

# Application Performance Considerations

As with most applications, the overall application performance of GeoMonitor will depend upon the computer hardware

Installation Guide identifies the minimum hardware and software requirements for GeoMonitor. It is important to note the following GeoMonitor tasks/processes that are known to impact application performance, with recommendations on how to minimize performance impacts:

## 0. Usage Reporting

The processes for generating reports for ArcGIS Server and ArcSDE usage statistics is very resource-intensive, and including Usage Reporting functionality increases the minimum hardware and software requirements. When executing usage reports, users may experience an impact on application performance. When possible, it is recommended that this is performed during times when this will not impact other GeoMonitor users.

## 0. Auto Populate

Auto populating a GeoMonitor Server and associated monitoring points from ArcGIS Server or ArcGIS Online causes an impact on application performance. It is recommended that this is performed when only one Administrator is logged into GeoMonitor. If multiple users are logged in during this process, they will experience slow performance while auto populating is executed.

## 0. Batch Editor

When executing batch editing on GeoMonitor Servers with many points, the application is performing multiple processes at a time to implement the changes. Users may experience a period of slow response after submitting changes.

## 0. Large number of monitoring points (1750+)

The Hardware and Software requirements that are appropriate for an installation of GeoMonitor with 1750 or more points will exceed the minimum specifications identified in the Installation Guide. If it is anticipated that this will occur, contact your service representative to discuss appropriate specification sizing.

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