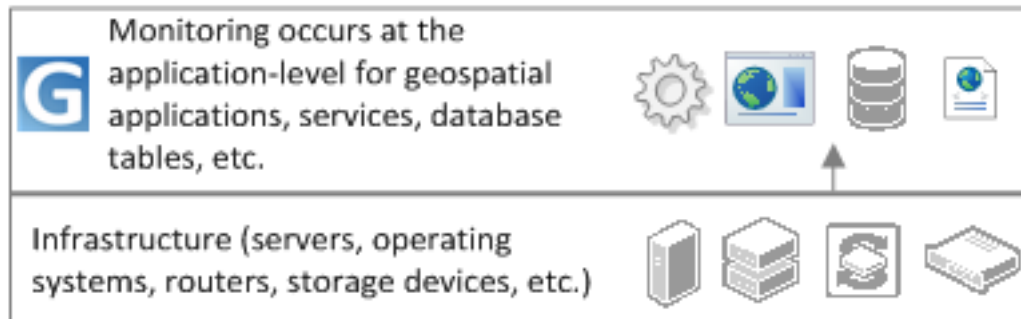


# What does the GeoSystems Monitor include?

## [Application Level Monitoring](#)

GeoSystems Monitor is designed for “Application Level” monitoring; rather than a focus on hardware/network performance, it checks the individual geospatial applications, services, and database tables. This design enables monitoring of multi-sourced, geographic and non-geographic services and components that are typically combined into a map service.



While this design does not specifically monitor an organization’s infrastructure, it can assist with troubleshooting issues within the infrastructure by providing a focused list of applications that are affected.

In addition, the GeoSystems Monitor Charts and Reports Module provides visual and tabular summarizations of the monitoring information that is collected and stored within the GeoMonitor application databases. The charting tool is used to generate performance charts of response times, down counts, and slow counts. The reporting tool is used to generate usage reports for each Monitoring Point created in the GeoMonitor Dashboard.

## [SDE Usage Reporting](#)

The SDE Usage Reporting component of the GeoSystems Monitor generates information with regard to SDE geodatabase feature datasets, feature classes, and tables that are open at any given time. This information can be reported on by user or by computer, and includes how often the server(s) are used. An unused layer report may be generated as well.

## [AGS Usage Reporting and Performance Monitoring](#)

The AGS Usage Reporting and Performance Monitoring component of the GeoSystems Monitor reads the ArcGIS Server site log (version 10.1 and greater) and generates reports and graphs, by user, computer, and/or service response times, related to how often services are used.

## [Windows Server Performance Metrics](#)

The GeoSystems Monitor offers Windows server performance metrics in the form of reporting and charting of CPU total percent usage, percent of physical memory used, and percent of disk space used. These metrics can be retrieved from Windows servers on the same LAN as the GeoSystems Monitor server.

## [License Manager Monitoring and Usage Reporting](#)

The GeoSystems Monitor also includes FlexNet Publishing License Manager® monitoring reporting and charting. The GeoSystems Monitor can alert users when the number of remaining licenses reaches an established threshold and provides a separate web interface that can be used to help users understand who is using the licenses at any point in time.

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