

# Support Portal

# Useful 9 Release Notes

## Useful 9.10

### Control Center Modifications

- Removed the Storage tab and reorganized its contents under Settings > Storage Management
- Updated Standard license tier to allow an unlimited number of 2x2 and 3x3 video walls
- Added an ability to create a maximum of 500 sources via Control Center

### Control Center (UI) Improvements

- Added UI option to Restart Displays under Support > Troubleshoot
- Added UI option to upload the signage content while creating Signage Player source
- Added UI option to show system diagnostics on the Initial Setup screen
- Added system diagnostic to notify users if Useful TURN Server is not accessible
- Added system diagnostic to notify users if the Secure boot is enabled
- Added UI option to hide system diagnostic message(s) inside System Diagnostics dialog window
- Updated UI for Video Wall Zone Settings dialog window to improve its usability
- Updated the UI of display icons

### Video Wall Enhancements

- Optimized and stabilized Preset Switcher functionality

### Useful Cloud Enhancements and Improvements

- Added a feature to Backup and Restore server settings
- Added UI option to track an organization's usage report
- Added UI option to log usernames to Usage Reports
- Enhanced various features to improve its usability

### Core Enhancements

- Updated base OS to CentOS 7.5

- Updated Rise Vision Player plugin
- Updated Google Chrome to latest stable version 67
- Upgraded GStreamer package to version number 1.12
- Updated kernel version to 3.10
- Updated LibreOffice to version 6.0
- Removed YUAN driver
- Performance improvements to Useful's video wall engine
- General stability improvements

Miscellaneous new features, GUI improvements, and bug fixes. For a comprehensive list see the changelog.

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## **Useful 9.9**

### **REST API**

- Added API calls for various video playback controls

### **Control Center (UI) Improvements**

- Added UI option to interact with sources within Multi-Window and Picture-In-Picture source
- Added UI option to upload icons and images for welcome screen logo and screensaver
- Improved UI and usability for Interactive Viewer
- Enabled Direct Decode by default under Performance Settings to utilize Nvidia hardware decoding capabilities
- Updated pre-configured sources on the default Mapping screen

### **Video Wall Enhancements**

- Optimized system to reduce source switching time for large video walls

### **Core Enhancements**

- Refactored Failover process to improve its usability

- Improved and added various options to USB webcam feature
- Improved various features under Useful Cloud
- Improved various features under Session Management
- Updated Nvidia driver packages
- Updated Google Chrome to latest stable version
- Performance improvements to Useful's video wall engine
- General stability improvements

Miscellaneous new features, GUI improvements and bug fixes. For a comprehensive list see the changelog.

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## **Userful 9.8**

### **Userful Cloud**

- Added support for Useful Manager to easily manage your installs over the Internet

### **New Hardware Support**

- Certified ThinGlobal MiniPoint DS and DS Lite zero clients
- Certified ThinGlobal Kiosk (LTY0HN18-TG-K)

### **REST API**

- Added an API call to pause and resume the display/video wall running Signage Player content

### **Control Center (UI) Improvements**

- Improved Tile-based Welcome Screen UI
- Updated Initial Setup procedure to register your server(s) on Useful Cloud
- Added UI option to select foreign language for Tile Welcome Screen
- Added UI option to enter customized display's resolution under Display Settings

### **Core Enhancements**

- Added support for USB web cameras to monitor your displays and video walls
- Increased the range of RGB values for color calibration
- Updated Blackmagic DeckLink driver to version 10.9.10
- Updated Nvidia driver packages
- Performance improvements to Useful's video wall engine
- General stability improvements

Miscellaneous new features, GUI improvements and bug fixes. For a comprehensive list see the changelog.

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## **Userful 9.7**

### **New Hardware Support**

- Added support for Nvidia Quadro P series offload cards

### **New Source**

- Integrated VNC Viewer source to share desktops and to remotely control other computers
- Integrated Shelf-Vision source to play the content on display strips

### **Video Wall Enhancements**

- Optimized video wall calibration process for large size video walls to enhance their stability
- Added UI option to enable Intel Support under Performance Settings to utilize Intel GPU for improved content rendering

### **Control Center (UI) Improvements**

- Improved Tile-based Welcome Screen UI
- Added UI option to select foreign language under Welcome Screen
- Added UI option to show the display manufacturer's name and zero client's serial number under Display Settings

- Updated Online Video Tutorials link under Control Center > Support
- Updated certain non-English language translations
- Optimized Control Center UI

## **Core Enhancements**

- Updated base OS to CentOS 7.4
- Upgraded Gstreamer package to version 1.12.3 for stability
- Updated SMSC driver to version 2.8.222 for stability
- Performance improvements to Useful's core video wall engine
- General stability improvements

Miscellaneous new features, GUI improvements and bug fixes. For a comprehensive list see the changelog.

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# **Userful 9.6**

## **New Source**

- Added Picture-In-Picture source under Ultimate license to play multiple content streams in inset windows while the main content plays in the background

## **Session Management**

- Added UI option to enable large print mode to enhance visibility
- Added UI option to enable On-Screen Keyboard for touch screen devices

## **Video Wall Enhancements**

- Enabled various shortcuts while configuring video wall to achieve pixel perfect calibration
- Improved video wall calibration UI for smartphones and tablets

## **Control Center (UI) Improvements**

- Added UI option to enable Tile-based Welcome Screen to improve usability

- Updated Source Switcher UI to provide a fresh look and improve usability
- Added UI option to activate screensaver
- Added Arabic (ar) language support
- Updated non-English language translations
- Optimized Control Center UI

## **Core Enhancements**

- Performance improvements to Useful's core video wall engine
- Improved failover process to make it more robust
- Updated Chrome to version 61
- General stability improvements

Miscellaneous new features, GUI improvements and bug fixes. For a comprehensive list see the changelog.

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# **Userful 9.5**

## **New Hardware Support**

- Added support for 7th Generation Intel® "Kaby Lake" processors
- Added support for Nvidia GTX 1080Ti graphics card

## **Session Management**

- Added Web Filtering to restrict access to inappropriate and malicious web content

## **New Sources**

- Integrated Multi-Window source under Ultimate license to subdivide displays/video walls to show multiple content streams running simultaneously
- Integrated RTSP Streamer source to play video feeds over the network

## **Video Wall Enhancements**

- Added support for high bit-rate 8K resolution content
- Added "Direct Decode" option to enhance performance for 8k video playback under Performance Settings
- Added UI option for content optimization under Video Wall Zone Settings
- Improved video wall calibration UI to enhance its usability

## **Control Center (UI) Improvements**

- Added UI option to support 3D graphics content on Web Browser source and certain third party CMSs
- Added UI option to calibrate colors for standalone displays under Display Settings
- Added UI option to upload files to "/shared-files/signage" folder under Control Center > Storage
- Added a link to Video Tutorials under Control Center > Support
- Optimized UI for smartphones and tablets
- Updated non-English language translations

## **Core Enhancements**

- Performance improvements to Useful's core video wall engine
- Added feature to download Useful logs if the Internet is not available
- Updated Firefox to version 52
- Updated Chrome to version 59
- Updated VirtualBox to version 5.1.24
- Updated Rise Vision Player plugin
- General stability improvements

Miscellaneous new features, GUI improvements and bug fixes. For a comprehensive list see the changelog.

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# **Userful 9.1**

## **Video Wall Enhancements**

- Enhanced the rendering quality of artistic video walls
- Optimized video wall calibration to reduce the time taken to calibrate large size video walls
- Added stability to Preset Switcher
- Enhanced the stability of video wall when zero client device from video wall is reset
- Updated stand-alone display rotation to reset if display is a part of videowall
- Updated sample media content to include 60fps video

### **Control Center (UI) Improvements**

- Reorganized Performance Settings under Control Center > Settings
- Improved Hardware Virtualization diagnostic message to appear only when Virtual Machine (VDI) source is present
- Updated translation strings for Control Center UI

### **Core Enhancements**

- Significant performance improvements to Useful's core video wall engine
- General stability improvements

Miscellaneous new features, GUI improvements and bug fixes. For a comprehensive list see the changelog.

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## **Userful 9.0**

### **Userful REST API**

Userful REST API allows administrators and system integrators to have more control over the operation of their video walls and digital signage. This API open ups endless possibilities to programmatically interact and control the Useful system. See our API Documentation to learn more.

### **Remote Control Settings (interactive features)**

- Created a new Remote Control Settings section under Control Center > Settings to include three key features Source Switcher, Preset Switcher and Interactive Viewer.
- Source Switcher allows users to launch and switch sources on displays and video walls using a single-click, from any web browser using any device including smartphones and tablets.
- Preset Switcher allows users to launch various saved presets (i.e. display mapping configuration) to quickly change the content playing on the displays and video walls using a single-click, from any web browser using any device including smartphones and tablets.
- Interactive Viewer allows users to remotely interact with the dynamic content (e.g. Web Browser, Linux Desktop) being played on video wall and stand alone displays using keyboard and mouse of a different computer.

## **Core Video Wall Enhancements**

- Optimized switching of content and zones to reduce the switching time
- Added UI option “Show Welcome Screen” to allow users to launch the sources manually, when associated displays start
- Added UI option to rotate individual stand alone displays under Display Settings dialog window
- Added UI option to perform scheduled reboot to improve system stability
- Enabled Direct Sync feature by default to enhance system performance
- Enhanced VDI Setup diagnostic message to appear only when Virtual Machine source is present under mapping screen
- Enhanced the setup options on UCC first-run welcome screen to enable smooth setup
- Updated sample media content

## **Control Center UI improvements**

- Updated UI along with new naming conventions to provide a fresh look and improve usability
- Added Retest button to all diagnostic test under Control Center > Support > System Diagnostics
- Added UI option to select the connection type while creating Blackmagic DeckLink Capture source
- Simplified the main menu moving Broadcast Alerts and Zero-Client Configuration to Control Center > Settings

## Core Enhancements

- Introduced improved and simplified more responsive look and feel with improved accessibility on small screens (e.g., smart phones).
- Significant performance improvements to Useful's core video wall engine
- Added support for tablet and mobile browsers
- Upgraded base OS to CentOS 7.3 architecture (dramatically faster boot time, scalability and stability improvements)
- Upgraded Google Chrome and Firefox to latest stable versions
- Upgraded RiseVision package to version 0.0.13
- Upgraded Signagelive plugin
- Updated translation strings for Control Center UI
- General stability improvements

Miscellaneous new features, GUI improvements and bug fixes. For a comprehensive list see the changelog.