

# impero education pro

Impero Education Pro v8.4.28

Release Document



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## Minimum System Requirements

The specific system requirements for running Impero Education Pro v8.3+ on different operating systems are described below. Please make sure that your system meets these requirements and that your operating system is up to date before downloading the latest version of Education Pro.

Be sure to update to enjoy all the latest features and improvements for Education Pro. If your system does not meet the minimum requirements, the features of Education Pro may not work as described. Actual requirements may also vary based on your system configuration along with the applications and the features you install.

Impero Recommends that end users **do not exceed a maximum of 5000 devices per Impero Education Pro Server** installation.

Due to the nature of keyword detection configurations the HDD requirements for Impero Education Pro can vary from site to site, customers are advised to contact our support team should you wish to clarify\*.

Requirements highlighted in **Green** represent changes made to the minimum system requirements in this version

**Please Note:** Actual requirements will vary based on your system configuration, number of clients, and the applications and features you choose to install. If you are running any system not listed in the above document, please contact Impero to discuss your requirements.

## Impero Server – Locally Hosted

- Supports 32bit and 64bit Architecture
- Microsoft Windows 7, 8.1, 10
- Microsoft Windows Server 2008 R2 SP1/2012/2012 R2/2016/2019
- Microsoft .NET Framework 4.7.2
- Approximately 150 MB SSD/HDD for installation
- 60 GB SSD/HDD free space (actual space requirement depends on your retention policy) \*
- TCP/IP connection
- Broadband Internet connection
- Impero recommends the server is not installed on a Domain Controller

### Up to 1500 clients

- 2.0 GHz + Dual Core processor
- 4 GB RAM

### Up to 3000 clients

- 2.0 GHz + Quad Core processor
- 8 GB RAM

### Up to 5000 clients

- 2.0 GHz + Octa Core processor
- 8 GB RAM

\* To ensure optimum performance and reliability it is required that the available free space is 3X the size of your log folder located at C:\Program Files (x86)\Impero Solutions Ltd\Impero Server\Data\Logs.

## Impero Server – Cloud Hosted

- Broadband Internet connection

## Impero Local Console – Windows

### 1500 clients

- 2.0 GHz + Single Core processor
- 2 GB RAM

### 3000 clients

- 2.0 GHz + Dual Core processor
- 4 GB RAM

### 5000 clients

- 2.0 GHz + Quad Core processor
- 8 GB RAM

- Microsoft Windows 7, 8.1, 10 (x86 and x64)
- Microsoft Windows Server 2008 R2 SP1/2012/2012 R2/2016/2019 (x86 and x64)
- Microsoft .NET Framework 4.7.2
- Windows Installer 3.5
- TCP/IP connection
- 5 GB SSD/HDD free space

## Impero Local Console – Apple Mac

### 1500 clients

- 2.0 GHz + Dual Core processor
- 2 GB RAM

### 3000 clients

- 2.0 GHz + Dual Core processor
- 4 GB RAM

### 5000 clients

- 2.0 GHz + Quad Core processor
- 8 GB RAM

- Apple Mac OSX 10.12+ Operating Systems
- TCP/IP connection
- Broadband Internet connection
- 5 GB SSD/HDD free space

## Impero Cloud Console

- Google Chrome Web Browser (Windows, MacOS, ChromeOS)
- Apple Safari Web Browser (iOS)
- TCP/IP connection
- Broadband Internet connection

## Impero Client – Windows

- 2.0 GHz+ Single Core Processor
- 2 GB RAM
- Microsoft Windows 7, 8.1, 10
- Microsoft Windows Server 2008 R2 SP1/2012/2012 R2/2016/2019
- Microsoft .NET Framework 4.7.2
- TCP/IP connection
- Broadband Internet connection
- 5 GB SSD/HDD free space

## Impero Client – Apple Mac

- Intel Multicore Processor
- 2GB RAM
- Apple Mac OSX 10.12+ Operating Systems
- TCP/IP connection
- Broadband Internet connection
- 5 GB SSD/HDD free space

## Impero Client – iOS

- iOS v10+
- TCP/IP connection
- Broadband Internet connection

## Impero Client – Chrome OS

- Chrome 68+
- TCP/IP connection
- Broadband Internet connection

## Version 8.4.28 (9<sup>th</sup> January 2020)

### New Features and Improvements:

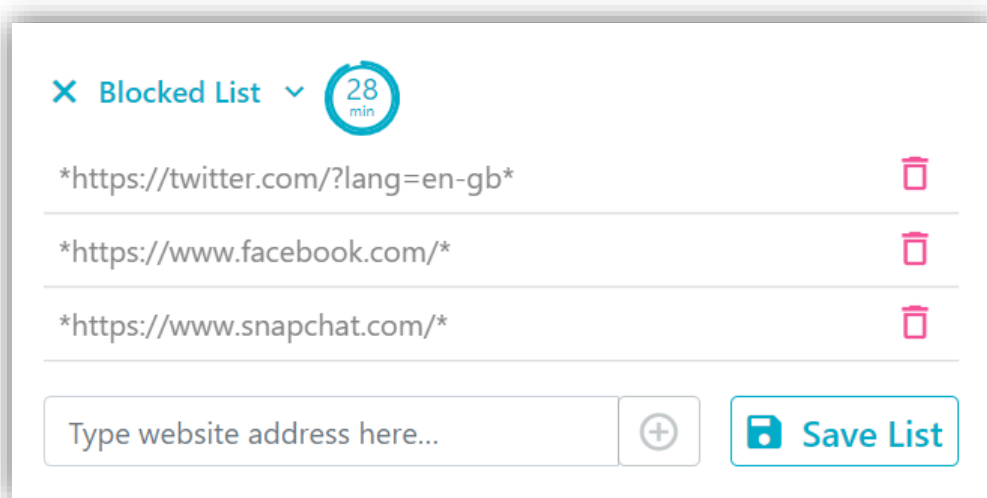
- Block list feature added to Cloud Console – Stop users from accessing specific websites in support browsers
- Save list feature added to Cloud Console – Console users can now save Allow/Block lists they have created
- Complete overhaul of the Allow list interface – Drop down menu added for users to move between Allow/Block/Save list features

### FIXES:

IOS CLIENT	#7628	Fixed NSURL ERROR DOMAIN ERROR -999 when using Impero iOS Browser
WINDOWS CLIENT	#7570	Removed pending folder causing client service not to run
WINDOWS CLIENT	#7443	Added new method of blocking applications that is not reliant on DLL injections
ONEROSTER IMPORT TOOL	#149	Updated OneRoster import tool to support additional SIS datasets including Infinite Campus
IMPERO SERVER, WINDOWS CLIENT	#134	Fixed AD query timeout issue that caused the Windows console to jump to focus
IMPERO SERVER	#139	Update EdPro certificate Expiry to support iOS 13
IMPERO SERVER	#264	Google Classroom sync able to support more than 30 users
IMPERO SERVER	#283	Added a garbage collect tool to clean up settings file and improve performance
IMPERO SERVER	#262	Fixed issue when server web licence expired
IMPERO SERVER, WINDOWS CLIENT, MAC CLIENT	#423	Capture recordings now only viewable from the log viewer
IMPERO SERVER, WEB CONSOLE	#147	Periodically refresh the groups list if a connection issue is detected
WINDOWS CLIENT, IMPERO SERVER	#721	Client TCP connections are now being correctly closed when devices disconnect
WEB CONSOLE	#892	Fixed issue with case sensitivity problems when logging into the web console
IMPERO SERVER	#410	Significantly reduce sync times when importing large amounts of data from Clever

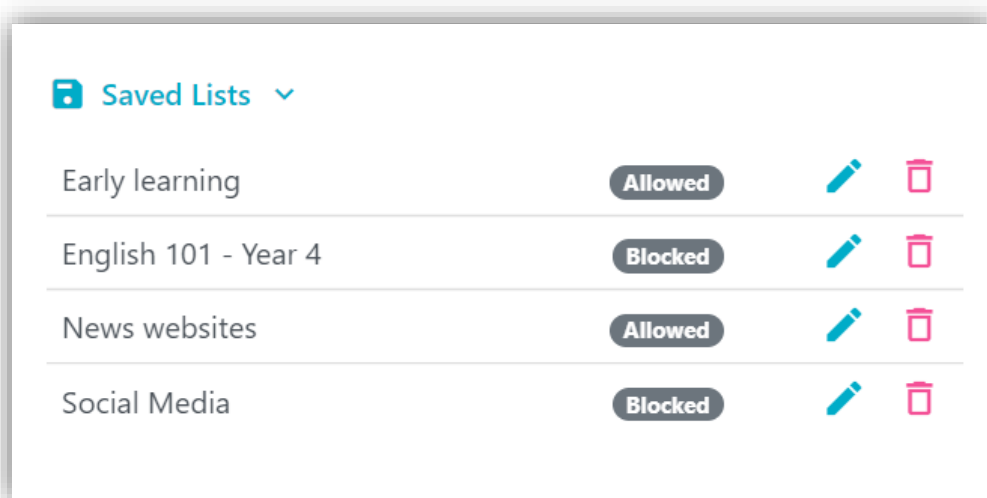
## Blocked list

The Blocked list allows users to create collections of websites they would like to stop students from accessing during their session. Once a website has been added to the list it is blocked for all the members of their group. Once a Blocked list has been created it can be saved and used again later or against another group.



## Saved lists

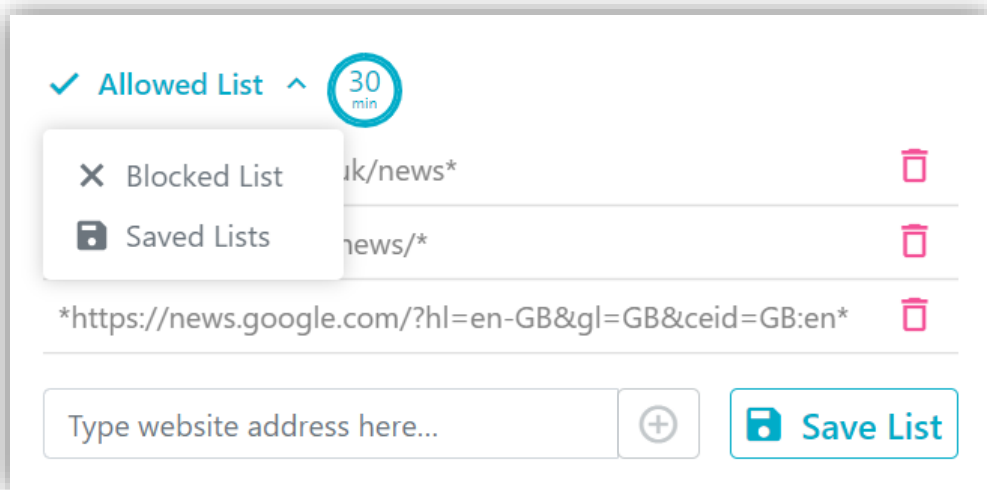
The Saved lists panel shows all Allowed and Blocked lists the user has created and saved. From this panel users can quickly load previously created lists of websites for use against any group the user has access to. Lists can also be edited from this panel.





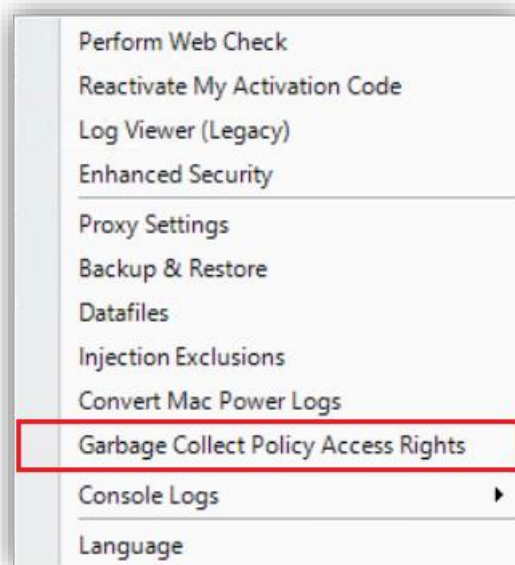
## Allowed list

The Allowed websites panel has been overhauled to accommodate the addition of the Blocked list and Saved lists features. A dropdown menu has been added so users can quickly switch between the available options.



## Garbage Collect Maintenance Tool

Over time Impero Server policy access rights files can become bloated with redundant data from users, groups and polices that have been removed. The Garbage Collect action has been added to the Impero Server tools menu. It is recommended that this tool is used only during maintenance cycles or pre/post upgrade of the Impero Server.



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