



Impero EdLink

v2.0.5 Release Document

June 2019

EXTERNAL



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Minimum System Requirements for Impero Edlink

Described below are the specific system requirements for running Impero Edlink on different operating systems. Please make sure that your system meets these requirements and that your operating system is up to date before downloading the latest version of the Impero Edlink app.

If your system does not meet the minimum requirements, the features of Impero Edlink may not work as described. Actual requirements may also vary based on your system configuration along with the applications and the features you install.

Environmental requirements

- An 802.11 wireless network that is open or using a Pre-Shared Key (PSK)
- Ports that need to be open for registration. 80, 443
- For Apple devices: <https://support.apple.com/en-us/HT203609> but essentially TCP ports 5223, 2195, 2196, 443 (5223 and 443 for enrol and control. Rest of are for MDM servers)
- For Android and Chrome: Outbound TCP connections on ports 5228-5230.
- Schools utilizing SSL-inspecting proxies will need to add a temporary network without SSL interception in order to configure tablets.
- Schools need to ensure consistent connectivity and sufficient bandwidth is available for any initial deployment of apps.

Impero Edlink App – iOS

- iOS version 9.3 and above.
- 40mb Free disk space.
- DEP set up to point to EdLink or access to Apple Configurator 2.
- VPP login and download token or apple ID used to purchase apps.

Impero Edlink App – OSX

- OSX version 10.8 and above.
- 40mb Free disk space.
- DEP set up to point to Impero EdLink or access to Apple Configurator 2

- VPP login and download token or apple ID used to purchase apps.

Recommendation

Impero recommend the use of Apple's Caching service, a caching server can help you make sure all your devices are up to date while leaving your Internet bandwidth almost untouched. It caches all software updates, App Store purchases, iBook downloads, iTunes U downloads (apps and books purchases only), and Internet Recovery software that local Mac and iOS devices download.

What this means, practically speaking, is that instead of making all the Mac and iOS devices in your network run out over the Internet to download and update content from Apple's servers, you can host those updates on your servers, which makes for faster updates and less external bandwidth usage.

Impero Edlink App – Android OS

- Android Version 5.1 and above.
- 40mb Free disk space.
- A Google Account to download the Impero EdLink Application from the Play Store.
- Access to these domains:
 - ntp.org
 - glpals.com
 - akamai.net
 - google.com
 - googleapis.com
 - ggpht.com
 - googleusercontent.com
 - google-analytics.com
 - gstatic.com
 - android.com
 - gvt1.com
 - googlevideo.com
 - api-edlink.imperosoftware.com

Impero Edlink App – Chrome OS

- Enrolled and licenced in the Google Admin Console (Managed)
- Latest ChromeOS version and/or two versions back (Google Admin Requirement)*
- 40mb Free disk space.
- Google Apps for Education for your domain
- A unique Google Apps for Education account for each device
- Google Provisioning API, enabled in the Google Admin Console. (For information, see [Administrative APIs](#) in the Google Apps Administration Help Center.)
- Access to these domains:
 - ntp.org
 - glpals.com
 - akamai.net
 - google.com
 - googleapis.com
 - ggpht.com
 - googleusercontent.com
 - google-analytics.com
 - gstatic.com
 - android.com
 - gvt1.com
 - googlevideo.com
 - api-edlink.imperosoftware.com

*Google and Impero only support 3 versions of Chrome OS (the Latest release build and two versions behind). Automatic updates for Chrome OS devices can be managed from the Google Admin console and it is strongly recommended you enable this feature to maintain functionality with Impero Edlink on your Chrome OS devices.

Impero EdLink Version 2.0.5

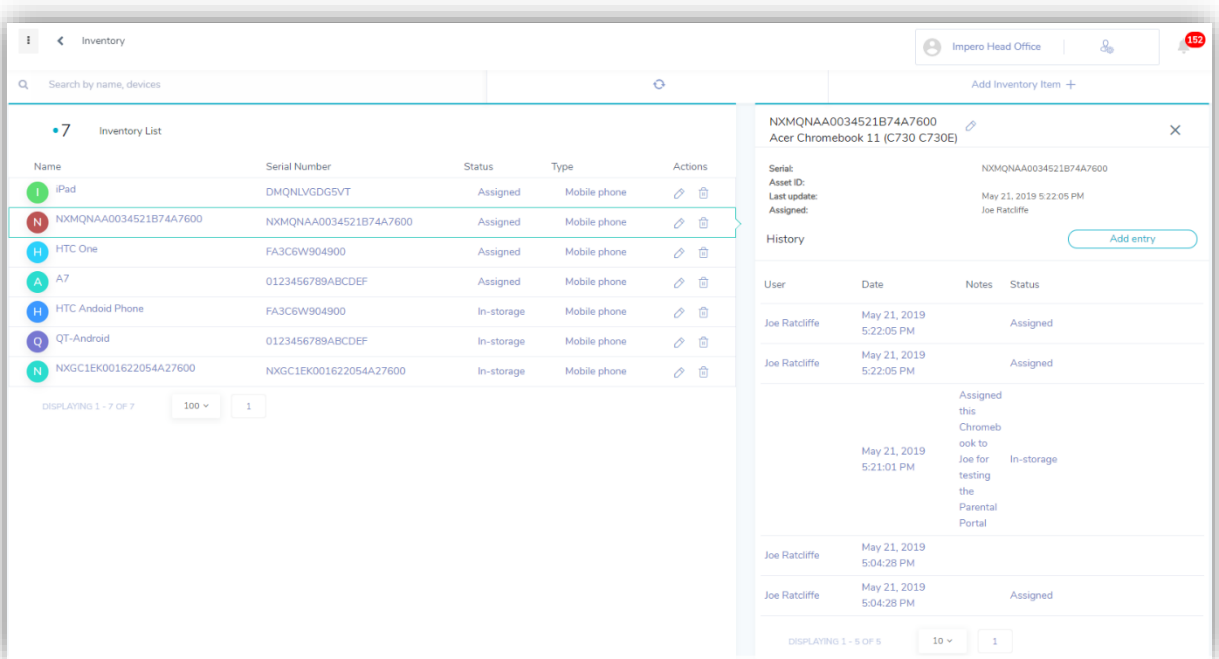
Issue Type	Summary
New Feature	Hardware Inventory Management Facility
New Feature	“Force into Single App Mode until authenticated” now optional
Improvement	Added multiple teacher support for Apple School Manager
Improvement	Improve Notification Informing Parent Not possible to delete a child with linked device
Improvement	The iOS device instant action Single app mode unlock should unlock profile lock as well
Fix	Removed broken alarm function from ChromeOS devices
Fix	Location not always updating on Chromebook
Fix	Unable to change batch enrolment settings
Fix	Attempted to Link School device to parent without success
Fix	Parents unable to create rules in the Parent Dashboard
Fix	When students signs in or out of device it removes link to parent
Fix	Category whitelist/blacklist immutable issue
Fix	Web history on child card reporting different access times to web browser history
Fix	Grammatical errors in Parent Dashboard
Fix	Cannot delete student users from the Dashboard
Fix	Location sync issue
Fix	Google authentication enabled without authorisation on iOS
Fix	URLs can be deleted by school when immutable
Fix	Parent registration issue with timezones
Fix	When new school is created duplicate profiles are created
Fix	Cannot remove linked child device
Fix	Airplay - The device id and password are fulfilled from chrome saved passwords
Fix	Download DEP public key gets blocked - unsafe javascript in Safari Browser
Fix	Application List fails to display
Fix	APNS Certificate update not reflecting new expiry dates
Fix	Blocked applications are still allowed on Android
Fix	Error in Applications when child has more than one linked devices
Fix	Self-install settings Displayed tag before saved changes

Fix	Seeded profile priority Auto priority reorder
Fix	Edit single Geofences button doesn't work
Fix	Student upload with parent details
Fix	Linking Student To Parent, Children with the same name causes validation to break
Fix	Create a School - Not able to add school from dashboard.
Fix	Parent Device linking and Unlinking from School Issue
Fix	Profile doesn't switch from school if there is no schedule
Fix	Apple School Manager Roster sync issues

New Features

Hardware Inventory Management

As School purchase and utilise more and more Technology the need to track and log details of these devices increases. To assist with the management of the fleet of devices a school owns, Impero Edlink has added Hardware Inventory Management to our range of features. Available under the devices page on the main dashboard, Schools can easily export the device list already provided by Edlink and add additional fields to these devices such as asset ID's and its current status as well as any notes required



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