

Release Notes

Product Name: VIA Campus, VIA Campus PLUS

Current Version:

Type	Number	Date
Firmware	2.5.0719.1034	July 2019
Software	–	–
Web	–	–
Hardware	–	–

RN Date: July 4, 2019

Reference: 15627

Kramer Product Affected:

Product Name	Minimum FW Version for Upgrade	Recommended for All Units	Only if Added Features are Required
VIA Campus	2.3.0418.960	Yes	Yes
VIA Campus PLUS	2.3.0418.966	Yes	Yes



This version can be applied ONLY to a VIA Campus/Campus PLUS unit running FW version 2.3.0418.960 and up.

If you are running a lower version, please install either the 2.3.0418.960 or a more recent release before updating your device to 2.5.0519.1034.

Technical Notes:

- Bug fixes.
- Device has been tested with the latest versions of each of the following market popular browsers:

Windows	IE / Edge
	Firefox
	Chrome
Mac	Safari

Codependency with Other Products and Software:

- There is no codependency with other products or software.



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Current Version:

Type	Number	Date
Firmware	2.5.0719.1034	July 2019
Software	–	–
Web	–	–
Hardware	–	–

RN Date: July 4, 2019

Reference: 15627

The following changes were made in this version:

Bugs Fixed:

QC ID	Fixed Bug Description
Client:	
	Improved search engine for the VIA Discovery service when searching within a large number of VIA devices.
	For Windows VIA Client app, the Primary/Secondary display selection is no longer hidden when the “Present” button is activated
Web Interface:	
	System Information page – the “Check for update” button now properly downloads the update file.
	Issue with deletion of Digital Signage and ePolling data when device was connecting to VSM to fetch configurations (with VIA Discovery Service feature enabled) is solved.

Bugs to Fix in Future Versions:

QC ID	Deferred Bug Description
	In Dual Network configuration, when using the Chrome app to connect to the secondary VIA network, the page redirects to the primary network IP.
	When using a touchscreen connected to the VIA device and selecting the “FreeFlow” display layout, the “Hide Thumbnail” option remains selected, even if not applicable.
	When the VIA device is connected to some 4K displays, the “View Main Display” feature may return only ¼ of the full image. This happens only with some rare displays.



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Known Limitations (including compatibility limitations):

QC ID	Limitation Description
	When using Airplay feature from a MAC OS or iOS device, if the user stops mirroring his device and tries to re-connect to the same unit, the room code won't prompt again on the main display.
	In Screen Editor, when creating a customized Room Name to be used with the Broadcasting feature, if this name uses a space character, the space is ignored on the screen
	In Screen Editor, it is not possible to delete multiple templates at one time.
	When the View Main Display feature is activated on a client device, the highlighter tool for private annotations does not work properly in some specific conditions.
	For Windows client, when using the View Main Display feature and clicking on the "maximize" icon, it shifts the image to the lower left side of the laptop.
	When using Moderator mode, the session will not start until a Moderator connects to the session, except if a user connects using a VIAPad. He will be able to present anyway.
	For VIA clients running on Windows 10 Enterprise on devices equipped with an AMD A9 GPU, there is a delay in presenting the content to the main display.
	Audio issue with HP Elite/Zbook laptops: Sound is heard on both the presenter's and receiver's speakers during a remote presentation. Issue reported by HP and they have released new drivers. For easier search, we are publishing them here: https://www.dropbox.com/sh/wvmjrvn2veudcd6/AAAACfOuQoK72tETeBnLDcqFa?dl=0 Download the drivers according to your laptop type: G4/G5 laptops – 2017/2018 Platform Elite x2 1012 G1 laptops – 2015 Platform
	For French language: wrong mapping of virtual AZERTY keyboard in collaboration mode from MacBook devices running VIA client app.
	Languages are not yet fully updated to reflect the latest changes in the UI and web pages. This is a work in progress.
	ePolling feature prompts the selection message twice when used from a client device equipped with a touchscreen.
	If ePolls are created in a non-English language, the exported results of the poll are exported in non-UTF characters.

Preceding Version: 2.5.0519.1032



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Release Notes History

Product Name: VIA Campus, VIA Campus PLUS

Current Version:

Type	Number	Date
Firmware	2.5.0519.1032	May 2019
Software	–	–
Web	–	–
Hardware	–	–

RN Date: May 2019

Reference: 15446

Kramer Product Affected:

Product Name	Minimum FW Version for Upgrade	Recommended for All Units	Only if Added Features are Required
VIA Campus	2.3.0418.960	Yes	Yes
VIA Campus PLUS	2.3.0418.966	Yes	Yes



This version can be applied ONLY to a VIA Campus/Campus PLUS unit running FW version 2.3.0418.960 and up.

If you are running a lower version, please install either the 2.3.0418.960 or the 2.4.0918.996 release before updating your device to 2.5.0519.1032.

Technical Notes:

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

Codependency with Other Products and Software:

- There is no codependency with other products or software.



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Release Notes History

Product Name: VIA Campus, Campus PLUS

Current Version:

Type	Number	Date
Firmware	2.5.0519.1032	May 2019
Software	–	–
Web	–	–
Hardware	–	–

RN Date: May 2019

Reference: 15446

The following changes were made in this version:

New Features:

	New Feature Description
Web Interface:	
	Welcome Page Editor: Upload custom background images (wallpaper) Freely add and position custom text and widgets Customize font size and color
	Using predefined variables for Screen Editor and Digital Signage features, such as: #airplayname# (name used for AirPlay) #roomname# (name used for room) #roomcode# (code generated for room connection) #appass# (Access Point password) #apname# (Access Point name) #ipaddress1# (IP address of Primary network) #ipaddress2# (IP address of Secondary network)
	Direct Digital Signage Request – Enables you to request a Digital Signage Demo license (3 months) directly from the VIA web pages. If the device is entitled to a full license, an unlimited license is activated for the device.
	It is required to configure your network to support the online Digital Signage activation and the VIA Discovery: Allow domain https://discovery.wowvision.com and open Port 443.
	Moderator Standby – When using Moderator mode, the session does not start until a Moderator connects to the session. All connected clients see their features disabled and the following message is displayed on the main display: “Thank you for joining. The session will begin once a Moderator connects to VIA.”
	ZIP File Pop-up – A message appears when using the Web Interface > Utilities web page to inform users to upload ZIP files only.



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	New Feature Description
	Web Interface > Digital Signage > Manage Content: added option to create fixed text by setting scrolling speed to zero.
Client:	
	Network Monitoring Tool – This feature is available in the MAC/Windows Client Settings, accessible from the taskbar shortcut menu. It shows a graphical representation of the live traffic (bi-directional) between the client and VIA.
	Room Name Broadcast – When enabled from the web interface, this feature enables Client apps to auto-discover and list the Meeting Spaces available on the network, enabling a one-click connection. Note: Bonjour Service is required to support this feature. Please refer to IT Deployment Guide for more details.
	New Login Screens for Client Apps – The Room List Manager has been replaced by these new login screens. If the Room Name Broadcast feature is enabled, Meeting Spaces available on the network are listed for one-click connection.
	New and improved VIA client supported as a URL for ChromeBook devices and Chrome web browser with added supported features (depending on VIA specific device features' set). Only requires installing an extension to Present. Update from previous Chrome client extension to this new one is automated. Remote collaboration is also possible for distance participants.
API:	
	API command for starting/stopping Digital Signage playback.
	API command to auto login from Kramer Network to VSM and VIA devices.

Modifications:

QC ID	Modification Description
Client:	
	For Windows client app, the option to present either the Primary or the Secondary display has been moved to the main UI.
	YouTube player improvements.
Gateway:	
	Room Code pop-up now appears without the word "Code" before it.
Web Interface:	
	The "wallpaper" selection option has been removed from the VIA Setup Wizard.
	Web Interface > Global Settings > Session Settings – The tab name has been changed to "Session & Broadcast".



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QC ID	Modification Description
	Web Interface > Global Settings > Upload Certificate – Added the following note: “Password protected certificate is not supported.”
	Web Interface > VIA Management > Calendar: Microsoft Exchange server support added Support for Impersonate and Delegate calendar options
	API for Emergency Messages now switches the main display to the VIA source (if set to a different source) and flashes the emergency message on the main display.
API:	
	Some API commands have been removed and are not supported anymore: RoomCode set RoomName set DateTime set QR set 24hour

Dropped Features:

	Dropped Feature Description
	In the client app, when Moderator Mode is active, usernames containing “#” character are no longer supported

Bugs Fixed:

QC ID	Fixed Bug Description
	On login, the System Information page displays VIA details more quickly.
	In Moderator Mode / Active Directory mode, passwords containing special characters (such as ‘&<>,’\) are now supported for client login.
	File Sharing “drag & drop” action is now not possible when the feature is disabled on all clients and on the VIA side.
	Digital Signage feature: When creating a campaign composed of 2 URLs, the second one is now displayed properly on the display.
	Calendar widget no longer displays with distortion when connected to a 4K display.
	For Chinese language: Username in Chinese is now displayed properly in the client app login window.
	When using AirPlay for mirroring an iOS client device and YouTube app is playing a video, it is now possible to control the audio volume using the iOS device volume buttons.



Release Notes History

QC ID	Fixed Bug Description
	When using Dual Network configuration, the settings of the second network cannot be switched from Static to DHCP on the VIA Settings interface. You must use the embedded web pages to apply this change.

Bugs to Fix in Future Versions:

QC ID	Deferred Bug Description
	When using a touchscreen connected to the VIA device and selecting the "FreeFlow" display layout, the "Hide Thumbnail" option remains selected, even if not applicable.
	When the VIA device is connected to some 4K displays, the "View Main Display" feature may return only ¼ of the full image. This happens only with some rare displays.

Known Limitations (including compatibility limitations):

QC ID	Limitation Description
	When using Airplay feature from a MAC OS or iOS device, if the user stops mirroring his device and tries to re-connect to the same unit, the room code won't prompt again on the main display.
	In Screen Editor, when creating a customized Room Name to be used with the Broadcasting feature, if this name uses a space character, the space is ignored on the screen
	In Screen Editor, it is not possible to delete multiple templates at one time.
	When the View Main Display feature is activated on a client device, the highlighter tool for private annotations does not work properly in some specific conditions.
	For Windows client, when using the View Main Display feature and clicking on the "maximize" icon, it shifts the image to the lower left side of the laptop.
	When using Moderator mode, the session will not start until a Moderator connects to the session, except if a user connects using a VIAPad. He will be able to present anyway.
	For VIA clients running on Windows 10 Enterprise on devices equipped with an AMD A9 GPU, there is a delay in presenting the content to the main display.
	Audio issue with HP Elite/Zbook laptops: Sound is heard on both the presenter's and receiver's speakers during a remote presentation. Issue reported by HP and they have released new drivers. For easier search, we are publishing them here: https://www.dropbox.com/sh/wvmjrvn2veudcd6/AAACfOuQoK72tETeBnLDc_qFa?dl=0 Download the drivers according to your laptop type:



Release Notes History

QC ID	Limitation Description
	G4/G5 laptops – 2017/2018 Platform Elite x2 1012 G1 laptops – 2015 Platform
	For French language: wrong mapping of virtual AZERTY keyboard in collaboration mode from MacBook devices running VIA client app.
	Languages are not yet fully updated to reflect the latest changes in the UI and web pages. This is a work in progress.
	ePolling feature prompts the selection message twice when used from a client device equipped with a touchscreen.
	If ePolls are created in a non-English language, the exported results of the poll are exported in non-UTF characters.

Preceding Version: 2.4.0918.996



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Release Notes History

Product Name: VIA Campus, VIA Campus PLUS

Current Version:

Type	Number	Date
Firmware	2.4.0918.996	October 2018
Software	–	–
Web	–	–
Hardware	–	–

RN Date: October 2018

Reference: 14622

Kramer Product Affected:

Product Name	Minimum FW Version for Upgrade	Recommended for All Units	Only if Added Features are Required
VIA Campus	Any	Yes	Yes
VIA Campus PLUS	None	Yes	Yes



This version can be applied ONLY to a VIA Campus unit running FW version 2.3.0418.960.

If you are running a lower version, please install the 2.3.0418.960 release before updating your device to 2.4.0918.996.

Technical Notes:

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

Codependency with Other Products and Software:

- There is no codependency with other products or software.



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Release Notes History

Product Name: VIA Campus / VIA Campus PLUS

Current Version:

Type	Number	Date
Firmware	2.4.0918.996	October 2018
Software	–	–
Web	–	–
Hardware	–	–

RN Date: October 2018

Reference: 14622

The following changes were made in this version:

New Features:

	New Feature Description
Gateway:	
	Room Calendar Integration – shows the room occupancy schedule on the main display.
	Volume icon on the gateway dashboard menu for quick access to volume level selection.
	New Whiteboard tools: Basic shapes, such as circle, rectangle and straight line Highlighter pen
	When using Dual Network configuration, you can now use the QR code to log in to VIA from either of the two networks.
	In Dual Display mode, the second display shows the Room Name, Code and Date & Time fields positioned as they appear on the first display.
	Colors used for the ePolling graphs have been changed to avoid use of Green and Red.
	HDMI™ Input and PIP features now have a visual indicator on their icon to report their status (Campus PLUS only).
Web Interface:	
	Activate the Room Calendar display: 1. In VIA Management > Calendar, select the Show Calendar on VIA checkbox. 2. Enter your Office 365 or Google Calendar credentials.
	Connectivity to VSM section on the System Information page – indicates if a connection to the VSM can be established.
	Date & Time Settings now have options to be set in 24-hours format.
	Setting the default presentation encoding format to H.264 or JPEG from VIA Management > VIA Settings > Advanced tab. This setting overrides any client-side encoding settings.



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	New Feature Description
	Reset VIA Session button – enables you to apply changes made through the embedded web pages without the need to reboot the VIA device. Only changes made to Date & Time settings require a full reboot.
	Setting a default volume output level for the VIA device from the VIA Management > VIA Settings > Advanced tab. The device returns to the default volume after Reset or End of Session.
	Session Timeout Alert pop-up – appears if the web page session is about to expire. Click OK on the pop-up to continue the session. Configure the Default Timeout length from VIA Management > Global Settings > Session Settings.
	The option to offer the “Reset Session” functionality to the users (in client interface) can be disabled from VIA Management > VIA Settings > Advanced tab.
	Captcha code disabling – enable/disable from VIA Management > Global Settings > Session Settings.
	Digital Signage features: RSS feeds can be added as a Media Type If a webpage is set as content for Digital Signage, it is refreshed automatically to reflect any change applied to this webpage.
	RTP streaming protocol – added to the already supported TCP and UDP protocols.
Client:	
	When a gateway is configured to a VSM server, the VIA client Room List Manager automatically fetches all Room Names of all VIA devices configured to that same VSM server.
	Volume icon on the client taskbar menu – for quick access to volume level selection
	The whiteboard on main display can be closed using the whiteboard icon from the client interface and an indicator has been added to the whiteboard icon to reflect the current status of the whiteboard (open or not).
	Debugging logs for Windows client – can be enabled from the client Settings Menu and logs can be downloaded for further analysis by tech support.
	ePolling feature has been renamed “Manage ePoll” for Moderators, and “Participate ePoll” for Participants.
API:	
	API command has been created to allow an emergency message to be pushed to the VIA display.



Release Notes History

Modifications:

QC ID	Modification Description
Gateway:	
	In whiteboard, the "Font" selection option has been moved under the "Text" button.
	In whiteboard, the "Previous Page" and "Next Page" selection options have been moved under the "Current Page" button.
	The YouTube feature has been removed from the Multimedia tab and now appears as a stand-alone feature from VIA Main Menu.
Client:	
	YouTube player appears now as a stand-alone feature, under main client menu
	Videos which are not supported by the YouTube player return an error message to the user with details on the root failure

Bugs Fixed:

QC ID	Fixed Bug Description
00183428	Setup Wizard supports wider range of resolutions.
00185308	Resolves issue with Annotation line thickness when using Reverse Control on a Client device running Power Point
1086774	Resolves ePoll displaying issue on client device when set to foreign language.
	MAC clients running OSX 10.13 can now minimize the app using the " _ " icon.
	During Login process, the Login button doesn't switch back to "Logging In..." before connecting.

Bugs to Fix in Future Versions:

QC ID	Deferred Bug Description
	ePoll feature prompts the selection message twice when used from a client device equipped with touchscreen
	If ePolls are created in a non-English language, the exported results of the poll are exported in non-UTF characters.
	When using a touchscreen connected to the VIA device and selecting the "FreeFlow" display layout, the "Hide Thumbnail" option remains selected, even if not applicable.



Release Notes History

QC ID	Deferred Bug Description
	When the VIA device is connected to some 4K displays, the “View Main Display” feature may return only ¼ of the full image. This happens only with some rare displays.
	When using Dual Network configuration, the settings of the second network cannot be switched from Static to DHCP on the VIA Settings interface. You must use the embedded web pages to apply this change.

Known Limitations (including compatibility limitations):

QC ID	Limitation Description
	Special characters such as “@”, “#” and “_” are not supported for naming the mirroring devices.
	Live Channel is not working in YouTube AirPlay mirroring.
	Digital Signage: Some of the font families are not centrally aligned in text.
	Audio issue with HP Elite/Zbook laptops: Sound is heard on both the presenter's and receiver's speakers during a remote presentation. Issue reported by HP and they have released new drivers. For easier search, we are publishing them here: https://www.dropbox.com/sh/wvmjrvn2veudcd6/AAAACfOuQoK72tETeBnLDc qFa?dl=0 Download the drivers according to your laptop type: G4/G5 laptops – 2017/2018 Platform Elite x2 1012 G1 laptops – 2015 Platform
	Chromebook: A maximum of 6 (when connecting one display) or 12 (when connecting 2 displays) devices can simultaneously present to a VIA Campus/Campus PLUS/Collage. However, in any scenario, a maximum of 2 Chromebook users can simultaneously present among the total possible number of presenters.
	When using AirPlay for mirroring iOS client device and YouTube app is playing a video, it is not possible to control the audio volume using the iOS device volume buttons.
	VIA dashboard allows spaces in the Hostname, while the embedded web pages do not.
	In Digital Signage module: when previewing an RSS feed, the window shows images and text. It should show text only, as our player cannot play images.
	Languages are not yet fully updated to reflect the latest changes in the UI and web pages. This is a work in progress.
	File upload progress is shown as “completed” even if the selected USB Drive directory is full.



Release Notes History

Preceding Version: Campus –2.3.0418.960, Campus PLUS – 2.3.0418.966



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Release Notes History

Product Name: VIA Campus, VIA Campus PLUS

Current Version:

Type	Number	Date
Firmware	2.3.0418.960	April 2018
Software	–	–
Web	2.3.0418.656	April 2018
Hardware	–	–

RN Date: April 2018

Reference: 14005

Kramer Product Affected:

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

Technical Notes:

- Enhancements and improvements.
- The new features are described in the updated User Manual (to be released soon).

Codependency with Other Products and Software:

- This version can be applied on a unit running version 2.0.0916.788 FW or above and requires an authentication file if the unit is not running the previous 2.2.1018.918 FW.
Register your units on Kramer VIA portal to get your authentication file.
- If your device is running the 2.2.1018.918 FW, then no authentication file is required.



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Release Notes History

Product Name: VIA Campus, VIA Campus PLUS

Current Version:

Type	Number	Date
Firmware	2.3.0418.960	April 2018
Software	–	–
Web	2.3.0418.656	April 2018
Hardware	–	–

RN Date: April 2018

Reference: 14005

The following changes were made in this version:

New Features:

	New Feature Description
	VIA CAMPUS gateway:
	<p>VIA Setup Wizard has been introduced: New VIA gateways from the factory boot to a Getting Started Wizard that walks new users through the VIA setup process. The wizard is shown on the main display when the unit is first booted up and is navigated with a USB keyboard and mouse. Users are walked through setup of the following items: Language Network setup (including Wi-Fi) VIA Site Management Time Zone Audio Output Chromebook & Airplay setup Wallpaper Auto Reboot & Power-Off Auto-Registration of the VIA gateway to the Kramer VIA Portal (www.kramerav.com/il/partners/Products) The Wizard does not automatically appear after a FW update, but existing gateways can be reset so that it appears on the NEXT boot up. This can be done through the Maintenance Tab on the gateway's embedded web page. The Wizard does not launch if a VIA gateway has been added to a VSM through VIA Discovery. The Wizard interface is optimized for 1920x1080 display resolution</p>
	Files list on Cloud can be sorted by Name , Modified Date , Type or File Size , by just clicking on the relevant header
	Date and Time on the main display is now right justified to accommodate long text (in some languages).



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	New Feature Description
	Recording User Interface on client devices now shows the name of the file recorded. This information appears after the recording session is stopped.
VIA CAMPUS web interface:	
	VIA Registration window pops up if the unit has not been registered at the end of the Wizard process. If you do not wish to register at this time, close the window by clicking the upper right "x". To register, enter your Kramer portal credentials in the window and your device is automatically added to your fleet of VIA devices.
	In System Information / Firmware Version: New " Check for Update " button enables connecting to the Kramer Server to check if a newer FW version is available for download. Internet access is required to ensure correct connection to the Server. The related Release Notes are also accessible. Firmware v2.4 is the first version to use this new feature.
	In System Information / VIA Discovery Service: VIA Discovery Service status shows if the connectivity of the VIA device to the WOW Vision Server is active or not. This is to ensure that this VIA device can be discovered by the VSM automatically. Success: Connection to http://cb.wowvision.com at port 443 is successful. Failure: Connection to cb.wowvision.com at port 443 failed.
	In VIA Management > VIA Settings > Advanced > File Sharing Settings: file types of .jpeg , .jpg , .png and .pdf cannot be blocked. This is to ensure whiteboard files sharing support.
	In VIA Management > Global Settings (NEW): NTP: NTP Servers can now be added to VIA for syncing the time. Upload Certificate: Custom HTTPS authentication certificates can now be uploaded
	In Digital Signage* > DSS Management > Font Management: Ability to upload custom fonts. Note: Customer fonts uploaded to DSS are deleted if the Digital Signage module is reset from the Maintenance page.
	DSS campaigns can be scheduled to 1 year length maximum.
	VIA Management > Display Control (NEW): Activate this feature to control your display over TCP/IP: Send HDMI Input switch command to toggle between VIA source and another source. Send Switch ON/Switch OFF command.
VIA CAMPUS client:	



Release Notes History

	New Feature Description
	Extended Desktop feature is now supported on all client Windows laptops, after installation of the relevant drivers. The installation is triggered once the secondary display is selected from the Windows Task Bar. Note: This feature is supported ONLY if the VIA client app is installed and not if the app is run without installing. It is required to reboot the laptop once the driver is installed.
	Ability to select the VIA app location path when installing it. By default, it is installed in C:\KRAMER\VIA.
	Touch Bar support for MAC client app (for MAC OS 10.12 and onwards only).
	For MAC OS 10.13, the client app notifies the user if the Audio driver needs to be enabled from Security & Privacy Settings.
	Room List Manager: Ability to delete a room name permanently
VIA Pad:	
	Note: After you update the firmware of your VIA, re-pair your VIAPad to ensure that it is running the latest software.
	When downloading the client application from the gateway, a download progress bar is now displayed.
	Download port has been changed from 80 to 9983
API changes:	
	Get the URL being streamed and change it if required.
	Get the status if the gateway is streaming or not.
	Wakeup the display from sleep.
	Switch the whiteboard between whiteboard mode (where the whiteboard is visible and the tools are on the top/bottom) and desktop mode (where the background is visible and a toolbar appears on the left).
	Get the display status (presenting, not presenting, waiting to present) from the gateway.
	Enable and disable room name overlay on gateway.
	Enable or disable chrome mirroring.
	Enable controllers to accept commands only over SSL connections.
	Enable or disable the feature that enables participants to deny requests to present their screens on the main display.
	Moderator can allow or deny a presentation request from a participant.
	Enable and disable recording; change the recording location.
	Enable or disable ePolling on VIA gateway.



Release Notes History

Bugs Fixed:

QC ID	Fixed Bug Description
176268	Displayed picture from iMac 5K resolution is no longer replicated twice.
174927	HP EliteBook equipped with AMD processor now presents properly.
175869	French and Spanish language texts are no longer truncated.
176267	DSS license file cannot be uploaded by mistake to a VIA unit as a license file.
179512	Fixed issue with “su” user being unable to connect to the Settings if “web admin” rights have been removed for this user.
176555	Fixed issue when 2 frames are overlaying one another and not playing properly.
177924	YouTube app is now working properly when using AirPlay mirroring.
178924	YouTube built-in player now supports new codecs.
	Files – even with names other than English – are now successfully shared with all participants when dragged and dropped on MAC client’s participants list.
	All files are now visible when the Cloud directory is opened on the gateway.
	Web polling starting date is corrected on the results’ page when a poll has not yet started.

Bugs to Fix in Future Versions:

QC ID	Deferred Bug Description

Known Limitations (including compatibility limitations):

QC ID	Limitation Description
	Special characters such as “@”, “#” and “_” are not supported for naming the mirroring devices.
	Live Channel is not working in YouTube AirPlay mirroring.
	Digital Signage: Some of the font families are not centrally aligned in text.
	VIA client app for MAC OS 10.13 cannot be minimized using the “_” icon: https://bugreports.qt.io/browse/QTBUG-64994
	Audio issue with HP Elite/Zbook laptops: Sound is heard on both the presenter's and receiver's speakers during a remote presentation. Issue reported by HP at following link https://support.hp.com/in-en/document/c05851794



Release Notes History

QC ID	Limitation Description
	Chromebook: A maximum of 6 (when connecting one display) or 12 (when connecting 2 displays) devices can simultaneously present to a VIA Campus/Collage. However, in any scenario, a maximum of 2 Chromebook users can simultaneously present among the total possible number of presenters.
	When using AirPlay for mirroring iOS client device and YouTube app is playing a video, it is not possible to control the audio volume using the iOS device volume buttons.

Preceding Version: F – 2.2.1017.918



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Release Notes History

Product Name: VIA Campus, VIA Campus PLUS

Current Version:

Type	Number	Date
Firmware	2.2.1017.918	November 2017
Software	–	–
Web	–	–
Hardware	–	–

RN Date: November 2017

Reference: 13446

Kramer Product Affected:

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

Technical Notes:

- Enhancements and improvements have been made.

Code dependency with Other Products and Software:

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



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Release Notes History

Product Name: VIA Campus, VIA Campus PLUS

Current Version:

Type	Number	Date
Firmware	2.2.1017.918	November 2017
Software	–	–
Web	–	–
Hardware	–	–

RN Date: November 2017

Reference: 13446

The following changes were made in this version:

New Features:

	New Feature Description
	VIA Campus gateway:
	Improved iOS mirroring support for iOS9 / iOS10 / iOS11 devices and Mac OS laptops: - Video mirroring with improved lip sync - When user's phone/tablet enters sleep mode, session can be resumed by unlocking the phone/tablet within 1 minute; after this delay, the session is closed and user is disconnected from VIA
	YouTube playback has been improved: - URL name in "YouTube and Streaming" is now optional
	Authentication file is not required anymore for future FW upgrade after installation of this build

Bugs Fixed:

QC ID	Bug Fix Description
	Reverse Control issue on Mac laptops from multi-touch display – fixed
	VMD at client side on Windows 7 specific laptops – fixed
	VIAPad not working correctly in case of second IP selection (dual network mode) – fixed
	VIAPad was not working on Mac running 10.11 OS – fixed
	DNS name lost after FW upgrade – fixed

Known Limitations (including compatibility limitations):

QC ID	Known Limitation Description
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	All VIAs: Conexant audio chipset equipped PCs need to disable the HW accelerator to have audio correctly sent to the main screen
	Digital Signage: Web page is for static html pages and not for video content of any type.
	VMD issue with some old iPad and Android devices which are unable to support decoding of 4k2k video. However, the newer iOS and Android devices are able to decode 4k2k, so they can support the VMD feature correctly. The workaround for these older devices is to set the display to 1080p max resolution.
	YouTube player: <ul style="list-style-type: none">- Playing list URLs are not supported in our player- Our player supports only HTML 5 compatible content- If the request for playing content contains an invalid parameter value, such as a video ID not having 11 characters, or a video ID with invalid characters (i.e. exclamation points or asterisks), then the video may not play- If the owner of the requested video to be played on our YouTube player does not allow it to be played in an embedded player, then it may not play
	iOS mirroring: Using Airplay to mirror YouTube videos running advertisements can lead to some pause on mirrored content when advertisement stops and video starts.
	Mac OS 10.10.5 mirroring: Content may freeze on main display if AirPlay is disconnected from Mac while a video is being played in QuickTime or VLC players.

Preceding Version: F – 2.2.0717.908



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Release Notes History

Product Name: VIA Campus, VIA Campus PLUS

Current Version:

Type	Number	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, VIA Campus PLUS	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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Release Notes History

Product Name: VIA Campus, VIA Campus PLUS

Current Version:

Type	Number	Date
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 Home Page 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”.
	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.



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Release Notes History

	New Feature Description
	New API commands added: Start / Stop / Restart Streaming Change Streaming URL Set auto reboot timing for the VIA device Screen Share On/Off for individual user Display request status IPInfo IPSetting
	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: Collaboration 3 rd Party Applications File sharing Files Cloud access
	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).
	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.



Release Notes History

QC ID	Fixed Bug Description
	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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Release Notes History

Product Name: VIA Campus, VIA Campus PLUS

Current Version:

Type	Number	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, VIA Campus PLUS	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.
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Release Notes History

Product Name: VIA Campus, VIA Campus PLUS

Current Version:

Type	Number	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
	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



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Release Notes History

	New Feature Description
	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
	Web Interface layout changes and new configuration options: # Layout of the Configuration Menu is organized in tabs # Advanced Configuration now moved as a tab of the "Configuration" menu # New "Recording" Tab to activate the feature and select default saving option (System – USB drive – VSM) added to "Configuration" # File type selection (based on extensions) for "File Sharing" feature added to "Advanced Configuration" tab # Room Name Overlay feature setting added "Configuration/Display Settings" tab # Room Name can be overridden by DNS name # VIA Pad "Auto-login to WiFi" enhancement to accommodate long passwords and special characters
	New API commands added: # Serial Number of the VIA gateway # MAC address of the VIA gateway # VIA gateway version # Playing Media info # iOS User's List # Recording Start & Stop # Restart Apache server # Close Running 3 rd Party Apps
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: http://cb.wowvision.com/chrome.php



Release Notes History

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. https://cb.wowvision.com:446
	Below IPs must be allowed for Chrome Application: # 192.169.179.35 – turn1.wowvision.com/ port 3478 # 148.72.244.148 – turn2.wowvision.com/ 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

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
	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.



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Release Notes History

QC ID	Limitation Description
	As a result, the extended display mode is not supported on Microsoft Surface devices and on some Win10 devices.
	Some audio limitations on the Chrome application: # 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") # If using Tab share mode: local audio is not shared. # When a media file playback is complete, audio does not work if restarted. # The audio stops if YouTube media is played while another media already plays on full screen.
	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.
	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.
	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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Release Notes History

Product Name: VIA Campus

Preceding Version:

Type	Number	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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Release Notes History

Product Name: VIA Campus

Current Version:

Type	Number	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="523 954 1318 1234"> <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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7100 – 7300*	TCP	Data																							
29053	TCP	Event port																							
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.

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.



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Release Notes History

QC ID	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.
	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.
	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.



Release Notes History

QC ID	Description
	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 Notes History

Product Name: VIA Campus

Preceding Version:

Type	Number	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.



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Release Notes History

- 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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Release Notes History

Product Name: VIA Campus

Current Version:

Type	Number	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 rd 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.
	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.
	Web interface features were added, including: Tooltips (in English only). "Advanced Configuration" menu for defining default actions upon session end and configuring Time Zone, Audio preferences and UI scaling.



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Release Notes History

	Description
	<p>VSM offline configuration. Gateway Activity logs. Firmware upgrade requiring authentication (beginning with 2.0.XXX versions, only units under a SW warranty contract are eligible for FW upgrades). Portuguese language support (in Beta version).</p>
	<p>Security improvement: New Captcha and Web interface session automatically ends after 10 minutes of inactivity.</p>
	<p>iPAD/ iPhone: iPhone only: 3D touch support with shortcuts to QR code, documents and login screens. The Photo Album feature was enhanced with new options and the photo selection counter was removed. Login uses device names as default. In the multimedia feature, “Photos” tab was removed (Photo Album feature replaces it). In the Multimedia feature, documents and media files can be deleted using left swipe. RTP/RTSP streaming player feature was added in multimedia. Whiteboard was enhanced in View Main Display (Erase/Erase All options and Pause/Resume when annotating). In Basic Authentication mode, “Become Moderator” now requires a password. The Home Page of the Web browser can be set to your preferred Website (click on Home pin icon to select it once chosen). The “Cloud” directory icon was renamed to “Files”. 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. The “Help” and “Minimize” icons were removed. In Chat mode, the keyboard disappears after clicking “Send”.</p>
	<p>Android: In the Multimedia feature, the “Photos” tab was removed (replaced by Photo Album feature). In the Multimedia feature, documents and media files can be deleted using left swipe (“undo” option available for Android only). RTP/RTSP streaming player feature was added in Multimedia. In Basic Authentication mode, “Become Moderator” now requires a password. Home Page of the Web browser can be set to your preferred Website (click on Home pin icon to select it once chosen). The “Cloud” directory icon was renamed to “Files”. The “Help” and “Minimize” icons were removed. 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.</p>



Release Notes History

	Description
	<p>Windows Phone:</p> <p>In the Multimedia feature, the “Photos” tab was removed (replaced by Photo Album feature).</p> <p>In the Multimedia feature, documents and media files can be deleted using a long press.</p> <p>MP4 files are now supported in multimedia streaming feature.</p> <p>RTP/RTSP streaming player feature was added in Multimedia.</p> <p>In Basic Authentication mode, “Become Moderator” now requires a password.</p> <p>Home Page of the Web browser can be set to your preferred Website (click on Home pin icon to select it once chosen).</p> <p>The “Cloud” directory icon was renamed to “Files”.</p> <p>The “Help” and “Minimize” icons were removed.</p> <p>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.</p> <p>Moderator mode can now be activated for Windows Phone users.</p>

Bugs Fixed:

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

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.



Release Notes History

QC ID	Description
	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.
	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

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:



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Release Notes History

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.

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)



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Release Notes History

Known Issues:

- There are no known issues.

Preceding Version: F – 1.8.0116.644

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.

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

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.



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Release Notes History

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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