

# What is new in the GeoSystems Monitor?

## DESIGN

- UI style and design updated using Bootstrap 3
- Written in Node.js and JavaScript (deprecates Silverlight)
- Works in all modern browsers (Edge, Firefox, Chrome)

## NEW FEATURES

### GSM 4.2.0

- Reporting section enhancement
  - Ability to export reports to CSV added
- Autopopulate enhancement
  - Unselect all option added
- Ability to access administrator's user content when adding content in Portal/ArcGIS Online
- Webmap layer group support for up to one level deep
- Node.js upgrade from 12.x to 16.x
- Security audit and upgrade of project dependencies
- [New SSL certificate expiration date check](#)
- Batch Editor fixes
- UI enhancements / fixes
- [External email support for email notifications](#)
- Updated error logging for backend/frontend UI
- Updated Postgres Library to accomodate latest Postgres versions
- [Enhanced WMI checks](#)
- Linux server (WMI equivalent) checks available upon request
- Easy open http link added to both alert and summary email for GeoSystems Monitor dashboard access

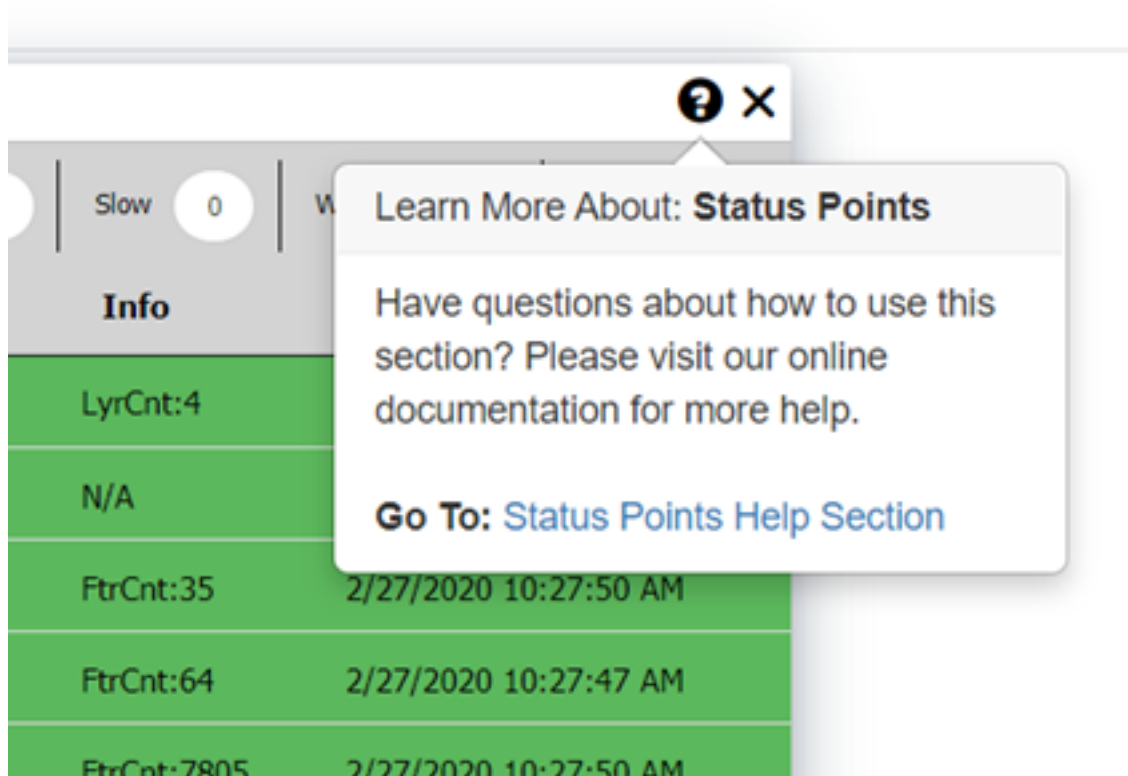
### GSM 4.1.1

- [GSM Uptime Report](#) enhancements
- Ability to create containers from [ArcGIS Online](#) and [Portal](#) folders and groups
- Node.js upgrade from 8.x to 12.x

- Moved Node.js to self-contained to install, with option to remove (if needed)
- Security audit and upgrade of projects dependencies
- Added improved iisnode error logging

#### GSM 4.1

- [GSM Uptime Report](#)
- Batch Editor enhancements / fixes
- UI enhancements / fixes
- Auto-populate and refresh services easier
- Map service extent picker more flexible
- Connections enhancements
- License Manager charts [enhancements](#)
- Easier [upgrading](#)
- Clickable Help within UI - look for the question mark (?) icon in the upper right (see example below). Clicking this icon will link you to specific sections in the documentation.



#### GSM 4.0

- [License Manager Module](#)
- Reports and Charts upgraded to new ReportLab libraries
- Added/combined support for Vector Tile services
- Increased WMI disk drive checks

- Added support for Postgres databases
- Redesigned SDE Layer checks
- Added support for Oracle 12c
- Redesigned MSSQL authentication practices
  - Key focus on Windows Authentication
- Easier creation of containers and auto-population of services
- Ability to “refresh” containers to add new services/remove old
- Added a governor to manage cold start monitoring
- Added “connections” to save credentials
- Added ability to rearrange tabs

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GeoSystems Monitor Enterprise -> Product Guide v4.1 - 4.2 -> Introduction -> What is new in the GeoSystems Monitor?

<http://www.vestra-docs.com/index.php?View=entry&EntryID=343>