

# impero education pro

Impero Education Pro  
Release Notes (Change Log)  
v8.4.83  
April 2020

impero

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## Version 8.4.83 (29<sup>th</sup> April 2020)

### New Features

Inventory Data collection has also been expanded to report, and not limited to, Free Disk Space, Processor Type, Anti-Virus, Firewall, IP addresses and many more.

### FIXES:

IMPERO SERVER	4877	Improved Connection Stability
IMPERO SERVER	3921	Fixed Issue where unlicensed server causing error messages in the cloud services

### Known Issues:

5237 – Chromebook Extension will not install from GSuite.

### Workaround:

Use Chromebook Extension/App version 8.4.59

## Version 8.4.77 (15<sup>th</sup> April 2020)

### FIXES:

IMPERO SERVER	4103	Fixed issue where remote/thumbnaill was still possible when disable monitoring enabled
IMPERO SERVER	4505	Fixed Issue where remote screenshots was still possible when disable monitoring enabled

Inventory Data collection has also been expanded to report, and not limited to, Free Disk Space, Processor Type, Anti-Virus, Firewall, IP addresses and many more.

## Version 8.4.59 (7<sup>th</sup> April 2020)

### FIXES:

MAC CLIENT	1119	Fixed issue where Mac console thumbnail view jumps back to computer list after 30 seconds
IMPERO SERVER	3759	Fixed issue with Common IDs with Database Shard
IMPERO SERVER	3717	Fixed Issue with Log Viewer crashing when expanding groups
CHROMEBOOK CLIENT	3901	Updated permissions on Chrome Book Extensions

## Version 8.4.42 (4<sup>th</sup> March 2020)

### FIXES:

WINDOWS CLIENT	1745	Fixed issue where recordings were not sent to server if user logs off before recording finishes
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## Version 8.4.40 (19<sup>th</sup> February 2020)

### FIXES:

IMPERO SERVER	970	Fixed Client Service not starting
IMPERO SERVER	1949	Improved Connection resiliency to Cloud Service
IMPERO SERVER	2373	Fixed Server Crashing when no clients have ever connected
CHROMEBOOK CLIENT	2825	Fixed issue where users can not close or focus tabs
WINDOWS CLIENT	1616	Fixed issue where users can still use keyboard when blank screen is selected
IMPERO SERVER	627	Fixed issue where SIS integration import time change inexplicably
WINDOWS CLIENT	2910	Fixed issue where not all clients installed after auto-update

Improved various logging elements

## Version 8.4.32 (28<sup>th</sup> January 2020)

### FIXES:

IMPERO SERVER	1734	Fixed Server crash when sending response to disconnected connection service
WINDOWS CLIENT	925	Fixed client console when it confused when multiple people log in/out of a PC
IMPERO SERVER	1594	GFI/LanGuard license update
IMPERO SERVER	950	Fixed allowed websites remaining after timer expires
WINDOWS CLIENT	1096	Fixed log viewer filtered results

## 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 when case sensitivity caused problems when logging into the web console
IMPERO SERVER	#410	Significantly reduce sync times when importing large amounts of data from Clever

## Version 8.3.26 (12<sup>th</sup> September 2019)

### New Features and Improvements:

- Improved Power and usage reporting in VDI environments
- Enhanced Patch Management to support Cloud hosted servers
- Windows Blank Screen Driver for Windows 10 is now only installed on a device when the feature is used

### FIXES:

IMPERO SERVER	EP-7430	Impero server stops trying to connect to connection service
CLOUD CONSOLE	EP-7427	Fixed “Unfortunately, you are not currently licensed to use this module of Education Pro” message
CONNECTION SERVICE	EP-7404	Impero Servers cannot be accessed from the Cloud
CLOUD CONSOLE	EP-7403	Inactivity page sign in button does not allow you to sign back in
CLOUD CONSOLE	EP-7331	Selection not preserved when changing between Admin live view and list view
WINDOWS CONSOLE	EP-7094	Resolved exploit allowing users to gain remote control when access rights were not set
MACOS CLIENT	EP-6415	Quickly locking and unlocking group can cause Mac to be permanently locked
IMPERO SERVER	EP-6356	Multiple captures no longer triggered for managed policies
CHROMEBOOK CLIENT	EP-7265	Chromebook client works with newer Impero Server versions
WINDOWS CLIENT	EP-6906	Fullscreen broadcast can be bypassed via CTRL+ALT+DEL
IMPERO SERVER	EP-7346	Lock screen briefly appears when closing and re-opening Chromebook lid
WINDOWS CLIENT	EP-7316	Policies stop applying after rebooting Windows
IMPERO SERVER	EP-7568	Impero Server can get in a deadlock state at midnight and stop responding
IOS CLIENT	EP-7628	Fixed NSURL ERROR DOMAIN ERROR -999 when using Impero iOS Browser

**Mac Client update – After installation restart the computer.**

**Mac Client update – UDP Broadcast has been removed from the MacOS client. In order to connect to your Impero Server you will need to create a ServerIP file or a DNS entry. Please contact Impero Support if you require any assistance**

## Version 8.2.24 (27<sup>th</sup> June 2019)

### New Features:

- Expansion of EdAdmin Module in Impero C Series
  - ✓ **Admin List and Live view** – Allows Admins to monitor and support large groups of devices on the network
  - ✓ **Device Overview** – Displays device details such as model and serial number and device user history, who logged in and when
  - ✓ **Geolocation for ChromeOS** – Managed ChromeOS devices supply last known location when logged in with Managed user account
  - ✓ **Admin focused Dashboard** – 3 all new Visualisations highlighting **Devices under 10% remaining storage, Device not connected to Impero for 7 days and Devices unused for 7 days**
- Improved Navigation Menu in Impero C Series
- Chromebooks added to Power usage reporting

### FIXES:

WINDOWS CLIENT	EP-6943	Expanded dates displayed correctly in log viewer
IMPERO SERVER	EP-6823	Changes to confide Classifications are now saved correctly
APPLE IOS CLIENT	EP-5881	EdPro iOS Browser won't search for terms with spaces
WINDOWS CLIENT	EP-4253	Capture notifications display no captures in the Impero Console
WINDOWS CLIENT	EP-7277	No logging for exceptions when checking websites
WINDOWS CLIENT	EP-7160	High Memory usage by ImperoWinlogonApplication
WINDOWS CLIENT	EP-7155	Lowercase in computer name prevents captures & recent history displaying in computer list view
IMPERO SERVER	EP-7157	No RDS device groups populating in edpro.cloud
WINDOWS CLIENT	EP-7169	Multiple displays not appearing when in Remote Control

**Mac Client update – After installation restart the computer.**

**Mac Client update – UDP Broadcast has been removed from the MacOS client. In order to connect to your Impero Server you will need to create a ServerIP file or a DNS entry. Please contact Impero Support if you require any assistance**



## Version 8.1.41 (9<sup>th</sup> May 2019)

### New Features:

- Apple Mac in C Series – MacOS support added to Impero C Series
  - ✓ Live View
  - ✓ Remote Control
  - ✓ Launch Website
  - ✓ Lock Screen
  - ✓ Disable Internet\*
  - ✓ Send Message
  - ✓ Allowed Website List\*

### FIXES:

IMPERO SERVER	EP-6985	DataAccessLog.log file preventing imperoserverSVC service from running correctly
WINDOWS CLIENT	EP-6975	Impero Client process correctly terminates when stopping imperoclientSVC service
WINDOWS CLIENT	EP-6930	Resolved issue with certain resolutions and display settings preventing the whole screen from being viewed in thumbnail/remote control views
WINDOWS CLIENT	EP-5459	Fixed “insert smart card” popup message on some Windows devices
IMPERO SERVER	EP-7092	Console/Workstation limits update correctly following web check
WINDOWS CLIENT	EP-6315	Resolved captures and recent history intermittently failing to load in the computer list view
IMPERO SERVER, WINDOWS CLIENT	EP-7058	Fixed duplicate managed policy causing settings and policies not to apply
MACOS CLIENT	EP-7144	UDP broadcast server discovery removed from MacOS client
IMPERO SERVER, WINDOWS CLIENT	EP-7136	Added Virtual Box injection exclusions to Impero Server

## Mac Client update – upgrading from v7.4 or earlier

Mac Client update – After installation of v8.1.41 or higher on MacOS, you are required to restart the computer.

Mac Client update – UDP Broadcast has been removed from the MacOS client. In order to connect to your Impero Server you will need to create a ServerIP file or a DNS entry. Please contact Impero Support if you require any assistance

\*Browser extension required

## Version 8.0.64 (4<sup>th</sup> April 2019)

### FIXES:

WINDOWS CLIENT	EP-2588	Fixed Request Assistance alert not being sent when at the Windows login screen or ctrl+alt+del screen
MAC CLIENT	EP-5774	Filter button now correctly applying in Mac console
WINDOWS CLIENT	EP-6259	Fixed issue with Windowed Broadcast populating the rest of the screen with a grey background
WINDOWS CLIENT	EP-6560	Send file now works to logged out machines
IMPERO SERVER	EP-6628	Fixed issue where ilog files expanded to a large size in a short period of time
WINDOWS CLIENT	EP-6974	Reverted DPI changes to fix Broadcast and Remote Control not show full screen
WINDOWS CLIENT	EP-6944	Client is now correctly downloading and applying the injection exclusions list
CHROME CLIENT	EP-6955	Resolved issue preventing the Chrome client from starting in some cases
MAC CLIENT	EP-6893	Upgraded Mac Client to use TLS1.2*
WINDOWS CLIENT	EP-6975	Impero Client process terminated correctly when stopping ImperoClientSVC service

## Version 7.4.36 (14<sup>th</sup> December 2018)

### New Features:

- Impero Alert – Quickly send Alerts to all connected Impero Clients using a mobile messaging app
- Power Management Reports – added export to CSV option to Usage Analysis

### FIXES:

WINDOWS CLIENT	EP-4299	Fixed console display scaling issue when NOT set to 100% (Windows 8/10 only)
WINDOWS CLIENT, MAC CLIENT, CHROME CLIENT	EP-6329	Multiple client connectivity issues resolved across Windows, Mac and Chrome platforms
WINDOWS CLIENT, WINDOWS SERVER	EP-6341	Fixed console not responding issue
CLASSROOM CLOUD	EP-6398	Fixed stale connections being displayed in Classroom Cloud
CCS (CLOUD CONNECTION SERVICE)	EP-6420	Resolved issue with access token expiry causing connection service to fail
IMPERO SERVER	EP-6445	Fixed out of memory exception that causes data XML's to reset to default
IMPERO SERVER	EP-6641	Resolved issue with database WAL files growing to big
CHROME CLIENT	EP-6616	Resolved issue when ChromeOS devices get stuck in a "connecting" state in the thumbnail view
CHROME CLIENT	EP-6447	Screen sharing message on ChromeOS times out after 180 seconds when Impero Server is unavailable

## Version 7.3.36 (26<sup>th</sup> October 2018)

### New Features:

- Classroom Cloud Enhancements – view more than 50 live thumbnails per group
- Classroom Cloud Enhancements – Time limit on Allowed Website list
- Hacking and Cybercrime Keyword Library

### FIXES:

WINDOWS CLIENT	EP-6258	Automatically download missing Impero Relay files
CLASSROOM CLOUD	EP-6052	Users are able to unlock screens after 51 <sup>st</sup> group member joins
IMPERO SERVER	EP-6309	Fixed group ID issue allowing users to view captures they don't have access to
WINDOWS CLIENT, CHROMEBOOK CLIENT	EP-6281	Fixed broadcast shrink issue have group is refreshed in Impero Console
CHROMEBOOK CLIENT	EP-6278	Improved performance on Chromebooks Receiving Lock Screen and Disable Internet
MACOS CLIENT, CHROMEBOOK CLIENT	EP-6268	Fixed Mac Console not locking all Chromebooks in group
CHROMEBOOK CLIENT	EP-6282	Chromebooks retain policy, group and setting data, dramatically improving performance
CHROMEBOOK CLIENT	EP-6395	Chromebook - built-in policies overwrite cache
IMPERO SERVER, WINDOWS CLIENT	EP-6394	AD based groups can cause connectivity issues
CHROMEBOOK CLIENT	EP-6381	If Chromebook is locked soon after start up it sometimes won't initially lock
CLASSROOM CLOUD	EP-6369	Slowly connecting thumbnails
CHROMEBOOK CLIENT	EP-6340	Chromebook connectivity issues - NACL crashing on start up
MACOS CLIENT	EP-6123	Mac - Console slow to open with large group numbers
MACOS CLIENT	EP-5365	Macs disconnect and require reboot or service restart

## Version 7.2.43 (25<sup>th</sup> September 2018)

### New Features:

- Broadcast Screen – Teachers can broadcast their screen to students
- Change Password – Teachers can reset/change the login password for students on a Windows device

### FIXES:

WINDOWS CLIENT	EP-4535	Missing translations fixed in Power Management reports
APPLE OSX CLIENT	EP-5972	Add Full name to Mac thumbnail view.
WINDOWS CLIENT	EP-5973	Configure Policy Schedule interface to be Colour Blind friendly
CLASSROOM CLOUD	EP-6020	Displays a warning when Classroom Cloud group exceeds number of clients it can display
CLASSROOM CLOUD	EP-6043	Processing access rights resolved an issue resulting Intermittent google classroom Sync fails
ALL CLIENTS	EP-6047	Dramatically improved allowed website list propagation performance
APPLE OSX CLIENT	EP-6050	Updated policy schedule interface to be colour blind friendly
CLASSROOM CLOUD	EP-6058	Removed 200 group limit in Classroom Cloud
WINDOWS CLIENT	EP-6096	Remote connections not showing up under Computer in the Log Viewer
IMPERO SERVER	EP-6121	Offline users don't appear in the log viewer dates view
IMPERO SERVER	EP-6142	Prevent v5.2 or older clients connecting to v7.2+ Impero Server
APPLE OSX CLIENT	EP-6247	Mac console gets confused when losing connection or switching servers
CLASSROOM CLOUD, SINGLESIGNONSERVER	EP-6248	Support URL lengths beyond default 2048 characters when conducting Google Classroom sync
IMPERO SERVER	EP-6249	Match local device accounts to Clever users during sync.
WINDOWS CLIENT	EP-6250	Improved system clean up after console crash
CHROMEBOOK CLIENT	EP-6272	Fixed broadcast showing large Impero icon
IMPERO SERVER	EP-6245	Changed default console access rights for new installs to no access

## Version 7.1.32 (17<sup>th</sup> August 2018)

### New Features:

- Google Classroom Integration – Allows authorized users to import classes created in Google Classroom directly into Classroom Cloud creating groups, adding members and setting access rights
- Impero Server Browser tool added to Mac Client – Allows authorized users to switch Impero Console between different Impero Servers

### FIXES:

WINDOWS CLIENT	EP-5678	Added 2min auto reconnect to Screen Broadcast for users that disconnect from Network
ENTERPRISE CONSOLE	EP-5785	Added “Enable Google Classroom Integration” option to Enterprise Console
WINDOWS CLIENT, IMPERO SERVER	EP-5873	‘Pending’ folder removed after auto update of client
WINDOWS CLIENT, IMPERO SERVER	EP-5918	Added ‘dllhost.exe’ to the Impero Server injection exclusions. Resolves High CPU usage issue on Windows 10
WINDOWS CLIENT, IMPERO SERVER	EP-5916	Added ‘ClipUp.exe’ to the Impero Server injection exclusions. Resolves Windows activation not working
IMPERO SERVER	EP-5940	Added Admins listed on the SIS Integration tab to access rights for all Google Classroom groups
WINDOWS CLIENT	EP-5963	Fixed crash after ending Broadcast in some circumstances
WINDOWS CLIENT	EP-2354	Pop-up message appears in “Take Control” mode when a UAC prompt appears with recommended actions

## Version 7.0.65 (1<sup>st</sup> June 2018)

### New Features:

- Client/Server Performance Enhancements total clients per server more than tripled
- SIS/MIS Integration Update Import directly from CSV file
- Google Authentication added to Classroom Cloud and Enterprise Console
- Advanced LDAP new configuration settings added to Impero Server
- Windows 10 Hybrid Shutdown added new shutdown options in group settings for improved WOL support in response to Windows 1803 Spring Creators changes
- Windows Console startup speed enhancements

### FIXES:

APPLE OSX CLIENT	EP-140	Live thumbnail, view by username
APPLE OSX CLIENT	EP-106	Run website not working with Chrome or Firefox
CHROMEBOOK CLIENT, WINDOWS CLIENT	EP-3352	Screenshot via remote session aren't saved
WINDOWS CLIENT	EP-3670	Broadcasting to a login screen doesn't display the second broadcast
WINDOWS CLIENT	EP-3725	Screenshots can show "Modified outside Impero" if taken to quickly
WINDOWS CLIENT	EP-3802	"Cancel Broadcast" doesn't close broadcast
APPLE OSX CLIENT	EP-4144	Mac broadcast fails displays a blank screen
APPLE OSX CLIENT	EP-4196	2 computer instances created after logging in
WINDOWS CLIENT	EP-4748	Unable to login to progresso.net using Chrome browser
WINDOWS CLIENT	EP-5080	Open square bracket in policy item stops after login in
WINDOWS CLIENT	EP-5412	Client taking a long time to connect after logging in
CHROMEBOOK CLIENT	EP-5417	Chromebook not going to sleep when impero client is installed
APPLE OSX CLIENT	EP-5458	Run website on an iOS device opens safari instead of Impero app
APPLE OSX CLIENT, CHROMEBOOK CLIENT	EP-5495	Locking/unlocking Chromebook screen slow at applying

APPLE OSX CLIENT	EP-5572	Can't browse to the impero console using command+tab
IMPERO SERVER	EP-5646	Error importing clever sections
ENTERPRISE CONSOLE, CLASSROOM CLOUD	EP-5596	Preserve data when customer goes from beta to production and back
IMPERO SERVER	EP-5618	Add advanced LDAP configuration options
IMPERO SERVER	EP-5743	Webcheck URL contains activation code
WINDOWS CLIENT	EP-5766	VerifyPeer is causing high CPU usage in RDS environments
APPLE OSX CLIENT	EP-2564	Mac - Remove from group fails when the user is in a built in group
APPLE OSX CLIENT	EP-2606	Mac - Take control not preventing physical user control
APPLE OSX CLIENT	EP-3253	Mac - Cannot double click when remote controlling the mac
APPLE OSX CLIENT	EP-3366	Mac Console - Send message not sending to Windows machines
APPLE OSX CLIENT	EP-3410	Mac - Can't turn off live thumbnails via access rights
APPLE OSX CLIENT	EP-3412	Mac - Group setting for some access right features not working
APPLE OSX CLIENT	EP-3422	Mac Console - Recent history not working
WINDOWS CLIENT	EP-3491	Advanced Policies - Multiple URL captures being triggered
APPLE OSX CLIENT	EP-3830	Mac Description is not filled in correctly in LogViewer for captures from Mac OSX
APPLE OSX CLIENT	EP-4217	Mac - Run Website/File not opening website
APPLE OSX CLIENT	EP-5376	Mac - Can use delete button to remove a group when remove group access is disabled
APPLE OSX CLIENT	EP-5609	Mac - Remote control doesn't connect until screen changes
APPLE OSX CLIENT	EP-5625	MAC Console User visible if console domain is not .local
APPLE OSX CLIENT	EP-5626	MAC - console thumbnail view not cleaning up screen connections when closed
APPLE OSX CLIENT	EP-5635	Mac - white screen displayed intermittently when a broadcast ends
APPLE OSX CLIENT, CHROMEBOOK CLIENT	EP-5676	Message sent from MAC to Chromebook is garbled
APPLE OSX CLIENT	EP-5721	Mac - Violation data not initially visible in the list view when opening the console



## Version 6.4.43 (26<sup>th</sup> April 2018)

### New Features:

- Classroom Cloud - Allow only website list added
- Enterprise Console – Managed Policy Status & Profiles
- Microsoft Edge Browser Extension
- Active Directory support for Mac OSX

### Improvement and Enhancements:

- VDI Environment Performance Enhancements
- Mac Client Improvements
- Remove separate Classroom Cloud user from Console Access Rights
- Log off Previous user session when logging in for a second time
- Blank Screen Driver for Windows 10

### FIXES:

WINDOWS CLIENT	EP-5439	High CPU usage on VDI Session
APPLE OSX CLIENT	EP-3428	Printing not working when client cannot connect to server
WINDOWS CLIENT	EP-5420	Excessive disk usage on the client in VDI Environments
WINDOWS CLIENT	EP-5414	Full screen broadcasts flickering on the client machines
WINDOWS CLIENT	EP-5379	High CPU on VDI Environments
IMPERO SERVER	EP-5363	Impero Server becoming unresponsive due to rising thread count
APPLE OSX CLIENT	EP-5353	Mac Console gets incorrect access rights when two or more users have similar usernames in console access rights
IMPERO SERVER	EP-5333	Cannot migrate Insight users to groups data from one EdPro server to another
APPLE OSX CLIENT	EP-3301	Mac Client not respecting group priorities
WINDOWS CLIENT	EP-1852	Multiple monitors sometimes do not appear on the remote view/control feature
APPLE OSX CLIENT	EP-578	Mac Console authentication problems

APPLE IOS CLIENT, APPLE OSX CLIENT, CHROMEOS CLIENT, WINDOWS CLIENT	EP-16	Console users can record or take a screenshot of a computer they have been denied remote access to
WINDOWS CLIENT	EP-5374	Impero Console slow to close
WINDOWS CLIENT	EP-4928	Log off previous user session when logging in a second time
IMPERO SERVER, TEACHER CONSOLE	EP-5092	Remove separate classroom cloud user from console access rights
WINDOWS CLIENT	EP-3114	Add blank screen monitor driver to remote control
TEACHER CONSOLE	EP-4629	Manage allow only list for group
WINDOWS CLIENT	EP-4725	Grey screen when the console is opened on a fast user switch account
WINDOWS CLIENT	EP-4928	Log off previous user session when logging in a second time
TEACHER CONSOLE	EP-4979	Display Chromebook thumbnails in Chrome
WINDOWS CLIENT	EP-5158	Add blank monitor screen driver to Windows client installer
INSIGHT	EP-5362	Insight customer can only see 14 days of captures
APPLE OSX CLIENT	EP-5410	Offline logs not Syncing back to Impero Server
WINDOWS CLIENT	EP-5466	Blank screen monitor driver does not work on Windows 8
CHROMEBOOK CLIENT	EP-5491	ChromeOS remote view goes grey if end user closes and reopens Chromebook lid
CHROMEBOOK CLIENT, WINDOWS CLIENT	EP-5541	Chrome Browser/Chromebook – allow list websites are still being blocked
BROWSER EXTENSIONS, CHROMEBOOK CLIENT	EP-5529	Chrome extension logging multiple log entries for the same page
IMPERO SERVER	EP-5530	AUP's that contain a page break resets all settings
IMPERO SERVER	EP-5594	Log viewer incorrectly shows captures for users against the wrong group
APPLE IOS CLIENT, WINDOWS CLIENT	EP-5614	iOS Console - thumbnails not working for Windows clients
WINDOWS CLIENT	EP-5486	RDS environment maxing out the CPU
WINDOWS CLIENT	EP-5612	No access to Entire network causes console users to not see captures from other groups

## Version 6.3.74 (6<sup>th</sup> April 2018)

### FIXES:

IMPERO SERVER	EP-5594	Log Viewer incorrectly shows captures for users against the wrong group
WINDOWS CLIENT	EP-5439	High CPU on VDI Session

## Version 6.3.72 (5<sup>th</sup> February 2018)

### New Features:

- Cross Platform AUP, now includes iOS, Windows, MAC and Chromebook.
- Classroom Cloud Console
- Disable Monitoring
- New Console Access Right to restrict whether new items can be added to a group by name.
- Clever - Method to choose which clever field to map usernames too
- Clever - Option for Impero Admin to give themselves access to ALL groups.

### Improvement and Enhancements:

- Send and Run a file with credentials.

### FIXES:

WINDOWS CLIENT	EP-959	Disable Workstation should stop the Impero Client from monitoring
WINDOWS CLIENT	EP-4068	Pin groups - Incorrect user joining Pin group
WINDOWS CLIENT	EP-1033	Remove the YouID button in the Impero Console
WINDOWS CLIENT	EP-5052	Adding users to a group during group creation will not populate the group
WINDOWS CLIENT	EP-5018	Console stop responding when enabling managed policies with 1200 users + 800 groups
WINDOWS CLIENT	EP-4909	Console Users have the ability to send console Actions/Functions to the Entire Network after service restart

WINDOWS CLIENT	EP-4836	Block policies not triggering when remoted onto a computer inside a computer group
WINDOWS CLIENT	EP-4066	Windows 10/8.1 clients can escape full-screen broadcasts
WINDOWS CLIENT	EP-3961	Perform inventory does not work for Windows PC's
WINDOWS CLIENT	EP-5095	Unknown Command message clogging up the client logs.
WINDOWS CLIENT	EP-5073	Thumbnails appearing for users that don't have access to entire network
WINDOWS CLIENT	EP-5039	Console won't open after upgrade
WINDOWS CLIENT	EP-4992	Bad Console Performance when adding a new group with a large amount of groups and clients
WINDOWS CLIENT	EP-4966	Wake on LAN wakes the wrong machine.
WINDOWS CLIENT	EP-4965	iOS devices earlier then 5004 don't hide the recent history or captures.
WINDOWS CLIENT	EP-4920	URL blocking issues when using Youtube's search function
WINDOWS CLIENT	EP-4871	CPU spiking when making group changes when there are already a large amount of groups
WINDOWS CLIENT	EP-4835	Patch management missing French translations
WINDOWS CLIENT	EP-4640	Patch Management - Scheduled scans for Sundays do not work
WINDOWS CLIENT	EP-4314	Extra task tray icons appearing randomly
WINDOWS CLIENT	EP-4176	InjectionDriver isn't properly signed
WINDOWS CLIENT	EP-3877	Force Google Safe Search Preventing Google Terms Form From Displaying Correctly
WINDOWS CLIENT	EP-21	Console - Live thumbnails - Thumbnail view scrolls to the top when a user logs on
WINDOWS CLIENT	EP-5091	Advanced policies - Multiple copies of built-in policies
WINDOWS CLIENT	EP-4818	Windows 10 Login Freezing When Take Control is Selected
WINDOWS CLIENT	EP-4784	Upgrading to V6 causes Hyper-V to not start any virtual machines
WINDOWS CLIENT	EP-4111	Inventory - reports only shows one stick of RAM even if more are present
WINDOWS CLIENT	EP-4051	Send message sending to random users
WINDOWS CLIENT	EP-3747	Log viewer - Resolve as false positive not working in reports

WINDOWS CLIENT	EP-833	Multiple users alert message "view" button broken
WINDOWS CLIENT	EP-974	Console reporting clients idle when in use
WINDOWS CLIENT	EP-684	Not possible to re-enable USB storage when "allowed devices only" setting is applied to a group
WINDOWS CLIENT	EP-5040	Basic console - French translation issues
WINDOWS CLIENT	EP-4925	Error message in server log.
WINDOWS CLIENT	EP-4108	Editing a Send Message Action Policy Text Box Appears Blank
MULTISERVERMANAGEMENT	EP-4923	Enterprise Console - SMTP port field unable to delete the 0 and when limit reached number changes
IMPERO SERVER, WINDOWS CLIENT	EP-4874	Upgrading from 6.1.68 to 6.2.36 causes policy access rights to be removed
IMPERO SERVER, WINDOWS CLIENT	EP-4938	Disconnecting from the server causes client to use large amounts of CPU
IMPERO SERVER	EP-4772	Clever - Add a method to choose which clever field to map usernames too
IMPERO SERVER	EP-4863	Clever - Add option for Impero Admin to give themselves access to ALL groups
IMPERO SERVER	EP-4862	Maintain customer access rights from within Impero 'Console Access rights' configuration on existing Clever import groups.
IMPERO SERVER	EP-3833	Delete log files if older than x not working
IMPERO SERVER	EP-5064	Console Logs - Unhandled Exception when clicking inside the window
IMPERO SERVER	EP-5037	Console Access Rights - server GUI App stops responding when adding a user with 1000+ groups
IMPERO SERVER	EP-5020	After an upgrade lots of groups disappear
IMPERO SERVER	EP-5002	Tidy Access Control settings for Clever Sync
IMPERO SERVER	EP-4722	Impero server stops logging
IMPERO SERVER	EP-4384	Console Access Rights Tab is slow after importing > 1000 groups
IMPERO SERVER	EP-5081	Event 7016 on Impero Server Machine
IMPERO SERVER	EP-3380	Cannot remove existing items from favourites
IMPERO SERVER	EP-3683	Clients are sometimes added to the auto update queue multiple times
FIREFOX, WINDOWS CLIENT	EP-5038	Firefox extension constantly disconnects and reconnects to Impero Client

CHROMEBOOK CLIENT, WINDOWS CLIENT	EP-944	Cancelling a broadcast of another users screen not cancelling on Chromebooks
CHROMEBOOK CLIENT	EP-5031	Chromebook - Force safe search causes Google Docs to fail to connect
CHROMEBOOK CLIENT	EP-4255	Disable resource logging not affecting Chromebooks
APPLE OSX CLIENT, WINDOWS CLIENT	EP-4405	Offline clients fail to sync logs and captures when back online
APPLE OSX CLIENT, IMPERO SERVER, WINDOWS CLIENT	EP-4843	Add new Console Access Right to restrict whether new items can be added to a group by name
APPLE OSX CLIENT	EP-5009	Mac - Managed policy written word test terms not working
APPLE IOS CLIENT	EP-5047	Written Word Managed Policies Not Triggering on iOS
APPLE IOS CLIENT	EP-3518	iOS - "Hello world" visible under Impero iOS plugin
CHROMEBOOK CLIENT	EP-2601	Show Acceptable Usage Policy (AUP) on Chromebook
APPLE IOS CLIENT	EP-5166	iOS can hang when remote user closes their view of the screen
IMPERO SERVER	EP-5058	On EdPro server upgrade the ImperoServerSVC service sometimes fails to stop
IMPERO SERVER, WINDOWS CLIENT	EP-5122	Cannot stop sending thumbnails if client loses connection to server
IMPERO SERVER	EP-5230	High CPU usage on RDS when Managed Policies Enabled
WINDOWS CLIENT	EP-5097	Scheduled Reports Not Working
WINDOWS CLIENT	EP-5138	Impero Console is not auto refreshing
WINDOWS CLIENT	EP-5183	Client lockup while removing out of date group members
WINDOWS CLIENT	EP-5186	Live Thumbnails stopped appearing in console
WINDOWS CLIENT, APPLE OSX CLIENT	IBE-20	Firefox browser extension for version 57+
APPLE IOS CLIENT	EP-4119	Show Acceptable Usage Policy (AUP) on iOS Client
WINDOWS CLIENT	EP-2555	Send and Run file with Credentials
APPLE OSX CLIENT	EP-5145	Impero Server browser tool for Mac
IMPERO SERVER	EP-4398	Definable set of console access rights for teachers imported via SIS Integration (Clever)

## Version 6.2.52 (7<sup>th</sup> December 2017)

### FIXES:

WINDOWS CLIENT	EP-5039	Education Pro Console won't open after upgrade
WINDOWS CLIENT	EP-5073	Thumbnails appearing for users who don't have access to the 'Entire Network'

## Version 6.2.49 (19<sup>th</sup> October 2017)

### New Features:

- Auto Update of Managed Policies.
- Enterprise Console (Multi Server Management)
- New CTIRU Keyword Library
- Resources Tab in the Impero EdPro Console.

### Improvement and Enhancements:

- Talk and Listen feature – Excluding from the MAC console and for sites using Faster User Switching.
- Chromebook capture Screenshots now include the overlay.
- Console Users have the ability to send console Actions/Functions to the Entire Network after service restart.

### FIXES:

WINDOWS CLIENT	EP-4990	Added Retry mechanism for getting AD groups if LDAP server is down
APPLE OSX CLIENT	EP-5009	Mac - Managed policy written word test terms were not triggering
WINDOWS CLIENT	EP-4871	Performance Improvement (CPU spikes) when making changes to groups when there are a large amount of groups in use
WINDOWS CLIENT	EP-4992	Console Performance improvements when adding groups when 850 groups & 1200 clients & managed policies (incl. CTIRU)
WINDOWS CLIENT	EP-5003	Email Alerts - Settings were not being saved
WINDOWS CLIENT	EP-5015	Client does not get AD groups if the user logs on in during a certain time window.
WINDOWS CLIENT	EP-2	Log viewer does not show network printers.
APPLE OSX CLIENT, IMPERO SERVER	EP-56	MAC: violations all show minor severity in computer list view no matter what real severity is
WINDOWS CLIENT	EP-780	Windows 2012 RDS Server - Multiple "MetroAppInterface.exe" processes running causing memory issues and Other General Issues
WINDOWS CLIENT	EP-803	Collect files - Clients can see drives they do not have access to

CHROMEBOOK CLIENT	EP-610	Capture Screenshots on Chromebooks do not display the overlay
APPLE OSX CLIENT, WINDOWS CLIENT	EP-778	Talk and listen features do not work - Excluding EP-4823 Talk & Listen does not work with fast user switching & EP-4824 Talk and Listen features not working on Mac console
WINDOWS CLIENT	EP-4018	Bypass Remote Control Deny Access
WINDOWS CLIENT	EP-4096	Capture Overview (Cover flow) Not Displaying Captures images for review
WINDOWS CLIENT	EP-4177	Connection issues on Windows 7 32 bit
CHROMEBOOK CLIENT	EP-4376	Chromebook: Able to temporarily disable impero client application
WINDOWS CLIENT	EP-4414	Windows - Directory Import using containers causes memory spike and console crash
IMPERO SERVER	EP-4692	High CPU when restarting server
WINDOWS CLIENT	EP-4779	Console - Group Lock on group created by OS does not work
IMPERO SERVER	EP-4766	Managed Policy Updates folder not being created on server OS's
WINDOWS CLIENT	EP-4767	Unable to print through Impero using local machine
IMPERO SERVER	EP-4771	Managed Policies updates cause high RAM usage
WINDOWS CLIENT	EP-4743	Console - Clicking Cancel Broadcast in the pop up when in basic view crashes the console
WINDOWS CLIENT	EP-4821	Captures not logging when triggered from a group added by Type of Client or Operating system
WINDOWS CLIENT	EP-4770	Multiple captures showing if you don't have access to entire network
IMPERO SERVER	EP-4738	Server locks up after upgrade to 6.0.81
IMPERO SERVER	EP-4861	SIS Integration - Error importing students with neither email or username
IMPERO SERVER		SIS Integration - Policy Access Rights on user created policies overwritten on import
IMPERO SERVER	EP-4857	Update problem on 6.2 with Leased Licenses or when out of support
IMPERO SERVER, WINDOWS CLIENT	EP-4872	Upgrading from 6.1.68 to 6.2.36 causes access to policies to be removed
IMPERO SERVER	EP-4877	Auto Updates - after upgrading from 6.1 to 6.2 managed polices not extracting
WINDOWS CLIENT	EP-4878	Blank DOB in clever data results in error when importing
WINDOWS CLIENT	EP-4906	Console Users have the ability to send console Actions/Functions to the Entire Network after service restart
WINDOWS CLIENT	EP-4909	Pin groups - Incorrect user joining Pin group



WINDOWS CLIENT	EP-4068	Email alerts - Built-in block list email alerts not sent/received
WINDOWS CLIENT	EP-4220	Email Alerts - Settings are not being saved
WINDOWS CLIENT	EP-5003	Send Message – not always sending to correct selection
WINDOWS CLIENT	EP-4051	Move to different group on violations not working

### Version 6.1.68\_(21<sup>st</sup> August 2017)

**FIXES:**

WINDOWS CLIENT	EP-803	Collect files - Clients can see drives they do not have access to
WINDOWS CLIENT	EP-4177	Connection issues on Windows 7 32 bit
WINDOWS CLIENT	EP-4414	Directory Import using containers causes memory spike and console crash
IMPERO SERVER	EP-4740	Update with latest GFI Licence Key
IMPERO SERVER	EP-4766	Managed Policy Updates folder not being created on server OS's
WINDOWS CLIENT	EP-4770	Multiple captures showing if you don't have access to entire network
APPLE OSX CLIENT	EP-4794	Mac Installer and Mac Distribution certificates update

## Version 6.1.65 (26<sup>th</sup> July 2017)

### New Features:

- Built in device groups.
- Clever SIS Integration
- Insight configuration updates.

### FIXES:

IMPERO SERVER	EP-4747	Policy access rights not retained after upgrade to 6.1
IMPERO SERVER, INSIGHT	EP-4355	Limit EdPro server to return only necessary GroupToCommonId entries during export to Insight
IMPERO SERVER	EP-4360	Remove references to online support portal password which are no longer correct.
IMPERO SERVER	EP-4456	Remove attachments from 'illegal content' keyword policy capture email alerts
APPLE OSX CLIENT	EP-4251	User can edit built-in computer groups on Mac OS X
APPLE OSX CLIENT	EP-4357	Items added to block list not respected when group names contain commas
CHROMEBOOK CLIENT	EP-4079	Console not tracking logged in Chromebook users
CHROMEBOOK CLIENT	EP-4391	Confide usernames appear blank if no display name given on Chromebook
IMPERO SERVER, WINDOWS CLIENT	EP-4313	Language Translation Issues
IMPERO SERVER	EP-4424	Patch Management - Anything that is written in the Journal file is lost when the server is re-started
IMPERO SERVER	EP-4429	EdPro serverservice.log shows negative pending message count
IMPERO SERVER	EP-4507	EdPro server has high CPU use when DataBroker cannot be contacted
IMPERO SERVER	EP-4508	EdPro server fails to auto-upgrade
IMPERO SERVER, WINDOWS CLIENT	EP-4592	Offline captures do not send email alerts when client reconnects
IMPERO SERVER	EP-4692	High CPU when restarting server
WINDOWS CLIENT	EP-3123	Client Translation Issues
WINDOWS CLIENT	EP-3961	Perform inventory does not work for Windows PC's
WINDOWS CLIENT	EP-4002	Impero client/server port allocation causing wrong thumbnails appearing or slow loading thumbnails
WINDOWS CLIENT	EP-4147	Operate logon sits on Log in screen with focus in password field

WINDOWS CLIENT	EP-4215	Display name not always showing
WINDOWS CLIENT	EP-4241	Deploy msi - .net message displays.net 3.5 instead of .net 4.6
WINDOWS CLIENT	EP-4247	Upgrading clients to SP issues/Update queue clearing on webcheck
WINDOWS CLIENT	EP-4310	Thumbnail view leaks socket objects
WINDOWS CLIENT	EP-4372	Saving a PDF to a network share with a space in the path fails to open it.
WINDOWS CLIENT	EP-4412	Exam Module - Create new exam button not working
WINDOWS CLIENT	EP-4434	The order of 'My Groups' in the console has been updated
WINDOWS CLIENT	EP-4588	Closing Chrome browser with the Impero Education Pro extension installed causes an uncaught KeyNotFoundException to be thrown
WINDOWS CLIENT	EP-4591	Console locked up with 1200 groups + 1000 clients
WINDOWS CLIENT	EP-4601	Windows - Logging out with unsaved document bypasses Impero policies
WINDOWS CLIENT	EP-4704	Confide window stops web blocking on chrome & firefox
WINDOWS CLIENT	EP-4719	Client Service keeps stopping and starting

### Version 6.0.81 (25<sup>th</sup> May 2017)

**FIXES:**

WINDOWS CLIENT	<a href="#">EP-4354</a>	Windows 64bit machine unable to run 32bit applications after upgrade
WINDOWS CLIENT	<a href="#">EP-4347</a>	Windows 10 1703 32 bit ISO - EdPro renders machine unusable to end user
IMPERO SERVER, WINDOWS CLIENT	<a href="#">EP-4337</a>	Make message boxes match the application style

### Version 6.0.80 (15<sup>th</sup> May 2017)

**FIXES:**

IMPERO SERVER	<a href="#">EP-4321</a>	Windows – Localised Language causes Console crash
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## Version 6.0.79 (9<sup>th</sup> May 2017)

### New Features:

- Chromebook Device ID (Enrolled Devices only)
- View the entire screen of a Chromebook
- View all open Chrome Browser Tabs.
- ‘Block’ Chrome browser Tab – Add to Block Policy
- ‘Bring to Focus’ Chrome Browser Tab
- ‘Close’ Chrome Browser Tab
- Impero Insight
- Support LDAPS

### FIXES:

CHROMEBOOK CLIENT	<a href="#">EP-3772</a>	View Chromebook screen (all available tabs and applications etc)
APPLE OSX CLIENT	<a href="#">EP-3285</a>	Mac - Server IP fixed check not working
CHROMEBOOK CLIENT	<a href="#">EP-1073</a>	Chromebooks capture details not to standard.
CHROMEBOOK CLIENT	<a href="#">EP-1080</a>	Chromebook: Quick Question - written answer - the formatting, layout and paragraphing of question is not shown
CHROMEBOOK CLIENT	<a href="#">EP-3653</a>	ChromeOS 53.0 - Remote Control - Cannot type even when sharing Control
CHROMEBOOK CLIENT	<a href="#">EP-3721</a>	Chromebook - username limit
CHROMEBOOK CLIENT	<a href="#">EP-3958</a>	Chromebook - Remove multiple page requests to check content
CHROMEBOOK CLIENT	<a href="#">EP-4054</a>	Chromebook html captures don't work on Upper Case text
CHROMEBOOK CLIENT	<a href="#">EP-4136</a>	Chromebook - Client crashes when looking at Live Thumbnails
CHROMEBOOK CLIENT	<a href="#">EP-781</a>	Group Settings - Action To Perform When Remote Viewing Not Implemented For Chromebooks
CHROMEBOOK CLIENT	<a href="#">EP-4080</a>	Make the Chromebook work with the Active windows console menu
CHROMEBOOK CLIENT	<a href="#">EP-1028</a>	No method available to create Device names/groups for Chromebooks by device ID
CHROMEBOOK CLIENT, IMPERO SERVER	<a href="#">EP-4074</a>	Chromebook white list event is never logged
CHROMEBOOK CLIENT, WINDOWS CLIENT	<a href="#">EP-3907</a>	Chrome Extension does not monitor content in iframes
IMPERO SERVER	<a href="#">EP-3944</a>	Log Viewer: Export Capture Image to PDF on a shared network drive console crash.
IMPERO SERVER	<a href="#">EP-4020</a>	Auto Update - Update files are not being downloaded

IMPERO SERVER	<a href="#">EP-4097</a>	Insight does not find EdPro databases when databases have been moved
IMPERO SERVER	<a href="#">EP-4098</a>	Client connection problems following upgrade - Agile.NET
IMPERO SERVER, WINDOWS CLIENT	<a href="#">EP-3992</a>	Auto-discovery of printers in console for printer credit management fails
WINDOWS CLIENT	<a href="#">EP-820</a>	Deleted files from my documents are not being logged when "my documents" is redirected
WINDOWS CLIENT	<a href="#">EP-1643</a>	Blanking screen is captured when Capture transparency is enabled on windows 7
WINDOWS CLIENT	<a href="#">EP-3770</a>	Windows 10 black screen upon logon
WINDOWS CLIENT	<a href="#">EP-3989</a>	Switching off Capture Transparent Windows doesn't affect Windows 10/8.1
WINDOWS CLIENT	<a href="#">EP-3999</a>	Log Viewer - Clicking visited URLs launches File Explorer
WINDOWS CLIENT	<a href="#">EP-4019</a>	Unable to login to certain websites using Chrome browser
WINDOWS CLIENT	<a href="#">EP-4040</a>	Multiple instances of AD user with different username cases in Log Viewer
WINDOWS CLIENT	<a href="#">EP-4043</a>	Broadcast Screen - Cancel broadcast crashes console
WINDOWS CLIENT	<a href="#">EP-4170</a>	LogViewer 'Reports' have multiple instances of AD user with different case
WINDOWS CLIENT	<a href="#">EP-4194</a>	Patch Management - New patch clients get stuck on "Updating Settings"
WINDOWS CLIENT	<a href="#">EP-4197</a>	ClientSVC deadlock
WINDOWS CLIENT	<a href="#">EP-4208</a>	Connectivity Issues (Server)
WINDOWS CLIENT	<a href="#">EP-4209</a>	Client deadlock when trying to connect
WINDOWS CLIENT	<a href="#">EP-4213</a>	Computer list captures do not show when a user doesn't have access to entire network
WINDOWS CLIENT	<a href="#">EP-4214</a>	Managed policies - disabling item causes high CPU
WINDOWS CLIENT	<a href="#">EP-4230</a>	Internet Explorer BHO - Slow to respond
WINDOWS CLIENT	<a href="#">EP-4236</a>	More images than captures in email alerts

## Version 6.0.45 (13<sup>th</sup> March 2017)

### FIXES:

WINDOWS CLIENT	EP-4168	Console Access Rights – Restrictions to Console Access Rights are not saved when the console is closed.
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## Version 6.0.42 (6<sup>th</sup> March 2017)

### New Features:

- External Tools (Website Shortcuts)
- Encrypted Keyword Policies.
- Disable/Enable Managed Policy Item.
- Go to Keyword Policy item from Log Viewer.
- Capture Notification Emails by Group, by Keyword Policies and by Severity.
- Impero EdPro Server and Client Auto Download and Auto Upgrade.

### FIXES:

APPLE IOS CLIENT	EP-3689	Captures triggered by an iPad do not display what the trigger was
APPLE OSX CLIENT	EP-60	Client stores xml's in wrong place
APPLE OSX CLIENT	EP-3241	ImperoClientsvc process/memory leak
APPLE OSX CLIENT	EP-3662	Mac reports the wrong severity for Captures
APPLE OSX CLIENT	EP-3727	Impero client issues with parental controls
APPLE OSX CLIENT	EP-3864	Mac Client high CPU when viewing thumbnails.
CHROMEBOOK CLIENT	EP-3898	Screenshots on Chromebook do not always appear even though the console says the Capture has one associated with it
IMPERO SERVER	EP-3826	Performance issue when browsing through the logs
IMPERO SERVER	EP-3863	EduPro server tells clients to update to versions newer than the server itself
IMPERO SERVER	EP-3771	EduPro server is not auto-updating itself
WINDOWS CLIENT	EP-3871	Turning off alerts on a policy item will stop auto refresh on the console.
WINDOWS CLIENT	EP-683	Exam Module - Pop Up Message When Not Enough Answers Contains Spelling and Grammar Errors
WINDOWS CLIENT	EP-884	Youid desktop tiles - Reload all and clear users grammar issues
WINDOWS CLIENT	EP-942	Confide Viewer - Grammar Error
WINDOWS CLIENT	EP-3513	Applied Policies Window does not open if an enabled policy name has a tilde (~) in it
WINDOWS CLIENT	EP-3514	Users are not being pulled from AD with a message GET_AD_GROUP_FAIL_TIMEOUT
WINDOWS CLIENT	EP-3633	Policy items list goes blank when switching policies to/from a large policy
WINDOWS CLIENT	EP-3668	Muting group crashes windows client application

WINDOWS CLIENT	EP-3695	Multiple entries erroneously appear in log viewer for a single capture
WINDOWS CLIENT	EP-3735	Confide report viewer incorrect report time stamps
WINDOWS CLIENT	EP-3741	Chrome Browser appears as Chromebook
WINDOWS CLIENT	EP-3763	Email alert - Capture screenshot location duplicated for every user in the email list
WINDOWS CLIENT	EP-3787	Adding items to software licencing crashes the console
WINDOWS CLIENT	EP-3903	Multiple monitor selection not working

**FEATURE IMPROVEMENTS:**

ALL PLATFORMS	EP-3792	Send an email based on severity when policy items are triggered at a group level
ALL PLATFORMS	EP-3759	Go to policy item related to capture for Managed policies from log viewer
IMPERO SERVER	EP-3110	Download files from Impero Download Server
IMPERO SERVER	EP-3545	Update managed policies without a server restart
IMPERO SERVER	EP-3682	Auto-Updates Default to Off
WINDOWS CLIENT	EP-3525	View version of managed policy
WINDOWS CLIENT	EP-3716	Allow up to 5 configurable buttons for External Tools
WINDOWS CLIENT	EP-3611	Updated link to pCredits guidance
WINDOWS CLIENT	EP-3567	Upgraded client application and service to .net 4.6

**Version 5.4.38 (24<sup>th</sup> November 2016)**

**FIXES:**

IMPERO SERVER	EP-3826	Performance improvement when browsing data through log viewer.
IMPERO SERVER	EP-3790	Server socket connectivity error
CHROMEBOOK CLIENT	EP-3788	Chromebook - Causes apexvs.com to hang after logging in once

Version 5.4.36 (1<sup>st</sup> November 2016)

**NEW FEATURES:**

- Windows Platform - integrated Japanese translations
- Chromebook - Version numbers are added to both the Impero Chrome application and extension titles

**FIXES:**

IMPERO CLIENT	EP-696	Power management reports – computer name overlaps the results.
IMPERO CLIENT	EP-863	Power management - Computer used and log on count incorrect
IMPERO CLIENT	EP-867	Power management – Money wasted column not sorting correctly.
IMPERO CLIENT	EP-937	New exam images that are not downloaded in designer need loading image.
IMPERO CLIENT	EP-1005	Unable to remotely log on to Windows 8 PC's with GPO enabled to prevent displaying last user name.
IMPERO CLIENT	EP-2318	Log on feature inputs information into wrong areas on Windows 10 OS.
IMPERO CLIENT	EP-3402	AUP inconsistently not appearing on clients.
IMPERO CLIENT	EP-3464	Whitelist rule applied to all triggers
IMPERO CLIENT	EP-3489	Print credits recharging does not recharge
IMPERO CLIENT	EP-3511	User display name is not captured in the console for non-domain machines.
IMPERO CLIENT	EP-3656	Built in alert shows “violation” and “scription”
IMPERO CLIENT	EP-3677	Windows Capture triggering on non-present policy words
IMPERO CLIENT	EP-3700	The console is displaying the last selected group once console access rights have been changed.
IMPERO CLIENT	EP-3702	Non authorised users appear in the console upon launch.
IMPERO CLIENT	EP-3731	Patch management license expired
APPLE OSX CLIENT	EP-570	Unable to take control of the machine when the mac is on the logon screen.
APPLE OSX CLIENT	EP-3426	Sierra – None of the browser extensions are blocking/logging.
APPLE OSX CLIENT	EP-3666	Capture video recordings are title “violation”
APPLE IOS CLIENT	EP-3746	IOS client malfunction when handling domain name groups
CHROMEBOOK CLIENT	EP-3384	Not receiving email alerts from captures.



Version 5.4.20 (8<sup>th</sup> September 2016)

**NEW FEATURES:**

- Multiple platforms – Managed Policies.
- Multiple platforms – Changed the term “Violation” to “Capture.”
- Windows – Log viewer refresh

**FIXES:**

IMPERO SERVER	EP-3124	Translation improvements.
IMPERO CLIENT	EP-851	Alert console user on log on.
IMPERO CLIENT	EP-3246	No video file present for capture recording in defined time.
IMPERO CLIENT	EP-3390	Recent history not displaying in the console tree.
IMPERO CLIENT	EP-3413	Scheduled reports increase the dates of previously created reports.
IMPERO CLIENT	EP-3416	Log Viewer - HTML captures reporting as wrong capture type.
APPLE IOS CLIENT	EP-3336	Client plugin closing and opening the app in ios8.
APPLE OSX CLIENT	EP-3365	Capture display window is squashed.
APPLE OSX CLIENT	EP-3391	Capture alerts do not show what triggered the capture.
CHROMEBOOK CLIENT	EP-3383	Multiple connectivity enhancements.
CHROMEBOOK CLIENT	EP-3388	Chromebook start up configuration time.
CHROMEBOOK CLIENT	EP-3400	Chromebook connectivity if the application and extension are started in the wrong order.
CHROMEBOOK CLIENT	EP-3419	Unable to view live thumbnails when Chromebook have multiple NIC's.
CHROMEBOOK CLIENT	EP-3431	Chromebooks disconnect when viewing their screens.
CHROMEBOOK CLIENT	EP-3433	Time taken for Chromebook to reconnect when the network is interrupted.
CHROMEBOOK CLIENT	EP-3454	Entire network policies are not triggered.
CHROMEBOOK CLIENT	EP-3477	Capture logs reporting an hour after the initial capture.

Version 5.3.32 (21<sup>st</sup> July 2016)

**FIXES:**

IMPERO SERVER	EP-3283	Impersonation issues – Results in groups not publishing in the console.
IMPERO SERVER	EP-3213	Confide – Replacing users can result in the same user being assigned to an issue multiple times
IMPERO SERVER	EP-3212	Confide – Recently removed users appear in the list of users to reassign issues to
IMPERO SERVER	EP-3211	Confide sends the report to previous reportee
IMPERO SERVER	EP-883	Duplicate user appear when old ilog imported and now in chronological order
IMPERO SERVER	EP-3131	Confide – Removed Users aren't saved
IMPERO CLIENT	EP-803	Collect files – Clients can only see the drives they have access to.
IMPERO CLIENT	EP-1043	Violation notes filed only shows the first line.
IMPERO CLIENT	EP-2587	Button to join entered pin group
IMPERO CLIENT	EP-3332	Expanding a group under the “groups” tree doesn't display any information.

IMPERO CLIENT	EP-3252	Unable to expand the “users” group in log viewer
IMPERO CLIENT	EP-875	Entering an IP for a server to connect to in the menu fails to connect to the new server.
IMPERO CLIENT	EP-3328	Print Credits – unable to differentiate between mono & Colour Costs
IMPERO CLIENT	EP-3236	Scheduled Polices
IMPERO CLIENT	EP-3221	Log Viewer: Dates, Computers and Users are unsorted.
APPLE OSX CLIENT	EP-3285	Server IP fixed check functionality.
APPLE OSX CLIENT	EP-3089	Mac – Printing not working since upgrading to El Capitan
APPLE OSX CLIENT	EP-3249	UDP search connection issues

### Version 5.3.25 (25<sup>th</sup> May 2016)

#### FIXES:

WINDOWS CLIENT	EP-3156	Outlook injection crash
WINDOWS CLIENT	EP-3154	Send File enhancements
WINDOWS CLIENT	EP-3209	Guardian service stopping the client service
IMPERO SERVER	EP-3220	AD time-out improvements

### Version 5.3.21 (12<sup>th</sup> May 2016)

#### NEW FEATURES:

- Multiple Platforms – Pin Groups Feature
- Chromebook – Confide Feature
- Chromebook – Typed word detection

#### FIXES:

APPLE IOS CLIENT	EP-1235	Action to perform on violation ignoring time set
APPLE IOS CLIENT	EP-2578	Group based actions not affecting iPads for a period of time
APPLE IOS CLIENT	EP-2586	iPads not receiving exams
APPLE IOS CLIENT	EP-2598	2015 is displayed at the bottom when the app is opening
APPLE IOS CLIENT	EP-3092	Actions on violation trigger not working
APPLE IOS CLIENT	EP-3094	Slow performance with large policy lists in place
APPLE IOS CLIENT APPLE OSX CLIENT	EP-2605	Unified code not translating
APPLE OSX CLIENT	EP-111	Mac Console - Changing groups will clear any violations that occurred since the console was opened.
APPLE OSX CLIENT	EP-153	Disable resizing of the log on and log off forms
APPLE OSX CLIENT	EP-164	OSX 10.9 and 10.10 macs managed with Apple Profile Manager prevents client from running when logged in as non admin user
APPLE OSX CLIENT	EP-167	OSX console displays "No User Logged On" users which allows them to be added to Screens Locked group
APPLE OSX CLIENT	EP-187	Blank screen is not working.
APPLE OSX CLIENT	EP-188	Confide reporter - Can't submit issue as anonymous
APPLE OSX CLIENT	EP-198	Lock screen not appearing when network cable is unplugged
APPLE OSX CLIENT	EP-205	New policy with a missing name does not present you with an error message

APPLE OSX CLIENT	EP-222	Clients are not visible in the power management report
APPLE OSX CLIENT	EP-227	Allow List - Items Can Be Renamed.
APPLE OSX CLIENT	EP-238	Trying to control one user with all users ticked results in multiple remote control sessions
APPLE OSX CLIENT	EP-244	Quick question message displays font text
APPLE OSX CLIENT	EP-245	Advanced policies - Hibernate action policy spelling error
APPLE OSX CLIENT	EP-249	Console crashing when attempting to remove existing groups
APPLE OSX CLIENT	EP-254	Broadcasting another screen causes the console to hang.
APPLE OSX CLIENT	EP-2560	Client not connecting at logon
APPLE OSX CLIENT	EP-2572	Edit schedule button does not work
APPLE OSX CLIENT	EP-2604	Mac - Advanced policies - Policy status changes not being reflected
APPLE OSX CLIENT	EP-262	Computer list users aren't sorted alphabetically by default
APPLE OSX CLIENT	EP-267	Computer List - Violations: Missing several important columns.
APPLE OSX CLIENT	EP-273	Hide the default username "No User Logged In" for iOS.
APPLE OSX CLIENT	EP-280	Computer List - Violations: Will always show as YES for both screenshots and Videos.
APPLE OSX CLIENT	EP-301	Print quota - Spelling error
APPLE OSX CLIENT	EP-3053	Unable to change group type of existing groups
APPLE OSX CLIENT	EP-313	Impero block screen does not hide "vowels for display" on block screen
APPLE OSX CLIENT	EP-316	Unable to cancel full screen broadcasts
APPLE OSX CLIENT	EP-322	Violations Column - "Glossary" Column Should Not Be Present.
APPLE OSX CLIENT	EP-329	Violation Overview top right is overlapped by the bottom of the thumbnail screenshot.
APPLE OSX CLIENT	EP-335	Groups do not update when navigating with arrow keys
APPLE OSX CLIENT	EP-344	Advanced policies - Wake on lan action policy spelling error
APPLE OSX CLIENT	EP-349	Computer list - Chromebooks & Windows 10 machines show as "Unknown OS" under the OS column
APPLE OSX CLIENT	EP-355	Impero block screen does not censor reason and policy on block screen
APPLE OSX CLIENT	EP-364	Creating a block policy for html content cannot be created
APPLE OSX CLIENT	EP-378	Record Screen Does Not Work.
APPLE OSX CLIENT	EP-379	Actions submenu missing from Group context menu
APPLE OSX CLIENT	EP-395	Missing Horizontal Scroll Bar on Block List
APPLE OSX CLIENT	EP-412	Unable to hide "other personal groups" list
APPLE OSX CLIENT	EP-418	Computer list turns grey randomly
APPLE OSX CLIENT	EP-42	Frequent non-responsive console when attempting to create a new group
APPLE OSX CLIENT	EP-423	Console Password window does not have keyboard focus when it appears
APPLE OSX CLIENT	EP-425	Unlock Screen on group presents wrong message
APPLE OSX CLIENT	EP-432	Groups are not sorted alphabetically
APPLE OSX CLIENT	EP-445	IOS thumbnail not being generated.
APPLE OSX CLIENT	EP-455	Remote Control window - nothing happens when clicking on Screenshot
APPLE OSX CLIENT	EP-457	Advanced policies whitelist Spelling issues
APPLE OSX CLIENT	EP-481	Blank entries can be added to the server IP fixed table

APPLE OSX CLIENT	EP-490	Screen does not size to 100% in remote control window
APPLE OSX CLIENT	EP-491	Losing connection to the Impero Server locks the screen when "Lock the users screen when the network cable is pulled out"
APPLE OSX CLIENT	EP-515	Confide desktop button not appearing after submitting an issue.
APPLE OSX CLIENT	EP-521	Allow list not adding asterisks before and after items
APPLE OSX CLIENT	EP-524	Save screenshot is not working rev
APPLE OSX CLIENT	EP-527	Console crashes when console access rights are turned off
APPLE OSX CLIENT	EP-534	Screensaver appears over broadcasts
APPLE OSX CLIENT	EP-535	Group access rights greyed out
APPLE OSX CLIENT	EP-543	Console crashes when user attempts to edit certain action policy items
APPLE OSX CLIENT	EP-548	Violations - Letter "y" is cut off from headers
APPLE OSX CLIENT	EP-559	Personal group remains open when client is offline
APPLE OSX CLIENT	EP-561	AUP present
APPLE OSX CLIENT	EP-562	Watch recordings does not work
APPLE OSX CLIENT	EP-565	Client goes offline when access rights are on but the mac is not in the list
APPLE OSX CLIENT	EP-57	Mac sometimes does not appear in computer list if not logged on.
APPLE OSX CLIENT	EP-572	Opening properties for entire network spams the user with pop up message
APPLE OSX CLIENT	EP-573	Confide welcome form text cut off
APPLE OSX CLIENT	EP-588	Mac - Add new member flickering
APPLE OSX CLIENT	EP-591	Unable to rename groups in the console.
APPLE OSX CLIENT	EP-602	Run website in safari add "file:/// " to the url
APPLE OSX CLIENT	EP-603	Block screen workaround.
APPLE OSX CLIENT	EP-630	No Console Access for Reconnected Mac Users
CHROMEBOOK CLIENT	EP-1069	Messages do not close automatically after 30 seconds
CHROMEBOOK CLIENT	EP-1076	Missing icons are appearing in the Confide form
CHROMEBOOK CLIENT	EP-1077	Live chat icons on Chromebook are the wrong way around.
CHROMEBOOK CLIENT	EP-2565	Reportees not appearing within confide
CHROMEBOOK CLIENT	EP-2566	Code appears within the received message
CHROMEBOOK CLIENT	EP-2574	Chromebook OS appears as "Windows Server 2012" within computer list
CHROMEBOOK CLIENT	EP-2579	Battery Level always "Plugged In"
CHROMEBOOK CLIENT	EP-3099	Chromebook can fail to connect to servers that are under heavy load.
CHROMEBOOK CLIENT	EP-797	Event viewer stuck on "please wait"
IMPERO SERVER	EP-2609	Unable to import legacy ilog archives
IMPERO SERVER	EP-2622	Server connection issues caused by the wake on lan policies.
IMPERO SERVER	EP-2850	Auto backup of the Policy files not taking place
IMPERO SERVER	EP-2859	Log Viewer fails to display data
IMPERO SERVER	EP-2988	No icon changes in Server Windows.
IMPERO SERVER	EP-3045	Enhanced security - server password does not recognize the correct password
WINDOWS CLIENT	EP-1	Metro Interface App affects any pop-up that appears on windows server 2008 R2

WINDOWS CLIENT	EP-1008	AD Users Who Do not Have "Domain Users" as primary group fail to get access rights.
WINDOWS CLIENT	EP-1060	Change password not displaying confirmation message
WINDOWS CLIENT	EP-1065	Advanced policies disappear from other groups if enabled on entire network
WINDOWS CLIENT	EP-2318	"log on" feature inputs information into wrong areas - windows 10
WINDOWS CLIENT	EP-2365	Windows secure logon can't be bypassed by mimic script
WINDOWS CLIENT	EP-2388	Admin tab - Missing translations in various languages
WINDOWS CLIENT	EP-2395	Expanding the "Group" node within log viewer doesn't display anything
WINDOWS CLIENT	EP-2431	Mass Policy editor doesn't update policies
WINDOWS CLIENT	EP-2465	Quick Access Toolbar - Missing Translations For Some Options.
WINDOWS CLIENT	EP-2476	Computer groups not showing up in patch management
WINDOWS CLIENT	EP-2581	pCredits - print credits are being deducting when printing from anywhere
WINDOWS CLIENT	EP-2589	Offline synchronisation
WINDOWS CLIENT	EP-2590	Unable to view videos via Log Viewer
WINDOWS CLIENT	EP-2756	Mail Server Settings - Missing Translations
WINDOWS CLIENT	EP-3061	Ask if allowed doesn't take affect if on thumbnail view
WINDOWS CLIENT	EP-667	Request assistance takes focus
WINDOWS CLIENT	EP-712	Touchscreen Surface - keyword detection does not work
WINDOWS CLIENT	EP-754	Software Licensing Missing Translations.
WINDOWS CLIENT	EP-814	Run Mimic viewer has description in English no matter what language chosen
WINDOWS CLIENT	EP-933	Impero Client reports incorrect security group membership
WINDOWS CLIENT	EP-934	Violations cannot be exported to PDF
WINDOWS CLIENT	EP-967	Client service stops if the user cancels shutdown
WINDOWS CLIENT	EP-970	Custom background images disappear after 1 minute

### Version 5.2.10 (25<sup>th</sup> February 2016)

- FIX** WIN (Server) – ilog corruption
- FIX** WIN (Server) – Duplicates in the clients file.
- FIX** WIN (Client) – Client not launching if user aborts logoff/shutdown.
- FIX** MAC – Hovering over violations does not display screenshot.
- FIX** MAC – Violations cannot be exported to PDF.
- FIX** iOS – fixed and issue where an ios block is listed as block severity instead of block priority.
- FIX** iOS – Switching groups removes violation notification.
- FIX** Chromebook – Disable internet button is not taking affect.
- FIX** Chromebook – Scheduled group policy.
- NEW** Chromebook – Assign Task functionality.
- NEW** Chromebook – Keyword Detection.

### Version 5.1.21 (4<sup>th</sup> February 2016)

- FIX MAC – Safari extension not blocking or logging visited websites in Safari.
- FIX MAC – AUP confirmation screen non responsive.
- FIX WIN (Client) – Improved connectivity in clients running older versions.
- FIX WIN (Client) – Repeatedly refreshing blocked pages unblocks.
- FIX WIN (Server) – Increased timeout when accessing the policy settings.
- FIX WIN (Server) – Multiple server performance enhancements.
- FIX WIN (Server) – Unable to deploy auto updates.

### Version 5.1.12 (15<sup>th</sup> December 2015)

- NEW Enhanced security between Impero Server and Clients (full TLS/SSL upgrade)
- NEW AES256 encryption for remote control and audio sessions
- NEW Impero Server port changed to 30016 for upgraded security
- NEW Removed the Impero proxy
- NEW Improved recording playback application
- NEW Disable Impero under group settings has been changed

**KNOWN ISSUE Under** iOS 9+ screens can only be viewed when Impero App is in foreground

- FIX iOS - issue that was causing app browser to crash on iOS9
- FIX iOS - issue that was causing app to crash when viewing live thumbnails on iOS9
- FIX iOS - Windows 10 should now be identified correctly
- FIX iOS - Violation logging updated to be in line with cross-platform format
- FIX iOS - Fixed an issue where user help was being incorrectly obscured when displayed in an edit box
- FIX iOS - Removed animations from quick questions which was stopping answer from being displayed correctly
- FIX iOS - Fixed a problem where the operating system was being incorrectly identified
- FIX iOS - Fixed an issue where access rights were not being correctly applied
- FIX MAC – Client service does not attempt to reconnect to a fixed IP after disconnection.
- FIX MAC – Server IP fixed value does not always take priority
- FIX MAC – Inputting special characters into a new group name causes console to crash.
- FIX MAC – Console access authentication
- FIX MAC – Client will not connect if not logged on.
- FIX MAC – Remote control window opens multiple windows.
- FIX MAC – Minimise button not working when the remote control session is in full screen mode.
- FIX MAC – Advanced page opened by default on advanced policy edit/create.
- FIX MAC – Possible to change the type of policy items when they are being added / edited.
- FIX WIN (Client) – Exam module crashing under certain scenarios when viewing results.
- FIX WIN (Client) – Website violations reason information being duplicated.
- FIX WIN (Client) – Cancelling the console password box returns an incorrect password error.
- FIX WIN (Client) – Advanced policies don't work.
- FIX WIN (Client) – Possible to browse AD when adding to a group.
- FIX WIN (Client) – Offline Exam editor missing.



## Version 5.1.05 (17<sup>th</sup> August 2015)

- NEW** Enhanced security between Impero Server and Clients
- FIX** Several security vulnerabilities identified and fixed
- FIX** WIN (Client) – Console crashes when viewing thumbnails of remote computers.
- FIX** WIN (Server) – Favourites tab fails to load on the server.

## Version 5.0.03 (13<sup>th</sup> March 2015)

- NEW** Sync with AD Usernames on Mobile Devices
- NEW** New icon designs for menus and dropdown lists in the Impero Console
- NEW** Thumbnail headers turn red when there are new violations
- NEW** Thumbnail View: Added Operating System icon indicators to thumbnails
- NEW** Whitelist support enabled in chrome extension.
- FIX** Added condition to make sure auto updates aren't being pushed to chrome devices.
- FIX** Additional fix to ensure Chromebooks get policy updates
- FIX** Advanced Policies: Allow list policies will now have accurate column headers
- FIX** AUP: The Acceptable Use Policy will no longer display if the Impero Server is deactivated or the licence expires.
- FIX** Automatic Updates: No longer possible to enter a blank start/end time for scheduled updates.
- FIX** Battery Level now reports 'unavailable' when OS is Chromebook
- FIX** Broadcast Screen: The "Select Record Area" window should now be correctly displayed when switching from another broadcaster back to yourself if "Portion of screen" is checked.
- FIX** Can no longer enter a blank title for a chat session.
- FIX** Chrome extension: Impero web block now shows when blocked in incognito mode
- FIX** Chromebook: Live Chat Text when removing a user from chat session has changed.
- FIX** Client list: The print icon in the violation tooltip will now allow you to print to the selected printer.
- FIX** Confide Viewer: Added a minimum width to the "Assigned To" column, so the icon will always be visible.
- FIX** Confide: Prevented non image files from being selected when choosing a user avatar image
- FIX** Confide: The Confide icon should no longer become stuck under the Windows taskbar.
- FIX** Fixed a number of issues around the Chromebook client reconnecting after login.
- FIX** Fixed issue with Inventory: Results for exact match and match sequence will now be displayed correctly
- FIX** Fixed an issue when registering a server in a USA time zone.
- FIX** Fixed an issue where broadcast would get stuck due to lost connection with the Impero Server
- FIX** Group Properties: Fixed an issue which may prevents groups from being listed when trying to set the "Move to Group" option.
- FIX** Impero Server: Confide Added a basic validation check when adding email addresses to confide users
- FIX** Impero Server: Convert mac power logs corrected grammar in message displayed to user
- FIX** Lock Screen: Prevented alt+tab/windows key + tab from being used when the screen is locked.
- FIX** Log Viewer: Export Items containing commas should no longer be spread across multiple columns
- FIX** Log Viewer: No longer able to drag and drop search results
- FIX** Log Viewer: Removed reference to double clicking results in searches as this functionality is not implemented
- FIX** Messages were being sent to all users and not the currently selected user.

- FIX** Number of fixes around policies and Chromebooks.
- FIX** Patch Management: Increased timeout for all messages from 5 seconds to 15 seconds to reduce issues with larger databases
- FIX** Patch Management Reports: Corrected the spelling of 'received' in report details
- FIX** Patch Management: Applying profile changes will no longer cause another profile to become selected.
- FIX** Patch Management: Hovering over the pie chart in the dashboard will no longer display a "cross" cursor.
- FIX** Patch Management: The "Start Date" for reports will now default to the day before the current date, rather than a year before.
- FIX** Personal Groups: "Delete" will no longer be displayed next to each user within a Personal Group as it provides no functionality. Only the "Remove All" button can remove users unless the console is closed.
- FIX** Personal Groups: The "Load User List" window can no longer be maximised.
- FIX** Personal Groups: Enabled the delete link, so teachers can remove people from their group and admins can remove from other people's groups.
- FIX** Remote control for Chromebook and viewing the same thumbnails.
- FIX** Removed "UseV2Proxy" from resultant set of settings
- FIX** Save Screenshot: Scroll bars should only be visible when required.
- FIX** Software Licencing: \* Exporting entries with commas in the description will no longer cause text to be spread over multiple columns.
- FIX** The "Licence Type" will now be correctly displayed as text rather than a number.



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