

## Release Note

**Product Name:** VIA Campus

Current Version:	Ver.Type	Ver No.	Date
	Firmware	2.2.0717.908	July 2017
	Software	–	–
	Web	–	–
	Hardware	–	–

**RN Date:** July 2017

**Reference:** 12962

### Kramer Product Affected:

Product Name	Minimum FW Version for Upgrade	Recommended for All Units	Only if Added Features are Required
VIA Campus	2.0.0916.788	Yes	N/A

### Technical Notes:

- Enhancements and improvements.
- New features are described in the updated User Manual.

### Codependency with Other Products and Software:

- This version can be applied on a unit running version 2.1.0217.842.
- Alternatively, this version can be applied on a unit running version 2.0.0916.788 FW and requires an authentication file.  
Register your units on Kramer VIA portal to get your authentication file.



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	Firmware	2.2.0717.908	July 2017
	Software	–	–
	Web	–	–
	Hardware	–	–

**RN Date:** July 2017

**Reference:** 12962

The following changes were made in this version:

### New Features:

	New Feature Description
	VIA Campus gateway:
	Streaming output: Share the live content of your VIA Campus session to an H264 decoder (supports TCP Unicast and UDP Unicast+Multicast). Note; This feature cannot be used simultaneously with the Recording feature.
	Digital signage module (under license acquisition). Please contact your Sales Representative for details on how to get your license and activate it.
	Redesigned e-Polling module with ability to create quizzes from the client app for the Moderator of the session. Note: Please make sure to export all your Polls and save them as a .csv file before upgrading your device to 2.2 version. Once exported from 2.1, your polls can be re-imported into the new 2.2 e-Polling module.
	Support of Dual Network feature by connecting a USB to Ethernet dongle to the Campus device (dual LAN).
	Client screen preview displayed for Moderator before allowing it to present on main screen.
	Participant can reject presenting his screen on main display when requested by the moderator.
	System details of the VIA device are now displayed on the web interface HomePage to conveniently check the network information, Disk Space, Chrome Server connection status and iOS mirroring configuration.
	The "Configuration" menu of web interface was renamed "VIA Settings".



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	<b>New Feature Description</b>
	In VIA Settings / Display menu: "Customize Gateway screen" enables renaming and repositioning the Room Name, Code, and Date & Time" fields on the wallpaper.
	In VIA Settings / Advanced menu: API Settings Command option to send commands on a Secured (TLS) or non-secured port.
	Chrome server connection can be activated/de-activated from the web interface.
	New API commands added: <ul style="list-style-type: none"> <li>• Start / Stop / Restart Streaming</li> <li>• Change Streaming URL</li> <li>• Set auto reboot timing for the VIA device</li> <li>• Screen Share On/Off for individual user</li> <li>• Display request status</li> <li>• IPInfo</li> <li>• IPSetting</li> </ul>
	Added security enhancements.
VIA clients:	
	EULA disclaimer must be approved upon client installation (Windows and MAC).
	Audio drivers for MAC application have been built into the installation file.
	YouTube player implemented to allow users to drag and drop a YouTube URL on their client device for a flawless video playback experience (Windows / MAC / Android / iOS).
	"Enable control" feature of Win10 client devices now supports multitouch capability on main display.
	Chrome application is offering new features: <ul style="list-style-type: none"> <li>• Collaboration</li> <li>• 3<sup>rd</sup> Party Applications</li> <li>• File sharing</li> <li>• Files Cloud access</li> </ul>
	Android / iOS: new drawer layout of the features.
	Android / iOS: overlay wizard.
	Start/Stop streaming feature from the client (in toolbar for Windows/MAC and in drawer list for Android/iOS).



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	New Feature Description
	New colors for the UI of the VMD annotation tools to distinguish from main screen annotation tool.

### Dropped Features:

	Dropped Feature Description
	e-Exam feature removed and merged with the e-Polling feature.

### Bugs Fixed:

QC ID	Fixed Bug Description
	Session Reset: Reset button is now disabled when DND is in use. Only Moderators can reset a session.
	PCs equipped with ATI Radion Graphic Card can now support H264 mode for presentation.
	Audio sync improvements when in "Present" mode for video playback from MAC / Windows clients.
10499	"Display Layout" button is now provides a state confirmation.
9672	Audio level remains stable when starting iOS mirroring.
8284	Layout of wallpaper overlays (Room Name & Code / Date & Time) is now displayed correctly (in 3840x2160 resolution) when using a 4K display.
8966	Improved scaling capability of the UI when using a 4K display.
8939	In Dual Display mode, all whiteboard icons and tools are displayed and work properly when using a multitouch screen.
8930	Files bigger than 1GB are shared/sent properly from the VIA Campus to the connected users.
	In French language: the browse feature for adding media files to the VIA client app properly displays the file tree.

### Bugs to Fix in Future Versions:

QC ID	Deferred Bug Description
	If the gateway has not been correctly configured for accessing the Internet (incorrect Default Gateway of the Network settings) then the YouTube player displays a black screen and the unit stalls, requiring a Reboot.

**Preceding Version:** F 2.1.0217.842



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**Product Name:** VIA Campus

**Current Version:**

Ver.Type	Ver No.	Date
Firmware	2.1.0217.842	May 2017
Software	–	–
Web	–	–
Hardware	–	–

**RN Date:** May 2017

**Reference:** 12161

**Kramer Product Affected:**

Product Name	Minimum FW Version for Upgrade	Recommended for All Units	Only if Added Features are Required
VIA Campus	2.0.0916.788	Yes	N/A

**Technical Notes:**

- Addition of new features, such as Recording and FreeFlow Manual Layout.
- New features are described in the updated User Manual.

**Codependency with Other Products and Software:**

- This version can only be applied on a unit running version 2.0 FW and requires an authentication file.  
Register your units on Kramer VIA portal to get your authentication file.



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**Current Version:**

Ver.Type	Ver No.	Date
Firmware	2.1.0217.842	May 2017
Software	–	–
Web	–	–
Hardware	–	–

**RN Date:** May 2017

**Reference:** 12161

The following changes were made in this version:

### New Features:

	New Feature Description
	VIA Campus Gateway side:
	Recording Feature – complete working session can be recorded as an mp4 file and then saved and/or shared with participants
	View Main Display feature now supports up to 25fps for smoother user's experience
	Annotations on View Main Display feature is now offering a toggle option to publish them publicly
	In Dual Display room configuration, when using View Main Display on his device, the user can select the display he wants to see
	Free Flow Manual Layout when using Touch Screen display – Must be connected to a touch display to see this feature.
	Power Saving Mode introduced
	Room Name always on screen as an optional overlay
	WhiteBoard improvements while saving and sharing files: # "Save and Share" any work # Annotated file can be saved using a default name "CurrentDate_Time" format
	iOS mirroring participants (AirPlay) are now part of Moderation mode (needs approval to be seen on main screen)
	VIA session can be reset from the client application (new button in Tray shortcuts); a warning message has been added as well
	Enable Control feature now accessible from the Tray shortcuts of the Client apps



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	<b>New Feature Description</b>
	Room List Manager allows creating shortcuts (saved on your desktop) to your preferred rooms and to manage easily your rooms (Search, Delete,...); Room Name is now coming from VSM instead of IP address
	Users can now "View and Download files" from the Cloud, directly on their client device
	In Basic Moderator mode, using a password to become Moderator is now optional
	In Moderator modes (all), "Deny" option has been added
	In Moderator modes (all), iOS mirroring users now must be approved by the Moderator before being displayed (after they type in Room code).
	New logs have been added, such as "Start Session" and "Stop Session" data
	<p>Web Interface layout changes and new configuration options:</p> <ul style="list-style-type: none"> <li># Layout of the Configuration Menu is organized in tabs</li> <li># Advanced Configuration now moved as a tab of the "Configuration" menu</li> <li># New "Recording" Tab to activate the feature and select default saving option (System – USB drive – VSM) added to "Configuration"</li> <li># File type selection (based on extensions) for "File Sharing" feature added to "Advanced Configuration" tab</li> <li># Room Name Overlay feature setting added "Configuration/Display Settings" tab</li> <li># Room Name can be overridden by DNS name</li> <li># VIA Pad "Auto-login to WiFi" enhancement to accommodate long passwords and special characters</li> </ul>
	<p>New API commands added:</p> <ul style="list-style-type: none"> <li># Serial Number of the VIA gateway</li> <li># MAC address of the VIA gateway</li> <li># VIA gateway version</li> <li># Playing Media info</li> <li># iOS User's List</li> <li># Recording Start &amp; Stop</li> <li># Restart Apache server</li> <li># Close Running 3<sup>rd</sup> Party Apps</li> </ul>



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	New Feature Description
VIA clients:	
	Chrome application now supports Audio
	Chrome application offers new features: # Participant list # DND and Full Screen supported # Chat supported # Moderator Mode supported # e-Polling supported
	Chrome application can be downloaded from a link posted on the homepage of the VIA web interface or at this link: <a href="http://cb.wowvision.com/chrome.php">http://cb.wowvision.com/chrome.php</a>

### Modifications:

QC ID	Modification Description
	Apache, PHP, MySQL Server and SSL Certificates have been updated
	Change of Ports for Chrome application from 444 to 446 for all new clients. <a href="https://cb.wowvision.com:446">https://cb.wowvision.com:446</a>
	Below IPs must be allowed for Chrome Application: # 192.169.179.35 – <a href="http://turn1.wowvision.com/">turn1.wowvision.com/</a> port 3478 # 148.72.244.148 – <a href="http://turn2.wowvision.com/">turn2.wowvision.com/</a> port 3478
	Change of collaboration Port for mobile applications to TLS 9989 (to enhance security on Collaboration mouse). (Users must upgrade their mobile apps to latest 2.1 version)
	Former “VIA Reveal” application for iOS devices is now merged with standard VIA application. It simplifies AirPlay deployment for VIA gateways across an enterprise network. The “Bonjour” service for AirPlay discovery of VIA gateways is no more required when using the VIA application.
	.msi file removed from the hidden address of the VIA – now published online



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### Bugs Fixed:

QC ID	Bug Fix Description
10212	Couldn't access VIA webpage after changing the SU user default password
8941	USB (External Hard Drive) path was not visible anymore after rebooting the gateway if Cloud directory path is set to Network or VIA Data.
8934	Web interface - The "Configuration" page of the Web interface scrolled to the top after every change applies.
9658	Chat feature using Windows device – last letter of the sent message was truncated
No ID	API Server crashed when using USB speaker connected to VIA Campus. To avoid this issue, apply the FW upgrade patch when the USB speaker is physically disconnected from the VIA Campus device. Once the update has been successfully applied, re-connect the speaker.
No ID	Client settings were frozen to JPEG mode after enabling it without offering any way back to H264.

### Known Limitations (including compatibility limitations):

QC ID	Limitation Description
	<p>Extended Desktop Feature support on Windows client has limitations: some Windows laptop drivers don't allow the emulation of a virtual extended display and it results in failing support for the extended mode feature when a physical second screen is not connected. Updating the graphic card drivers may help sometimes.</p> <p>As a result, the extended display mode is not supported on Microsoft Surface devices and on some Win10 devices.</p>
	<p>Some audio limitations on the Chrome application:</p> <ul style="list-style-type: none"> <li># If using full display share mode: audio is supported only if played BEFORE starting presentation (first play the audio file and only after press on "Present")</li> <li># If using Tab share mode: local audio is not shared.</li> <li># When a media file playback is complete, audio does not work if restarted.</li> <li># The audio stops if YouTube media is played while another media already plays on full screen.</li> </ul>
	<p>Mac users may experience issues if the resolution of their laptop changes while presenting on main screen. First stop presenting then adapt your laptop resolution.</p>
	<p>iOS Mirroring – we do not support video playback from AppStore or iTunes.</p>
	<p>iOS 9&amp;10 Mirroring – Using YouTube, when a video has finished playing a disconnection can sometimes be observed.</p>



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QC ID	Limitation Description
	If using Media Windows Center on the unit to open a picture, the client devices using the "View Main Display" feature see a black screen. Windows Viewer is recommended as a workaround.
	Mirroring a QuickTime Player video (MAC only) in full screen mode to the main screen may display freezing artifacts.
	If the network falls/drops while mirroring an iOS device, the presented content freezes on the main display and only a manual disconnection from the gateway participant list stops the Airplay service.
	Recording Feature: when saving a recording file and selecting a "Name" for it, it is not saved on client devices according to the typed-in name but it is shown under a "Date_Time" default name.
	A running e-Exam cannot be ended if the Gateway and the Audience Response System are not in the same TimeZone (even if they show the same time).
	e-Exam and e-Polling do not support special characters and show some layout issues (pie chart conflicts with score table, and so on).
	Translations to foreign languages are not complete.

**Preceding Version:** F - 2.0.0916.788



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**Preceding Version:**

Ver.Type	Ver No.	Date
Firmware	2.0.0916.788	September 2016
Software	–	–
Web	–	–
Hardware	–	–

**RN Date:** September 2016 (Ver.2)

**Reference:** 11272

**Kramer Product Affected:**

Product Name	Minimum FW Version for Upgrade	Recommended for All Units	Only if Added Features are Required
VIA Campus	2.0.0716.774	Yes	N/A

### Technical Notes:

- This version is issued to support iOS10 mirroring feature.
- New TCP/IP and UDP ports were added or modified.
- From now on, only one file is available for performing the update. It must be done through the Web admin page, using the .zip file (zipped and unchanged).

### Codependency with Other Products and Software:

- This version can only be applied on a unit running version 2.0 FW and requires an authentication file. Register your units on Kramer VIA portal to get your authentication file.



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**Product Name:** VIA Campus

**Current Version:**

Ver.Type	Ver No.	Date
Firmware	2.0.0916.788	September 2016
Software	–	–
Web	–	–
Hardware	–	–

**RN Date:** September 2016 (Ver. 2)

**Reference:** 11272

The following changes were made in this version:

### New Features:

	Description																								
	Add iOS10 and MAC OS Sierra mirroring support																								
	New TCP/IP and UDP ports were added or modified: <table border="1" data-bbox="544 1149 1342 1433"><thead><tr><th>Traffic Client to VIA</th><th>Type</th><th>Function</th></tr></thead><tbody><tr><td>9987</td><td>TCP</td><td>Display mobile device</td></tr><tr><th>iOS to VIA</th><th>Type</th><th>Function</th></tr><tr><td>7000</td><td>TCP</td><td>Server port authentication</td></tr><tr><td>7100 – 7300*</td><td>TCP</td><td>Data</td></tr><tr><td>29053</td><td>TCP</td><td>Event port</td></tr><tr><td>2001 - 2201*</td><td>UDP</td><td>Timing</td></tr><tr><td>61875-62000</td><td>UDP</td><td>Audio data</td></tr></tbody></table>	Traffic Client to VIA	Type	Function	9987	TCP	Display mobile device	iOS to VIA	Type	Function	7000	TCP	Server port authentication	7100 – 7300*	TCP	Data	29053	TCP	Event port	2001 - 2201*	UDP	Timing	61875-62000	UDP	Audio data
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2001 - 2201*	UDP	Timing																							
61875-62000	UDP	Audio data																							

### Bugs Fixed:

QC ID	Description
	Date/Time as well as Room Name/Room code are displayed on screen as an overlay on apps open from the VIA gateway.

## Release Note History

### Bugs to be Fixed in Future Version:

QC ID	Description
	iOS Mirroring – we do not support video playback from AppStore or iTunes.
	iOS 9&10 Mirroring – Using YouTube, when a video has finished playing a disconnection can sometimes be observed.
	ChromeBook app has some limitations, such as unsupported Audio and Collaboration features. Also, the gateway IP address must be entered instead of the DNS name. An Internet connection is required.
	If using Media Windows Center on the unit to open a picture, the client devices using the “View Main Display” feature see a black screen. Windows Viewer is recommended as a workaround.
	VIA gateway FW upgrade crashes if the FW is pushed from the VSM and the network connection between the VIA gateway and the VSM is dropped during the upgrade process (WOWApi.exe message).
	Sending a large file (>1GB) from the VIA gateway cloud to a participant leads to a system error (Server.exe message).
	In Dual display mode, some issues with the whiteboard can be observed: incorrect toolbar alignment, multi-touch screen dysfunction.
	If the Cloud directory path is set to Network or VIA Data, then the USB (External Hard Drive) path is not visible anymore after rebooting the gateway.
	New UI scaling feature may distort some icons.
	Mirroring a video being played on Quick Time Player (MAC only) to the main screen may display freezing artifacts.
	The new Extended Display mode feature for Windows clients (to present a second display on the main screen) is not supported on Microsoft Surface devices.
	Translations to foreign languages are not complete.
	The “Configuration” page of the Web interface scrolls to the top after every change applies.
	A running e-Exam cannot be ended if the Gateway and the Audience Response System are not in the same TimeZone (even if they show the same time).
	e-Exam and e-Polling do not support special characters and show some layout issues (pie chart conflicts with score table, and so on).
	Wrong keyboard mapping in “collaboration” mode when using foreign language on a MacBook PRO.



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QC ID	Description
	If the network falls/drops while mirroring an iOS device, the presented content freezes on the main display and only a manual disconnection from the gateway participants' list stops the Airplay service.
	After disconnecting a device from iOS mirroring, one minute must pass before trying to re-connect using Airplay.
	iOS8 devices using Airplay to mirror their content may experience (sometimes) a green screen on the main display.
	Android: When saving a picture/document received using the Cloud/File Sharing feature, it overwrites an existing file with same name without warning, resulting in a blank picture/document being saved.
	Windows Phone: WhiteBoard select all feature (Ctrl+A) is not working.
	Windows Phone: VIA Login page appears instead of documents page when an upload completes.
	Memory overflow (causing slow response time and possible crashes of some services such as Web server, MySQL, ...) may occur if the unit is run for several days straight. Workaround: reboot the device once per day.

**Preceding Version:** F – 2.0.0716.774



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## Release Note History

**Product Name:** VIA Campus

**Preceding Version:**

Ver.Type	Ver No.	Date
Firmware	2.0.0716.774	August 2016
Software	–	–
Web	–	–
Hardware	–	–

**RN Date:** August 2016 (Ver. 2)

**Reference:** 11082

**Kramer Product Affected:**

Product Name	Minimum FW Version for Upgrade	Recommended for All Units	Only if Added Features are Required
VIA Campus	1.9.0316.684	Yes	N/A

### Technical Notes:

- Many modifications were made to enhance the features and the user experience.
- Two files are available for performing the update. Choose only one and do not use both:
  - For updating through the Web admin page, use the .zip file (zipped and unchanged).
  - For updating through the USB port of the device, use the .exe file with a USB drive.
- There is a potential issue with running the VIA Campus for several days straight. The unit may be subject to memory overflow (slow response and crash of some services such as Web server, MySQL, ...).  
Workaround: restart the unit once per day to clean up all memory processes.

### Codependency with Other Products and Software:

- You must upgrade the client applications for your Windows and MAC computers and your Android, iOS and Windows Phone mobile applications. All must support version 1.9 (minimum). Version 2.0 is recommended.
- In order to use the VIA Pad with your VIA gateway, you must upgrade your unit to version 2.0.
- Version 2.0 FW can only be applied on a unit running version 1.9 FW



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Ver.Type	Ver No.	Date
Firmware	2.0.0716.774	August 2016
Software	–	–
Web	–	–
Hardware	–	–

**RN Date:** August 2016 (Ver. 2)

**Reference:** 11082

The following changes were made in this version:

### New Features:

	Description
	User interface skin with redesigned icons and layout.
	Reduced the available settings in the VIA menu to LAN, System Configuration and Third Party Apps. All other settings were moved to the Web interface management UI.
	Audio and TimeZone settings can be adjusted from the Web interface only.
	Whiteboard toolbar can be moved up and down.
	Skype, Go2Meeting and WebEx applications were moved to 3 <sup>rd</sup> party apps.
	VIA client apps for Windows and MAC now offer a Menu option: on the status bar for MAC and in the system tray for Windows.
	VIA client app for Windows devices supports Extended Display mode, for presenting a second display on the main screen. This feature is accessible from the system tray menu.
	Basic Authentication mode now requires a password. Default password is set to "supass", until reset by the user.
	The "VIA Room Manager" list was implemented to input preferred Room Names either manually, from a text file or by importing it from VSM. JPEG or H.264 encoding algorithm (to adapt to client device performance) can be chosen in VIA app client settings.



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	The View Main Display feature for the VIA client app now automatically saves annotations to a document and clears all pending drawings when “Resume” is clicked.
	The “Help” icon was removed from the client app and the “Minimize” icon minimizes the app to the taskbar (instead of moving it to the side).
	In Windows devices, the VIA client UI supports up-scaled size (DPI-based) when device display resolution is greater than 1920x1080.
	<p>Web interface features were added, including:</p> <ul style="list-style-type: none"> <li>• Tooltips (in English only).</li> <li>• “Advanced Configuration” menu for defining default actions upon session end and configuring Time Zone, Audio preferences and UI scaling.</li> <li>• VSM offline configuration.</li> <li>• Gateway Activity logs.</li> <li>• Firmware upgrade requiring authentication (beginning with 2.0.XXX versions, only units under a SW warranty contract are eligible for FW upgrades).</li> <li>• Portuguese language support (in Beta version).</li> </ul>
	Security improvement: New Captcha and Web interface session automatically ends after 10 minutes of inactivity.
	<p>iPAD/ iPhone:</p> <ul style="list-style-type: none"> <li>• iPhone only: 3D touch support with shortcuts to QR code, documents and login screens.</li> <li>• The Photo Album feature was enhanced with new options and the photo selection counter was removed.</li> <li>• Login uses device names as default.</li> <li>• In the multimedia feature, “Photos” tab was removed (Photo Album feature replaces it).</li> <li>• In the Multimedia feature, documents and media files can be deleted using left swipe.</li> <li>• RTP/RTSP streaming player feature was added in multimedia.</li> <li>• Whiteboard was enhanced in View Main Display (Erase/Erase All options and Pause/Resume when annotating).</li> <li>• In Basic Authentication mode, “Become Moderator” now requires a password.</li> </ul>



## Release Note History

	Description
	<ul style="list-style-type: none"><li>• The Home Page of the Web browser can be set to your preferred Website (click on Home pin icon to select it once chosen).</li><li>• The “Cloud” directory icon was renamed to “Files”.</li><li>• The “Start Collaboration” feature now shows a trackpad with left and right buttons and a “Lock” button to maintain the left-click functionality while drawing/annotating.</li><li>• The “Help” and “Minimize” icons were removed.</li><li>• In Chat mode, the keyboard disappears after clicking “Send”.</li></ul>
	<p>Android:</p> <ul style="list-style-type: none"><li>• In the Multimedia feature, the “Photos” tab was removed (replaced by Photo Album feature).</li><li>• In the Multimedia feature, documents and media files can be deleted using left swipe (“undo” option available for Android only).</li><li>• RTP/RTSP streaming player feature was added in Multimedia.</li><li>• In Basic Authentication mode, “Become Moderator” now requires a password.</li><li>• Home Page of the Web browser can be set to your preferred Website (click on Home pin icon to select it once chosen).</li><li>• The “Cloud” directory icon was renamed to “Files”.</li><li>• The “Help” and “Minimize” icons were removed.</li><li>• The “Start Collaboration” feature now shows a trackpad with left and right buttons and a “Lock” button to maintain the left-click functionality while drawing/annotating.</li></ul>



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## Release Note History

	Description
	<p>Windows Phone:</p> <ul style="list-style-type: none"><li>• In the Multimedia feature, the “Photos” tab was removed (replaced by Photo Album feature).</li><li>• In the Multimedia feature, documents and media files can be deleted using a long press.</li><li>• MP4 files are now supported in multimedia streaming feature.</li><li>• RTP/RTSP streaming player feature was added in Multimedia.</li><li>• In Basic Authentication mode, “Become Moderator” now requires a password.</li><li>• Home Page of the Web browser can be set to your preferred Website (click on Home pin icon to select it once chosen).</li><li>• The “Cloud” directory icon was renamed to “Files”.</li><li>• The “Help” and “Minimize” icons were removed.</li><li>• The “Start Collaboration” feature now shows a trackpad with left and right buttons and a “Lock” button to maintain the left-click functionality while drawing/annotating.</li><li>• Moderator mode can now be activated for Windows Phone users.</li></ul>

### Bugs Fixed:

QC ID	Description
8514	Changing the time zone from the Web page didn't work



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## Release Note History

### Known Issues (including compatibility limitations):

QC ID	Description
	ChromeBook app has some limitations, such as unsupported Audio and Collaboration features. Also, the gateway IP address must be entered instead of the DNS name. An Internet connection is required.
	If using Media Windows Center on the unit to open a picture, the client devices using the "View Main Display" feature see a black screen. Windows Viewer is recommended as a workaround.
	VIA gateway FW upgrade crashes if the FW is pushed from the VSM and the network connection between the VIA gateway and the VSM is dropped during the upgrade process (WOWApi.exe message).
	Sending a large file (>1GB) from the VIA gateway cloud to a participant leads to a system error (Server.exe message).
	In Dual display mode, some issues with the whiteboard can be observed: incorrect toolbar alignment, multi-touch screen dysfunction.
	If the Cloud directory path is set to Network or VIA Data, then the USB (External Hard Drive) path is not visible anymore after rebooting the gateway.
	New UI scaling feature may distort some icons.
	Mirroring a video being played on Quick Time Player (MAC only) to the main screen may display freezing artifacts.
	The new Extended Display mode feature for Windows clients (to present a second display on the main screen) is not supported on Microsoft Surface devices.
	Translations to foreign languages are not complete.
	The "Configuration" page of the Web interface scrolls to the top after every change applies.
	A running e-Exam cannot be ended if the Gateway and the Audience Response System are not in the same TimeZone (even if they show the same time).
	e-Exam and e-Polling do not support special characters and show some layout issues (pie chart conflicts with score table, and so on).
	Wrong keyboard mapping in "collaboration" mode when using foreign language on a MacBook PRO.
	If the network falls/drops while mirroring an iOS device, the presented content freezes on the main display and only a manual disconnection from the gateway participants' list stops the Airplay service.



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## Release Note History

QC ID	Description
	After disconnecting a device from iOS mirroring, one minute must pass before trying to re-connect using Airplay.
	iOS8 devices using Airplay to mirror their content may experience (sometimes) a green screen on the main display.
	Android: When saving a picture/document received using the Cloud/File Sharing feature, it overwrites an existing file with same name without warning, resulting in a blank picture/document being saved.
	Windows Phone: WhiteBoard select all feature (Ctrl+A) is not working.
	Windows Phone: VIA Login page appears instead of documents page when an upload completes.
	Memory overflow (causing slow response time and possible crashes of some services such as Web server, MySQL, ...) may occur if the unit is run for several days straight. Workaround: reset the device once per day.

**Preceding Version:** F – 1.9.0316.684



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## Release Note History

**Product Name:** VIA Campus  
**Preceding Version:** F – 1.9.0316.684  
**Version Date:** March 2016  
**Reference:** 10280

The following changes were made in this version:

### Added Features:

- Streaming input plays video streams from a remote location on the main display.
- A new API supports the streaming input feature.
- All API commands sent are now receiving an answer.
- Connecting to the embedded Web admin interface now uses a CAPTCHA test to increase security.
- TLS encryption layer added for transport security from control devices (using port 9986)
- In dual-display mode, the second display now shows the default wallpaper when only one user is stepped-in (instead of a black screen)
- Improved features on the E-Polling/e-Exam module (still in Beta mode)
- Support for multi-touch displays
- The device automatically generates a QR code to allow quick connection from mobile devices.
- NFC tags are supported for quick connection from Android devices equipped with NFC technology.
- A higher frame rate supports Android mirroring on devices running Lollipop (5.0) minimum.
- iOS mirroring support added
- A Windows mobile app is now available from Windows Store.
- Integration with VIA Site Management was finalized.
- Updated languages support new features.

### Fixes:

- Small bugs were fixed.



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## Release Note History

### Internal Known Issues:

QC ID	Description
6920	Audio pops at audio line out
6930	Sometimes need to press twice the 'Login' button by the via client in order to get connected properly
6939	Audio noise/ ticking during pressing the PAUSE button (Multimedia page)

### Known Issues:

- There are no known issues.

**Preceding Version:** F – 1.8.0116.644



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## Release Note History

**Product Name:** VIA Campus  
**Current Version:** F – 1.8.0116.644  
**Version Date:** February 2016  
**Reference:** 10051

The following changes were made in this version:

### Fixes:

- Looping in DHCP mode when using FW version 1.8 with the patch was fixed.
- A boot-loop sequence problem was fixed.
- A dual display issue was fixed.

### Internal Known Issues:

QC ID	Description
6921	WIN10 OS flashes during VIA system load
6935	Some supported files does not play AUDIO at all (video display properly)
6939	Audio noise/ ticking while pressing the PAUSE button (Multimedia page)

### Known Issues:

- There are no known issues.

**Preceding Version:** NP – 1.0, F – 1.8.1215.643



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## Release Note History

**Product Name:** VIA Campus  
**Preceding Version:** NP – 1.0, F – 1.8.1215.643  
**Version Date:** January 2016  
**Reference:** 9877

This is a release note for a new product.

The following changes were made in this version:

### Fixes:

- A bug in streaming input was fixed.

### Internal Known Issues:

QC ID	Description
6920	Audio pops at audio line out
6935	Some video files do not support Audio
6939	Audio noise when pressing the PAUSE button (multimedia)

### Known Issues:

- There are no known issues.

**Preceding Version:** N/A



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