



KRAMER ELECTRONICS LTD.

# VIA Site Management Software

MODEL:

**Web Admin User Manual**

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P/N: 2900-300496 Rev 1

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# 1 Introduction

**VIA Site Management** software (**VSM**) is a software application that allows an administrator to monitor and make changes to all connected VIA Collage, Campus or Connect PRO gateways. It is a Web-based interface that allows the administrator to:

1. Add or modify an existing VIA Gateway (VIA Collage/VIA Campus/VIA Connect PRO).
2. Push various settings like configuration, gateway features, client features, and so on to Collage/Campus/Connect PRO units.
3. Update Collage/Campus/Connect PRO units from the central server when the updates become available.
4. Manage the following statuses for all Collage/Campus/Connect PRO units attached to the **VSM**:
  - CPU usage
  - HDD usage
  - Off/On status
  - Configuration and download status
  - FW Version status

**VSM** can automatically provide individual configuration to added gateways or the settings can be configured locally.

## 1.1 Purpose

This document clarifies the various features associated with **VSM** and how to use it to manage the added gateways.

## 1.2 Intended Audience

This document is for Kramer's customers, resellers and distributors who want to understand how to use **VIA Site Management** software. We expect that you have a working knowledge of VIA Collage, VIA Campus and VIA Connect PRO to use this product.

In addition, we recommend that a network administrator or someone similar use and configure this product.

If you are not a network administrator but have working knowledge of the above-mentioned products, we suggest that you consult with the person who manages the network in your organization before making changes to the network and other settings.



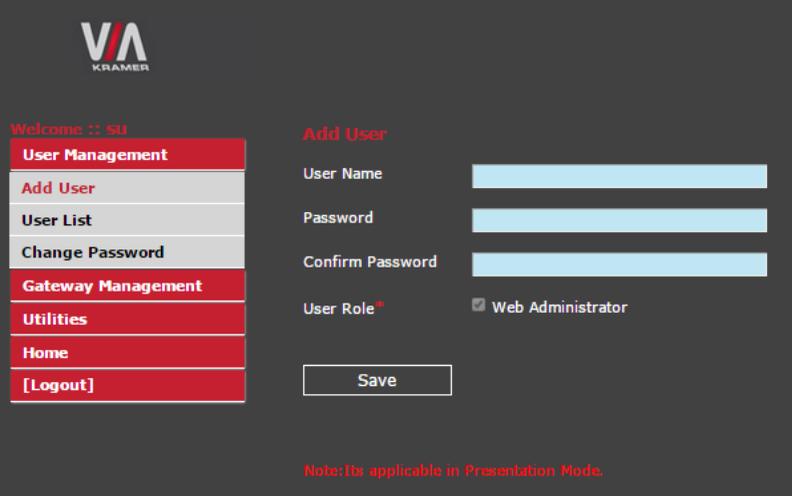
## 3 User Management

This section explains how the administrator can create extra users who manage the server.

### 3.1 Adding a User

Create new user names for logging in to a **VIA Site Management** software. All users are created as administrators of the **VIA Site Management** software.

1. Click **Add User**.
2. In the **User Name** field, type a username. Text beside this field shows if the typed username is available.
3. In the **Password** field, type a password.
4. In the **Confirm Password** field, re-type the password.
5. Click **Save**.



The screenshot displays the VIA Site Management software interface. At the top left is the VIA KRAMER logo. Below it, a navigation menu is visible with the following items: Welcome :: SU, User Management (highlighted in red), Add User (highlighted in red), User List, Change Password, Gateway Management (highlighted in red), Utilities (highlighted in red), Home (highlighted in red), and [Logout] (highlighted in red). The main content area is titled 'Add User' and contains the following fields: 'User Name' with a light blue input field, 'Password' with a light blue input field, and 'Confirm Password' with a light blue input field. Below these fields is a 'User Role\*' section with a checked checkbox for 'Web Administrator'. A 'Save' button is located at the bottom of the form. At the bottom of the interface, a note states: 'Note:Its applicable in Presentation Mode.'

## 3.2 User List

The user list is the first page that opens after a successful login. It lists all the users.

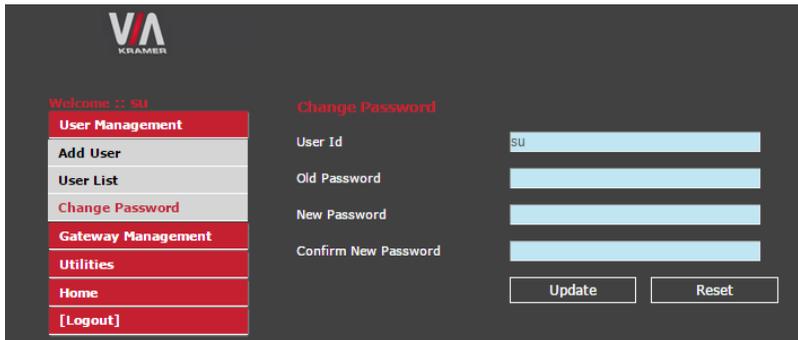


- Click on the **Edit** button of a user to change their password
- The Delete button deletes the user.

Note: The default user “su” cannot be deleted. Edit User options does not allow you to change a username.

## 3.3 Change Password

This page allows you to change the password for a logged in user.



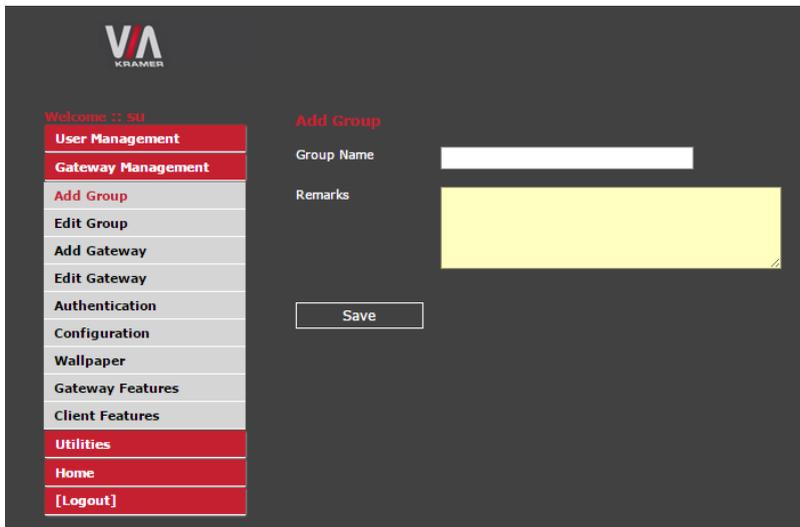
1. In the **Old Password** field, type the old password.
2. In the **New Password** field, type the desired password.
3. In the **Confirm Password** field, retype the desired password.
4. Click **Update**.

## 4 Gateway Management

This feature helps make uniform changes to all gateways. You can create, edit and delete groups of gateways apart from adding new gateways to selected groups.

### 4.1 Adding a Group

Here you can create groups and add gateways to them, making gateway management easier. The configuration changes applied to a group take effect on all gateways after restarting.



1. Click **Gateway Management**.
2. Click **Add Group**.
3. Enter a **Group Name**.
4. Enter **Remarks** showing details of the group added.
5. Click **Save**.

## 4.2 Edit Group

Make changes to an existing group using this option. Previously added groups can be deleted from here.

Modify / Delete Group

Group Id	Group Name	Edit	
1	VIA DEMO ROOMS		#
2	VIA MEETING ROOMS		<input type="checkbox"/>

Note: '#' represents the group is in use and can't be deleted.

Move To 1

Delete

To edit a group, click .

A screen appears similar to the Add Gateway page where you can edit a group's name and its associated remarks.

If a particular group is empty, meaning it has no added gateways, a checkbox is seen with it. To delete these empty groups, check the checkboxes and click **Delete**.

If there are gateways added to a group, a hash tag (#) replaces the checkbox to denote that these groups can only be edited and not deleted.

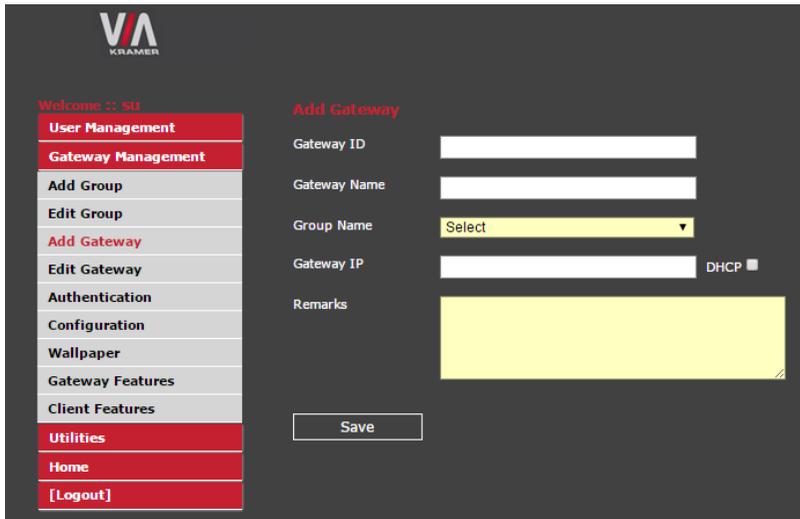
### 4.2.1 What You Can Do

- Edit Group Name
- Edit Remarks for that group
- Delete a group with a checkbox

## 4.3 Add a Gateway

This feature allows you to add VIA Collage, Campus and Connect PRO units (also called gateways) to previously created groups. Ensure that **VSM** and the gateways are on the same network before performing the following steps:

1. Click **Gateway Management**.
2. Click **Add Gateway**. The following screen appears:



The screenshot shows the 'Add Gateway' form in the VIA Site Management interface. On the left is a navigation menu with the following items: Welcome :: SMI, User Management, Gateway Management (highlighted), Add Group, Edit Group, Add Gateway, Edit Gateway, Authentication, Configuration, Wallpaper, Gateway Features, Client Features, Utilities, Home, and [Logout]. The main form area is titled 'Add Gateway' and contains the following fields: Gateway ID (text input), Gateway Name (text input), Group Name (dropdown menu with 'Select' as the current selection), Gateway IP (text input) with a 'DHCP' checkbox to its right, and Remarks (a large text area). A 'Save' button is located at the bottom of the form.

3. Enter a [Gateway ID](#) and its name.
4. From the dropdown menu, select a Group Name.
5. Enter a Gateway IP or check the **DHCP** checkbox if the added gateway has a dynamic IP.
6. Enter additional details about the added gateway in the Remarks section.

## 4.4 Edit a Gateway

Clicking **Edit Gateway** shows all gateways added to a particular Site Management Server:

Modify / Delete Gateway

Filter by Gateway Name/IP/Group:  Select:  Search:

S. No.	Gateway Name	Gateway IP	Group Name	Status		Edit
1	CampusDemo (ID: 1003)	10.0.1.11 (30:5A:3A:56:FF:30)	VIA DEMO ROOMS	OFF		
2	CollageDemo (ID: 1001)	10.0.1.13 * (74:D4:35:78:B8:B9)	VIA DEMO ROOMS	OFF		
3	ConnectPROdemo2 (ID: 1004)	10.0.1.12 * (74:D4:35:CE:91:D0)	VIA DEMO ROOMS	ON		

Note: \* represents the gateway is set to DHCP.  
Note: # The IP address does not match the one defined by VIA Site Management

Set your paging size:

### 4.4.1 What You Can Do

- Check whether an added gateway is **ON** or **OFF**
- To open the Web UI of each added gateway, click
- To edit each gateway, click
- Check if the added gateway is DHCP enabled. DHCP enabled gateways show a red asterisk (\*)
- Delete gateways by checking the checkboxes and clicking **Delete**
- To select and delete all added gateways in a group, click the checkbox placed as a header in the last column

### 4.4.2 Edit a Gateway

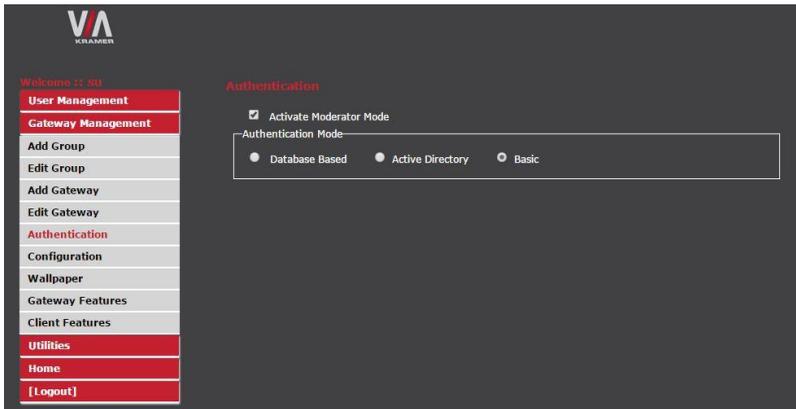
Edit gateway allows you to modify the:

- [Gateway ID](#)
- Gateway Name
- Group Name
- Gateway IP

- Check the DHCP checkbox and leave this field blank to assign dynamic IP to a gateway.
- Remarks

## 4.5 Authentication

Making changes to this section reflects on all gateways, which were set to import their authentication settings from **VIA Site Management** software. It enables a moderator-participant mode.



### 4.5.1 Moderator-Participant mode

Moderator mode is an arrangement wherein a meeting or a lecture is hosted by a single entity. If a participant has to display the contents of his device, permission is sought from the moderator who then allows the content to be displayed as wished.

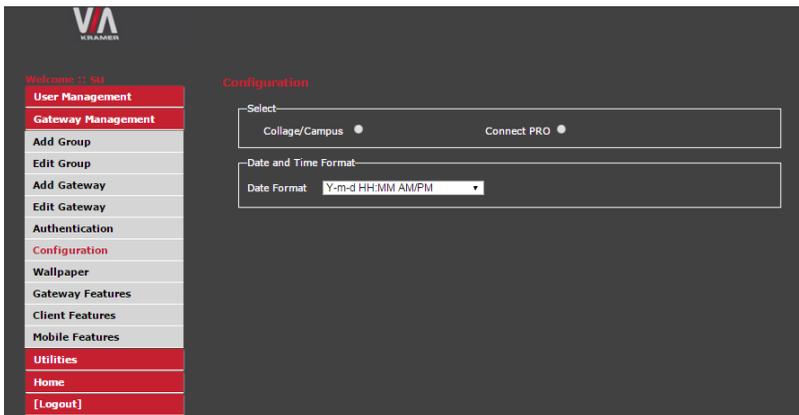
Activate Moderator Mode enables three different modes:

- **Database Based Mode** enforces a username and password login created from the **Add Users** page in a gateway. A database of users must be created and credentials are assigned to each user.
- **Active Directory Mode** authentication verifies the login information from the active directory details specified on the authentication page of a gateway (refer to the *Active Directory Whitepaper*).
- In **Basic Mode** the first person logging in becomes the moderator; everyone logging in later is a participant.

## 4.6 Configuration

The configuration page has separate settings for VIA Collage, Campus and Connect PRO. Each radio button opens a feature set available for that machine type. The date and time format enforces the selected date and time format on the VIA units that are added to the **VIA Site Management** software using the Add Gateways option.

1. Click **Gateway Management** and click **Configuration**.
2. Select **Collage/Campus** or **Connect PRO** to make the necessary settings for each machine type.
3. Add VIA Collage, Campus or Connect PRO units then sync their configuration settings from this page.



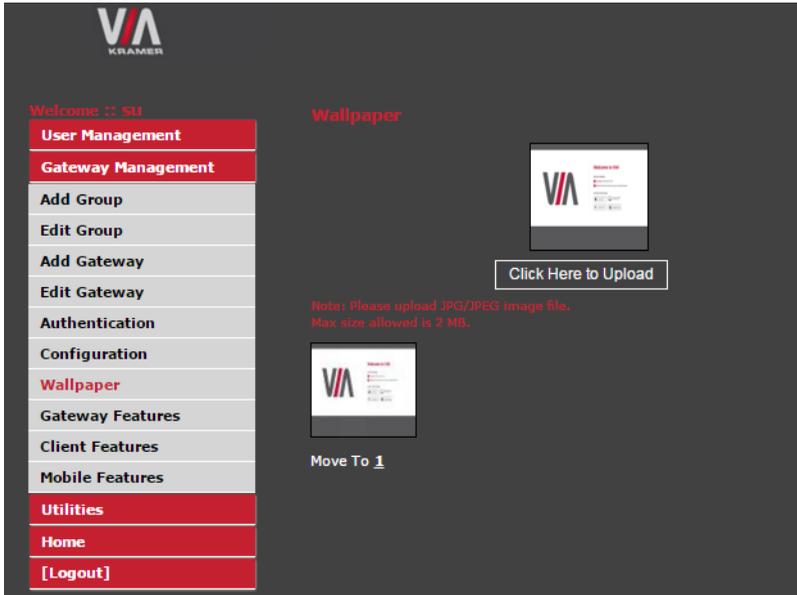
#### 4.6.1 Configuration Option Comparison – Collage, Campus & Connect PRO

The following table compares configuration options of the two units:

Options	Collage	Campus	Connect PRO
Start HDMI Input on Startup	V	-	-
Activate PIP Mode	V	-	-
Activate System Log	V	V	V
Activate Media Mode	V	V	-
Enable Quick Client Access	V	V	V
Activate / Deactivate Chat by Moderator	V	V	V
Disable Always on Top – VIA minimized icon	V	V	-
Do Not Disturb	V	V	V
Activate 3 <sup>rd</sup> party shortcut	V	V	-
Activate Energy Saver Mode	-	-	V
Enable QR Code	V	V	V
Dynamic Display Layout Stack Auto-Hide	V	V	-
Room Name & Room Code Settings	V	V	V
Room Code Refresh Time	V	V	V
Show Date Time on Wallpaper	V	V	V
Room Name/Code on Second Display (Dual Display Only)	V	V	-
Auto Power Off Timing	V	V	V
Select Language (Out Of 7 Languages)	V	V	V
Date and Time Format	V	V	V

## 4.7 Wallpaper

For branding purposes it is always desirable to have the same wallpaper on all VIA units. This tab sets the wallpaper and all VIA units can be configured to accept it.



1. Select **Gateway Management** and click **Wallpaper**.
2. To upload different wallpaper, click the **Click Here to Upload** button.
3. A window opens allowing you to navigate to the location of the desired wallpaper.  
Only JPG/JPEG and PNG images can be uploaded to the **VIA Site Management** software.
4. Select a wallpaper and click **Open** to upload it to the Site Management Server.
5. Previously selected wallpapers and their resolutions are also available. They can be selected as required.

## 4.8 Gateway Features

VIA application features available on a gateway can be managed. This is ideal when, during a presentation or a lecture, some features need deactivation.

- Click 'x' on the undesired options and click **Apply**
- The reset button brings back all the disabled features
- To bring back only certain features click on the thumbnail that reads “**No Application Associated**” and select the desired feature

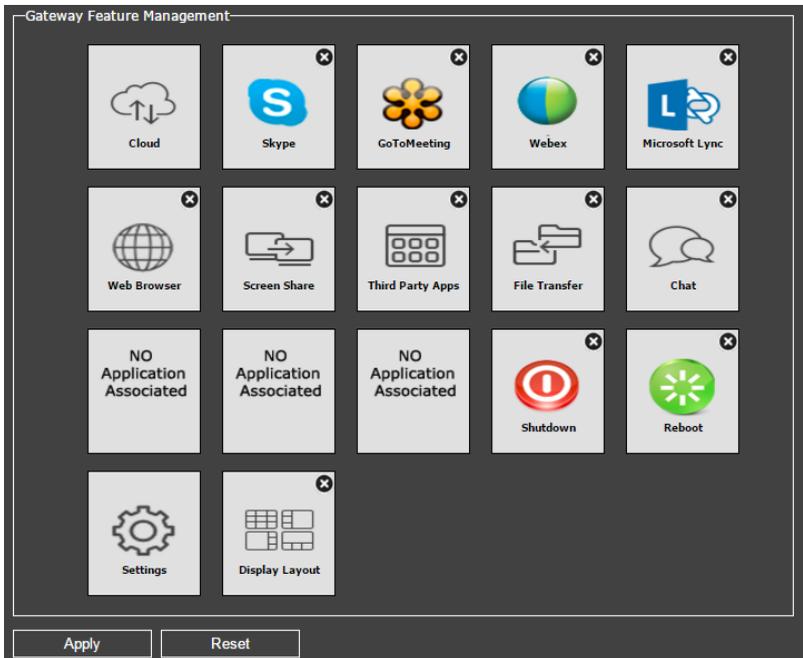
### VIA Collage - Gateway

The screenshot displays the VIA Gateway Management interface. On the left is a navigation menu with categories: User Management, Gateway Management (highlighted), Authentication, Configuration, Wallpaper, Gateway Features, Client Features, Mobile Features, Utilities, Home, and [Logout]. The main area is titled 'Feature Management' and shows a 'Select' dropdown with 'Collage' selected. Below this is a grid of 'Gateway Feature Management' options, each with a thumbnail and a close button (x):

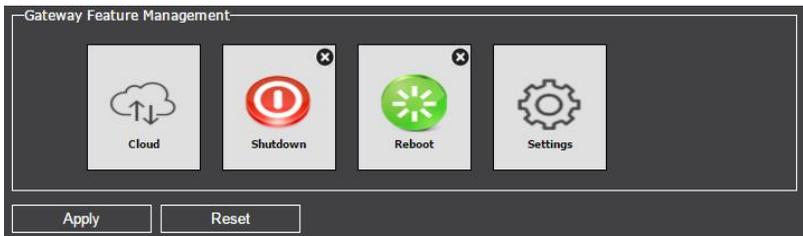
Cloud	Skype	GoToMeeting	Webex	Microsoft Lync
Web Browser	Screen Share	Third Party Apps	File Transfer	Chat
HDMI Input 1	Picture in Picture	NO Application Associated	Shutdown	Reboot
Settings	Display Layout			

At the bottom of the interface are 'Apply' and 'Reset' buttons.

## VIA Campus - Gateway

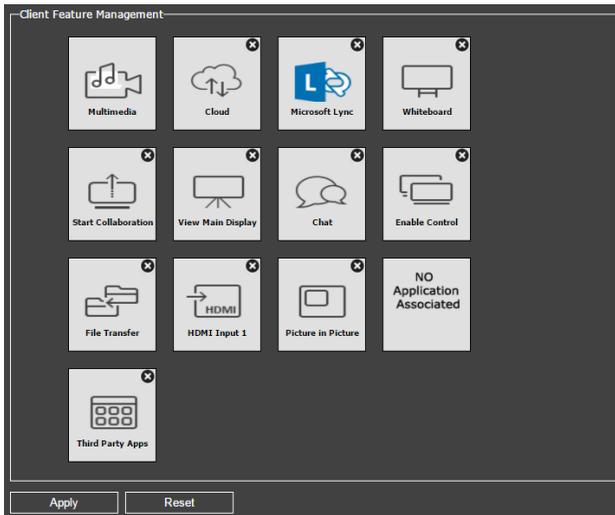


## VIA Connect PRO - Gateway

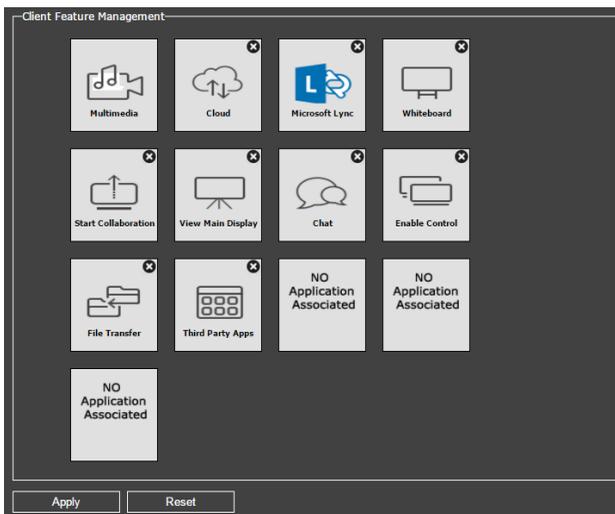


## 4.9 Client Features

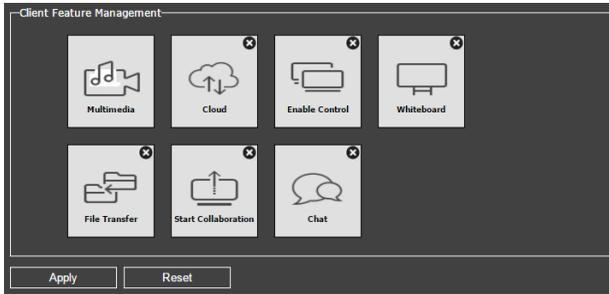
### VIA Collage - Client



### VIA Campus - Client

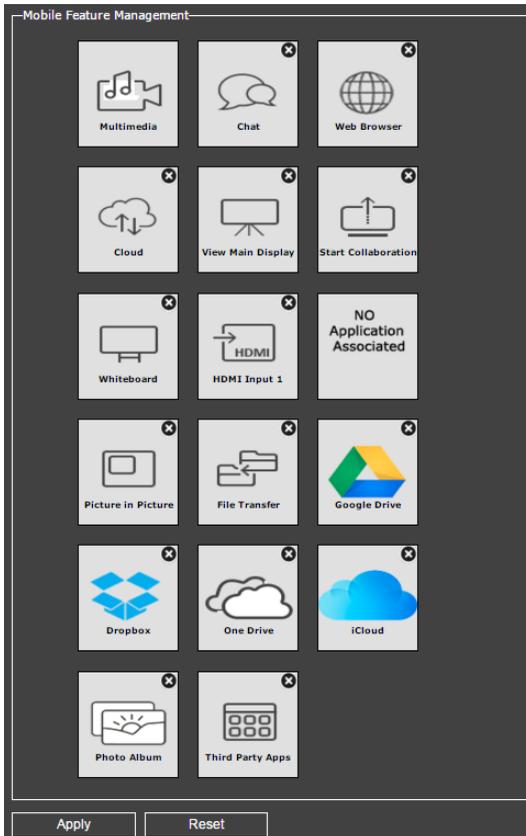


## VIA Connect PRO - Client

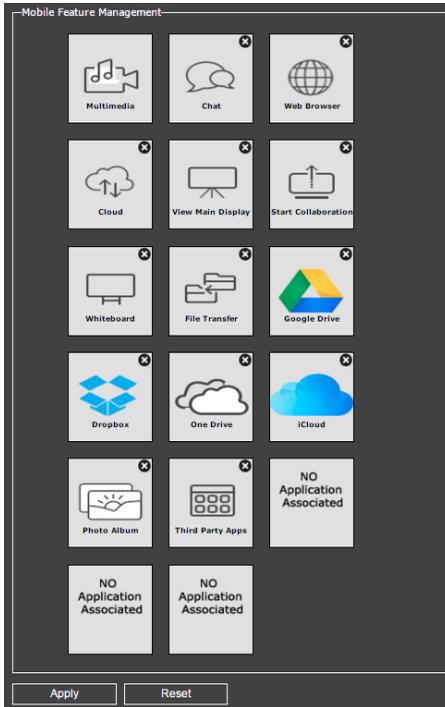


## 4.10 Mobile Features

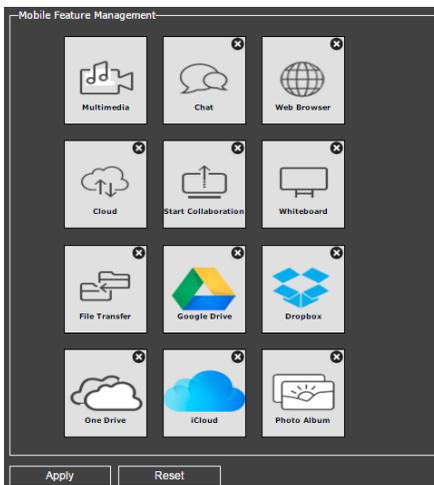
### VIA Collage - Mobile



## VIA Campus - Mobile



## VIA Connect PRO - Mobile



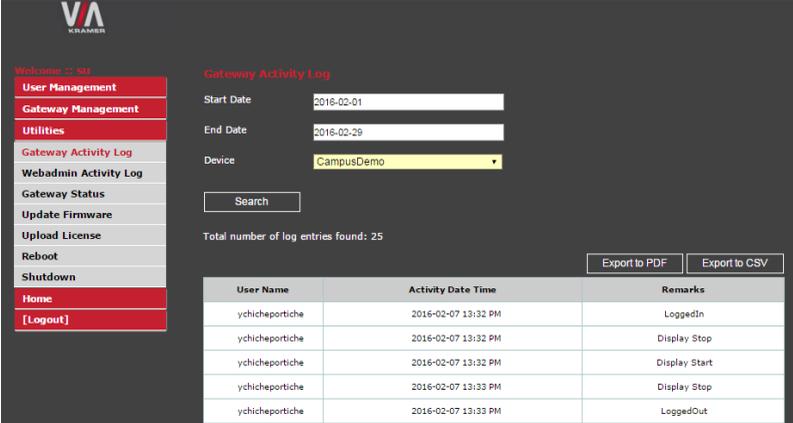
## 4.11 Utilities

The following utilities are available on the Utility tab:

- VIA Activity Logs
- Webadmin Activity Logs
- Gateway Status
- Update Firmware
- License Details
- Reboot
- Shutdown

### 4.11.1 Gateway Activity Log

The gateway activity log shows the activities of all users for all connected gateways.



The screenshot shows the VIA Site Management interface for the Gateway Activity Log. On the left is a navigation menu with options like User Management, Gateway Management, Utilities, Gateway Activity Log, Webadmin Activity Log, Gateway Status, Update Firmware, Upload License, Reboot, Shutdown, Home, and [Logout]. The main area is titled 'Gateway Activity Log' and contains search filters for Start Date (2016-02-01), End Date (2016-02-29), and Device (CampusDemo). A search button and a message 'Total number of log entries found: 25' are present. Below the filters is a table with columns for User Name, Activity Date Time, and Remarks. The table contains five entries for user 'ychicheportiche' with various activity times and remarks like 'LoggedIn', 'Display Stop', and 'LoggedOut'. There are 'Export to PDF' and 'Export to CSV' buttons at the bottom right of the table area.

User Name	Activity Date Time	Remarks
ychicheportiche	2016-02-07 13:32 PM	LoggedIn
ychicheportiche	2016-02-07 13:32 PM	Display Stop
ychicheportiche	2016-02-07 13:32 PM	Display Start
ychicheportiche	2016-02-07 13:33 PM	Display Stop
ychicheportiche	2016-02-07 13:33 PM	LoggedOut

### 4.11.2 Web Admin Activity Log

The Web admin activity log records the activity of a Web administrator on the **VIA Site Management** software.

Webadmin Activity Log

Start Date: 2016-03-01

End Date: 2016-03-31

User Name: Select

Action Taken: Select

Search

Total number of log entries found: 4

User Id	Action Taken	Activity Date	Remarks	Host Name
su	Login	2016-03-02 18:31 PM	Success	10.0.1.8
su	Logout	2016-03-02 18:36 PM	Success	10.0.1.8
su	Login	2016-03-02 18:45 PM	Success	10.0.1.8
su	Login	2016-03-03 16:53 PM	Success	10.0.1.8

### 4.11.3 Gateway Status

This option opens in a new tab and shows the status of the indicated options on the connected gateways. The **never updated** entries are for gateways that are no longer used. Any changes made for a gateway set the 'HQ' red until the update is applied.

Use the following tool to filter your search:

Gateway Status

Gateway Name:

Power Status: ON  OFF

CPU Status: Normal  Moderate  High

HD Status: Normal  Moderate  High

Search Reset

Status Legend:

- CPU\_Status <51 – Normal (green)
- CPU\_Status between 50 and 80 – Moderate (orange)
- CPU\_Status >80 – High (red)
- HD\_Status <51 – Normal (green)
- HD\_Status between 50 and 70 – Moderate (orange)
- HD\_Status >70 – High (red)

VA  
KRAMER

Gateway Filter Engine Home

Gateway Name:

Power Status:  ON  OFF

CPU Usage:  Normal  Moderate  High

Storage Status:  Normal  Moderate  High

Total number of log entries found: 3

Gateway Name	Power Status	Storage Status(%)	CPU Usage	Firmware Version	Wallpaper	Gateway Features	Client Features	Configuration	Authentication	Mobile Features	Last Activity
CollageDemo			Not available	1.9.0216.668							2016-03-02 10:41 PM
CampusDemo			Not available	1.9.0216.668							2016-03-02 10:41 PM
ConnectPROdemo2		Not available	Not available								2016-03-02 10:41 PM

Note: # The IP address does not match the one defined by VIA Site Management Set your paging size: 50

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#### 4.11.4 Update Firmware

Use this option to update the firmware on all connected gateways simultaneously.

VA  
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Welcome :: SSI

- User Management
- Gateway Management
- Utilities
- VIA Activity Logs
- Webadmin Activity Logs
- Gateway Status
- Update Firmware
- License Details
- Reboot
- Shutdown
- Home
- [Logout]

Update Firmware

-Select-

Collage  Connect PRO  Campus

Since the update files have different extensions, the option defines if the update is for Collage, Campus or Connect PRO.

#### 4.11.5 License Details

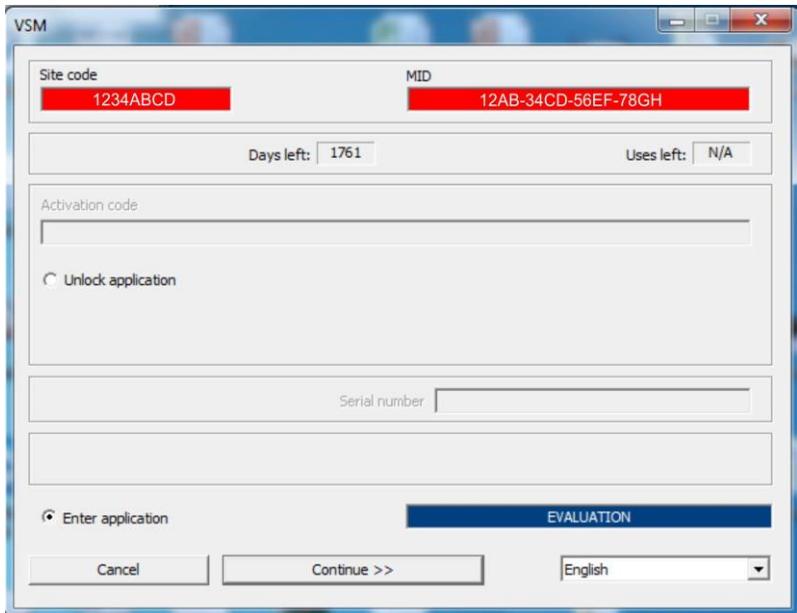
Check the status of your **VSM** license.

**VSM** license is free of charge for managing up to 3 VIA devices. To apply for a license to manage more devices, follow the following steps:

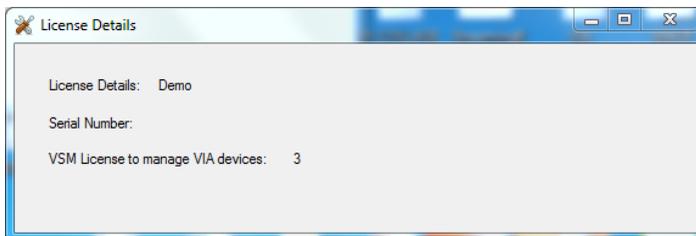
- Click on the **VSM** License application icon on your desktop:



- It opens a window with details of the current evaluation license:



- If you want to apply for a license (for 4 devices and up), click on “Unlock application” and note the Site Code and the MID number. Send them to your Kramer Sales Representative.
- You receive an activation code as well as a serial number that you type into the “Activation Code” and “Serial Number” fields.
- At any time, you can check the status of your active license by launching this “VSM\_license” application from your desktop and it shows you the following window:



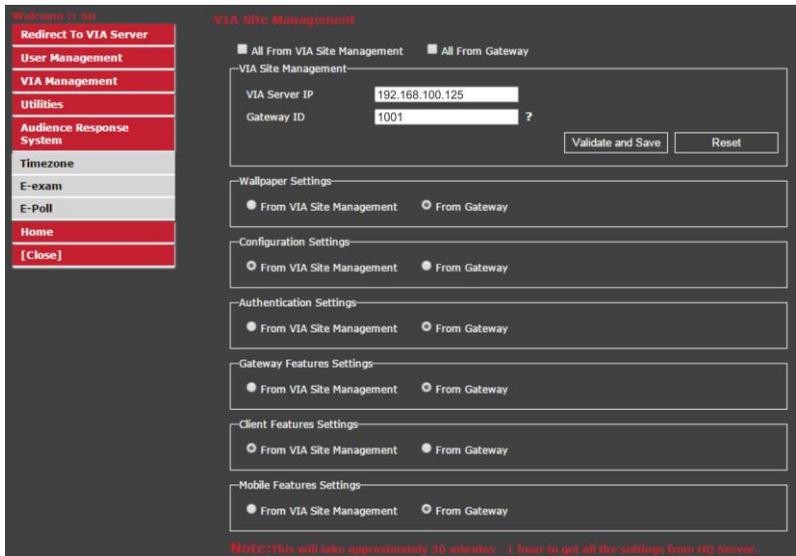
#### 4.11.6 Reboot & Shutdown

Though **VIA Site Management** software has been designed to not require frequent reboots, this option reboots and shuts down a **VIA Site Management** software if needed.

# 5 Gateway Configuration

Some changes must be made to the gateway before it can be managed from a **VIA Site Management** software.

## 5.1 VIA Site Management Configuration



Note: Before beginning the following steps, ensure that the gateway to add, and the Site Management Server where the VIA unit is being added, are on the same network.

1. Connect a PC/Mac laptop to the same network as the VIA unit.
2. On the browser, type the IP address of the VIA unit you want to add.
3. Login using Web Administrator credentials:
  - Default User: **su**
  - Default password: **supass**
4. Click **VIA Management**.
5. Click **VIA Site Management**.

6. On the page that opens:
  - Type the **VIA Site Management** software IP
  - Type a Gateway ID (see the next section)
  - Click **Validate and Save**
  - For the changes to take effect, click **Reboot** to restart the unit
7. Choose the settings “From **VIA Site Management**” to download the setting from the **VSM** server or choose “From Gateway” to keep the local settings.
  - For example, there are two of ten rooms for which you want to use different wallpaper. You can choose it from the gateway.

### 5.1.1 Gateway ID

Below are some notable points about a gateway ID.

- Only numbers are acceptable as gateway ID, the first digit can't be “0”.
- A gateway ID should be unique to a Collage/Campus/Connect PRO unit.
- A gateway ID is not related to a unit's IP address, MAC address or its serial number. These numbers have no effect on a unit's ID and vice versa.

This essentially means that a gateway ID can be a random number, as long as it is unique.

It helps identify the VIA Collage, Campus or Connect PRO unit in question.



For the latest information on our products and a list of Kramer distributors, visit our Web site where updates to this user manual may be found.

**We welcome your questions, comments, and feedback.**

Web site: [www.kramerAV.com](http://www.kramerAV.com)

E-mail: [info@kramerel.com](mailto:info@kramerel.com)

**CE**



**SAFETY WARNING**

Disconnect the unit from the power supply before opening and servicing



P/N: 2900-300496



Rev: 1