

CSE Magellan Desktop Application

Release V2

SSO to Magellan on these browsers. After the application has logged into Magellan it will place the Authentication Cookies into these browsers if they are installed on the system. This is helpful for non-domain PC's which can't use IWA.

- Internet Explorer.
- Google Chrome.
- Firefox.

Detection of currently synced OneDrive or Sharepoint Drives. If the client PC is already syncing to one drive the Magellan application won't map these drives as online drives instead it will map the drive as a virtual drive on the system to the local synced path. This way having the OneDrive Personal mapped to N: would stay the same on domain PC in school or at home on a laptop which has the data synced.

Crash Detection. The Magellan Application Service will now watch the Magellan application and restart the app if something goes wrong and it closes unexpectedly.

Mapped Drive Tidy Up: The Magellan Application now records the drives it maps to the current user registry and removes these records when it un-maps the drives at closure. The reason for this is if the application is forcibly closed the Magellan Application could try and map multiple copies of the drives on relaunch. This prevents that.

New Context Menu Items.

- Open Magellan: Launches Magellan in the Default browser.
- Restart Application: Restarts the Magellan Application closing the shares and resetting them back up.
- Exit: Exit's the Magellan Application and stopping the Crash detection from launching it again.

FolderRedirection. The Magellan Desktop Application will redirect these user document directories to a OneDrive Share if the Share in the Magellan Admin Portal has this flag in the path "%redirect%".

- Personal (Documents)
- Pictures
- Music
- Videos
- Links
- Downloads
- Favorites
- Desktop

The Desktop application on the first time it is run by a user will record and store the current paths of all those documents before doing any redirects into the Current User Registry. It will use these original paths as references and remove the redirects whenever the Application is closed. This is to ensure that when a station is rebooted no end user error occur when they log back into the Station and the Paths can't redirect to shares that haven't been mapped yet.

Folder Redirection and Sync Detection, the Magellan application will still do the same redirects for stations that have OneDrive synced expect this time it will redirect to those synced local folders instead of the online share.

Improved Handling of Office 2016 Modern Auth: Beforehand the Magellan Desktop Application would disable Modern authentication for Office 2016. It now supports it and removes the previous entry's that disabled it.

Optional Splash Screen: A splash screen has been added to the client to display that the client is busy and disappears on completion. This can be turned off in the Magellan Settings page.

New Icons: Improved icons have been added so they display better in the system tray and improve the status of the application. The same icons are used in the splash screen.

Mouse Over tray Icon: After completion of work a mouse over on the tray icon will inform the end user of the number of mapped drives the application has managed to make.

Optional Auto-Launch Magellan: After completion of work the Application can be setup to automatically launch Magellan in either the Default browser, IE, Firefox or Chrome. This is control in the Magellan Settings.

Requirements:

- .Net Framework 4.6.2 to run. Previously it required 4.5.2.
- PowerShell 4.0.
- WebClient server not to be disabled.

Known Issues:

- If Chrome or Firefox is open when the Magellan Application does its login process this can disrupt the setting of cookies in these browsers.
- Unable to run any files that require administrative privileges like installers or EXE's from Virtual Mapped drives when OneDrive is synced on a pc. This is because of the way windows handles the "Run as Administrator" / Elevated sessions, this is a different windows session that doesn't have the virtual drive mapped so therefore never find the files to run.