



KRAMER ELECTRONICS LTD.

# USER GUIDE

MODEL:

**Kramer Site-CTRL**

Room Controller Guide

Software Version 2.0.0.x

Intended for Kramer Technical Personnel or External System Integrators. To check that you have the latest version, go to the DOWNLOADS section of our Web site at:

<http://www.kramerelectronics.com/support/downloads.asp>

## Contents

<b>1</b>	<b>Introduction</b>	<b>1</b>
<b>2</b>	<b>Site-CTRL</b>	<b>2</b>
2.1	System requirements	2
2.2	Install the software	2
2.3	Loading the Software	4
<b>3</b>	<b>The Site-CTRL Main Window</b>	<b>5</b>
3.1	The Site-CTRL Menu	5
3.2	Quick Access Items	5
<b>4</b>	<b>The Room List Tab</b>	<b>6</b>
4.1	Adding Several Rooms At Once	10
4.2	Saving the Project	11
4.3	Scheduled Tasks	13
<b>5</b>	<b>The Settings Tab</b>	<b>20</b>
5.1	Email Notification	20
<b>6</b>	<b>The Event Log Tab</b>	<b>25</b>

## Figures

Figure 1: Installing Site-CTRL	3
Figure 2: Installation Complete Window	3
Figure 3: Admin and User Login	4
Figure 4: The Main Window – for the Administrator	4
Figure 5: The File Menu	5
Figure 6: The Room List Tab – for the Administrator	6
Figure 7: The Room List Tab – Renaming New Location	7
Figure 8: The Room List Tab – Typing the New Name	7
Figure 9: The Room List Tab –New Name Added	7
Figure 10: The Room List Tab – Typing the Site Name	8
Figure 11: The Room List Tab – Typing the Site Name	8
Figure 12: The Room List Tab – New Site Name Added	8
Figure 13: The Room List Tab – Adding a New Room	8
Figure 14: The Room List Tab – New Room Details	9
Figure 15: The Room List Tab – New Room Added	9
Figure 16: List of unconnected rooms	9
Figure 17: The Room List Tab – Add Several Rooms	10
Figure 18: The Room List Tab – Add the IP Range	10
Figure 19: The Room List Tab – Add the Room Name Start Index	10
Figure 20: Saving a new project	11
Figure 21: Saving a new project – Saving the New Project to a Folder	12
Figure 22: Saving a new project – Creating the New Project	12
Figure 23: Scheduling Window	13
Figure 24: Scheduling – Task Description	13
Figure 25: Scheduling – Daily Pattern	14
Figure 26: Update Time – Daily Pattern, Various Setups	14
Figure 27: Scheduling – Weekly Pattern	14
Figure 28: Scheduling – Monthly Pattern	15
Figure 29: Scheduling – Monthly Pattern, the Months	15
Figure 30: Scheduling – Summary	16
Figure 31: Update Time – Scheduled Tasks List	16
Figure 32: Update Time – Show Log Button	17
Figure 33: Update Firmware – Selecting the Firmware Upgrade File	17
Figure 34: Update Firmware – the Scheduling Window	18
Figure 35: Update Firmware – the Scheduling Window with two Firmware Files	18
Figure 36: Update Configuration – Selecting the Configuration File	19
Figure 37: The Settings Tab – for the Administrator	20
Figure 38: Email Notification – Adding an e-mail Address	21
Figure 39: Email Notification – the e-mail Address Added	21
Figure 40: Email Notification – the Select IP Window	21
Figure 41: Email Notification – The Select Alert Group Window	22
Figure 42: Email Notification – The Select Alert Statuses Window	22
Figure 43: Email Notification – The Settings Tab with email	23
Figure 44: Email Notification – The Settings Tab with email List	23
Figure 45: Email Notification – LampHour notification email	23
Figure 46: Email Notification – Power notification email	24
Figure 47: Email Notification – Power is Off in Room List Tab	24
Figure 48: The Event Log Tab	25
Figure 49: The Event Log Tab in Operation	26

### Trademarks:

© 2014Kramer Electronics Ltd. All rights reserved. Microsoft and Windows are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries. Android is a trademark of Google Inc. iOS is a registered trademark of Apple Inc.

---

# 1 Introduction

Welcome to Kramer Electronics! Since 1981, Kramer Electronics has been providing a world of unique, creative, and affordable solutions to the vast range of problems that confront video, audio, presentation, and broadcasting professionals on a daily basis. In recent years, we have redesigned and upgraded most of our line, making the best even better!

Our 1,000-plus different models now appear in 11 groups that are clearly defined by function: GROUP 1: Distribution Amplifiers; GROUP 2: Switchers and Routers; GROUP 3: Control Systems; GROUP 4: Format/Standards Converters; GROUP 5: Range Extenders and Repeaters; GROUP 6: Specialty AV Products; GROUP 7: Scan Converters and Scalers; GROUP 8: Cables and Connectors; GROUP 9: Room Connectivity; GROUP 10: Accessories and Rack Adapters and GROUP 11: Sierra Video Products.

This user manual is intended for **Site-CTRL™** users. The installation and configuration procedures of the specific room controllers are described in a different manual.



Go to [http://www.kramerelectronics.com/support/product\\_downloads.asp](http://www.kramerelectronics.com/support/product_downloads.asp) to check for up-to-date user manuals, application programs, and to check if firmware upgrades are available (where appropriate).

---

## 2 Site-CTRL

Kramer **Site-CTRL** is a powerful A/V assets management tool. It offers real-time monitoring and control of Kramer Master controllers (such as the Kramer **RC-74DL** and **SL-12**) installed in an A/V site and the A/V equipment connected to them. The Kramer **Site-CTRL** downloadable version can monitor and control up to 100 Kramer Master controllers.

Kramer **Site-CTRL**:

- Generates a single page summary of the entire installed A/V site
- Reports the communication status for each room
- Reports the status of the local display devices
- Reports the remaining lamp life for projectors
- Supports easy access to the built-in Web pages of Master controllers via **Web Access**
- Raises alerts and sends e-mails when prompted by a user-defined special event

The easy-to-use Kramer **Site-CTRL** consists of three main tabs: Room List, Settings (used by the system administrator mostly) and Event Log.

For remote operation of more room specific functions, the user can easily access—via the Room List display—the dynamic Web pages (via the Web Access software) of the Kramer Master controllers (for example, the Kramer **SL-12**) installed in the monitored rooms.

Using the Kramer **Site-CTRL** with the Kramer Master room controllers lets the installer and the user easily achieve effective control over the A/V site.

### 2.1 System requirements

This section defines the minimum requirements for the Kramer **Site-CTRL** and describes how to install your system.

#### 2.1.1 System Requirements for the Kramer Site-CTRL

The system minimum requirements include:

- 1 GHz or faster processor
- 1 GB or more RAM
- At least 1GB free hard disk space
- Network connection for configuring devices or USB
- Microsoft.NET® Framework 3.5, automatically installed (see [Section 2.1](#))
- A resolution of SXGA or higher

#### 2.1.2 Operating Systems

Microsoft® Windows XP®, Microsoft Windows 7 (32 or 64 bit) or Microsoft Windows 8 (32 or 64 bit) are the recommended operating systems (Windows NT does not support .NET 2.0 and cannot be used). Other Windows versions are not supported.

## 2.2 Install the software

To download Kramer **Site-CTRL** from the Internet (note that file names are liable to change from time to time):

1. Go to <http://www.kramerelectronics.com/support/downloads.asp> and download the file: “Kramer Site-Ctrl.zip” from the DOWNLOADS section.

2. Extract the file "*Kramer Site-Ctrl.zip*" package, which includes the Kramer **Site-CTRL** application setup and the Kramer device drivers, to a folder (for example, C:\Program Files\Kramer K-Config).
3. Install the Kramer **Site-CTRL** application.  
The following window appears:

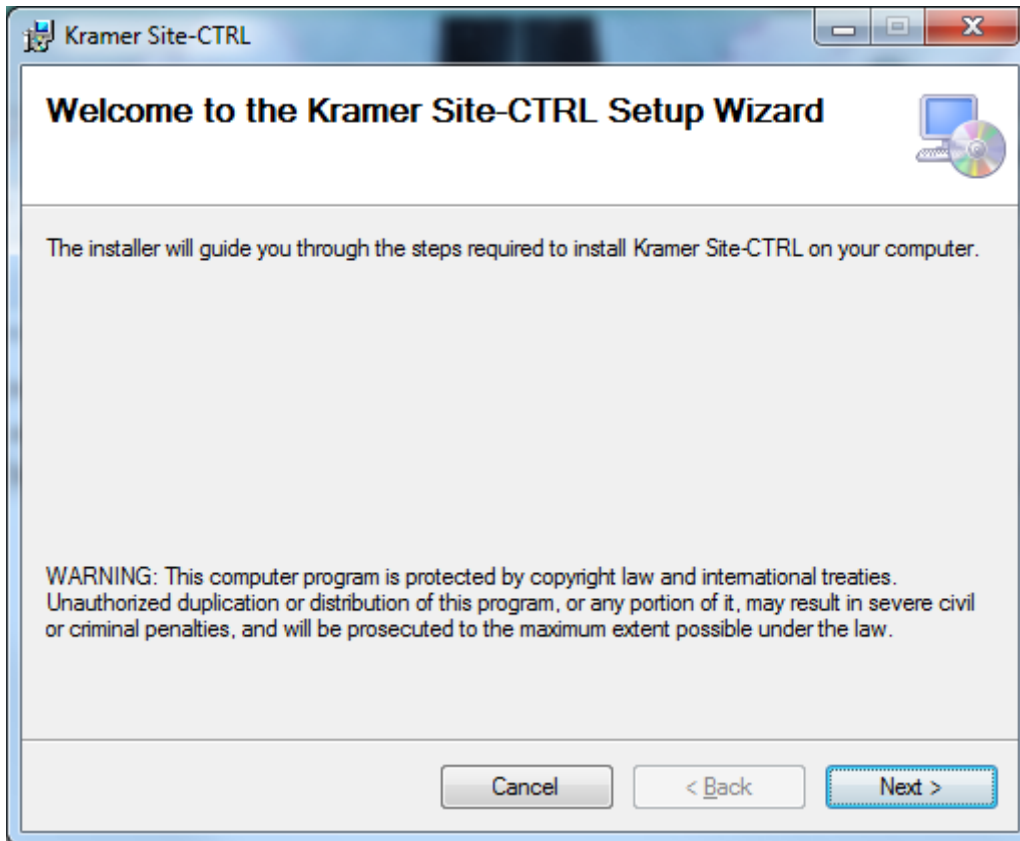


Figure 1: Installing Site-CTRL

4. Click **Next** and follow the setup instructions to complete the installation.

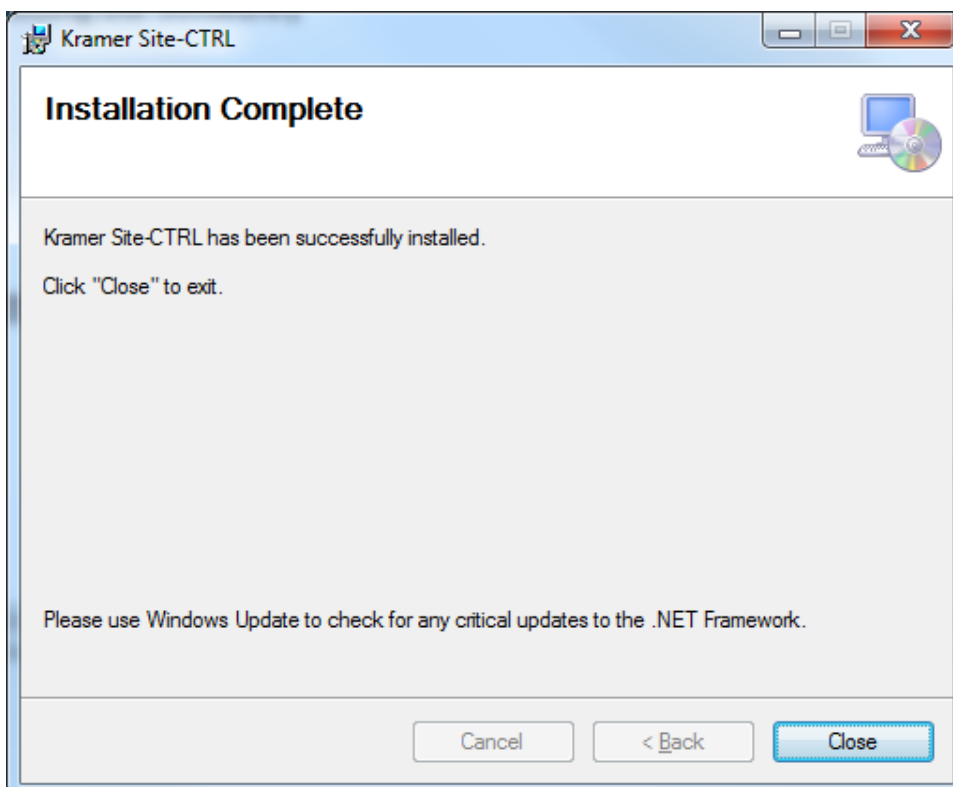
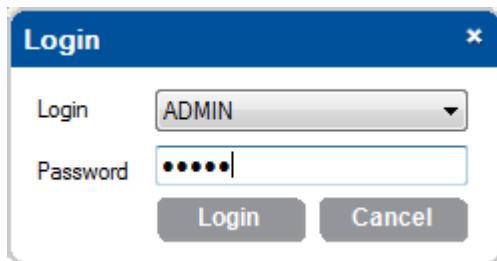


Figure 2: Installation Complete Window

## 2.3 Loading the Software

After installation, you can click the **Site-CTRL** icon on your desktop or you click the START icon on your desktop. You will be prompted to enter your user name and password to login (the factory default password is admin. The password can be changed via the Settings tab):

For the administrator:

A login dialog box titled "Login" with a close button (X) in the top right corner. It contains two input fields: "Login" with a dropdown menu showing "ADMIN" and "Password" with a masked input (dots). Below the fields are two buttons: "Login" and "Cancel".

For the user:

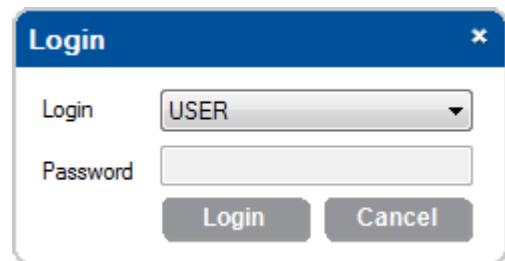
A login dialog box titled "Login" with a close button (X) in the top right corner. It contains two input fields: "Login" with a dropdown menu showing "USER" and "Password" with a masked input (dots). Below the fields are two buttons: "Login" and "Cancel".

Figure 3: Admin and User Login



Logging as ADMIN will give you the ability to add or remove monitored rooms and setup the different Site-CTRL features. Logging as USER will only let you view the AV site, without making any changes.

After logging in, the Room List tab appears. [Figure 4](#) shows the **Site-CTRL** main window:

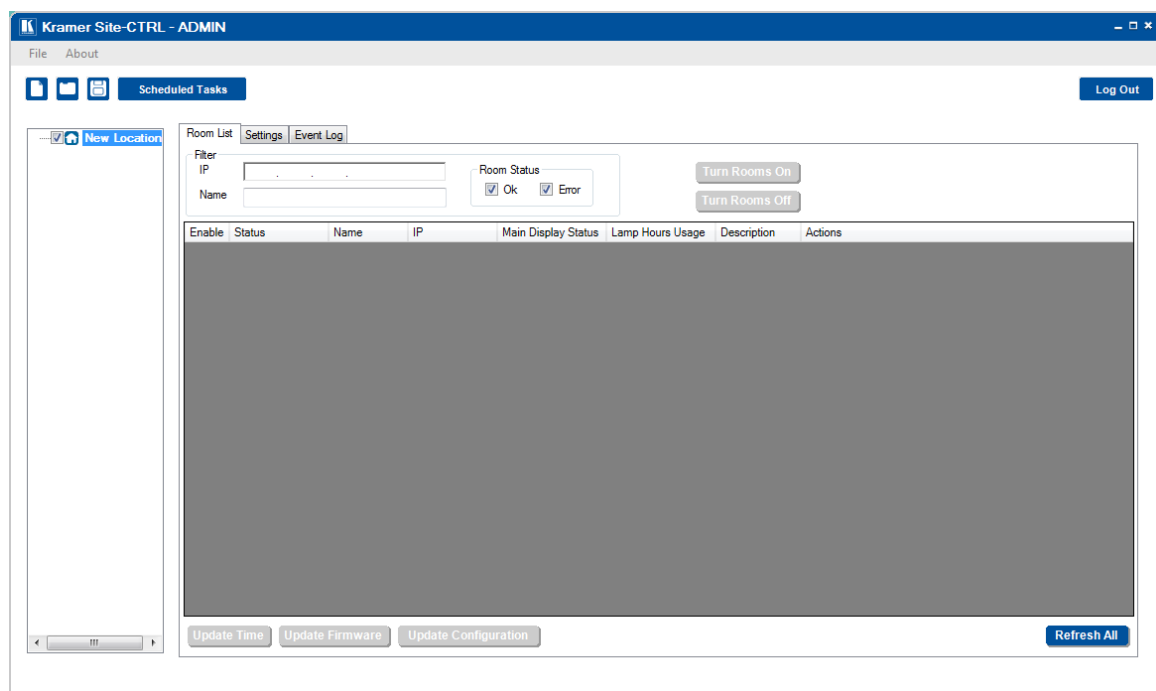


Figure 4: The Main Window – for the Administrator

The main window includes a menu line, a quick access menu, a room location area to which you can add rooms to control, rename rooms or delete them. On the top right side you can Log Out at any time (see [Section 3](#)).

The main window area has three tabs:

- The Room list tab – lists the controlled rooms, shows their status and real-time events, filters out rooms, turns rooms off or on, see [Section 4](#)
- The Settings tab – shows the language setup and lists the emails to which different types of emails are sent in case of an alert, see [Section 5](#)
- Event Log tab – lists the events history, see [Section 6](#)

## 3 The Site-CTRL Main Window

The **Site-CTRL** main window includes the controlled rooms list (described in [Section 4](#)), an easy-to-use menu, quick access icons, a Scheduled Tasks button and a Logout button.

### 3.1 The Site-CTRL Menu

The **Site-CTRL** menu includes the File and the About menus. The File menu is accessible to the administrator only and the About menu is also accessible to the user.

[Figure 5](#) shows the file menu:

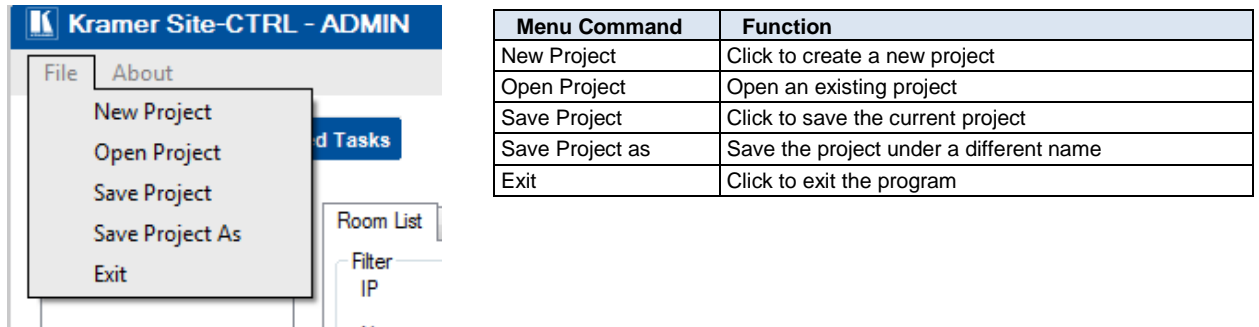



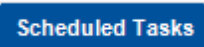
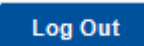


Figure 5: The File Menu

### 3.2 Quick Access Items

The **Site-CTRL** quick access icons and buttons, located just below the menu are described below:

Quick Access Items	Function
	Click to open a new project
	Click to open an existing project
	Click to save the current project
	Click to open the <b>Site-CTRL</b> scheduled tasks list (see <a href="#">Figure 31</a> )
	Click to logout

## 4 The Room List Tab

The Room List tab displays the status of the Kramer room controllers in a summarized layout, and lets you identify the room by its IP number, name (for example, Science Lab 1), or description. From this screen the user can also monitor the status of the main display (on, standby and so on), monitor the projector lamp hours of the main display (per room) and perform routine procedures such as initiating a simple ON/OFF macro (via **Web Access**).

The Room List tab lists the status of the rooms controlled by the **Site-CTRL** system. [Figure 6](#) shows the Room List tab features and functions.

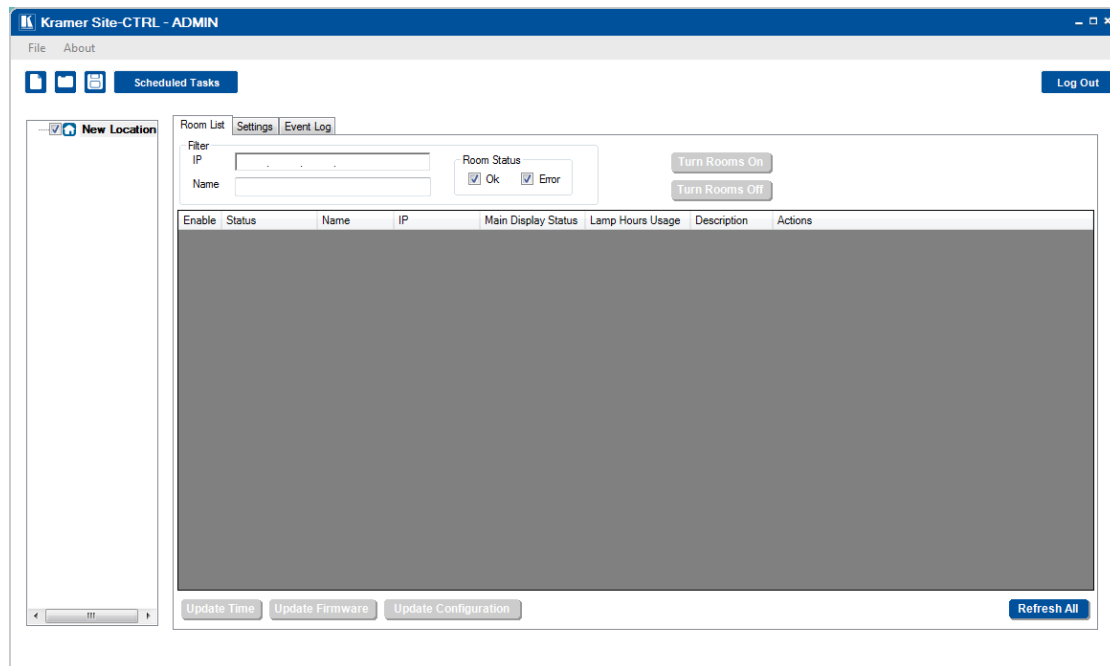


Figure 6: The Room List Tab – for the Administrator

Features	Function	
New Location Area	Lists the sites that are controlled. Each site can include several rooms. You can rename a room, add a new room or delete a room	
Filter Area	<b>IP:</b> lets you observe only a room with a certain IP number <b>Name:</b> Lets you observe defined room names only (the name is case sensitive) <b>Room Status:</b> Select the room status types to be displayed (OK and/or Error)	
Turn Rooms On Button	Initiates the All On sequence (as configured in <b>K-Config</b> ) to all the room controllers in the list	
Turn Rooms Off Button	Initiates the All Off sequence (as configured in <b>K-Config</b> ) to all the room controllers in the list	
The Room List Table	Enabled	Enables access to the different actions related to the room (for the administrator only)
	Room Status	Indicates the room status
	Name	Indicates the room name
	IP	Indicates the IP address of the room controller
	Display Status	Indicates the status of the main display as defined in the <b>K-Config</b> port manager setup (for example, the room projector)
	Lamp Hour	Shows the lamp hours [%] of the projector lamp for the main display in the room
	Description	Shows the room description (entered by the administrator via the Settings tab)
	Actions	Displays the actions you may take with the selected room controller: <b>Web</b> – Open the <b>Web Access</b> page <b>On</b> – Activates the All On event macro (defined in K-Config) <b>Off</b> – Activates the All Off event macro (defined in K-Config) <b>Password</b> – Change the password for accessing the machine (for the administrator only) <b>Refresh</b> – Refresh the information line <b>Delete</b> – Delete the information line (for the administrator only)
Update Time Button	Click to update the scheduling time to all the room controllers on the list (see <a href="#">Section 4.3.1</a> )	
Update Firmware Button	Click to update the room controllers' firmware in the list (see <a href="#">Section 4.3.2</a> )	
Update Configuration Button	Update the configuration (as configured in <b>K-Config</b> ) to all the room controllers in the list (see <a href="#">Section 4.3.3</a> )	
Refresh All Button	Click to refresh this window	



The "New Location" can list several Sites and each site can control several rooms. For example, a University can include different faculties (sites) each with several classrooms and/or labs and other facilities. You can rename "New Location" to suit your needs and add sites and rooms to the list.

To rename "New Location", right-click **New Location** and select **Rename**

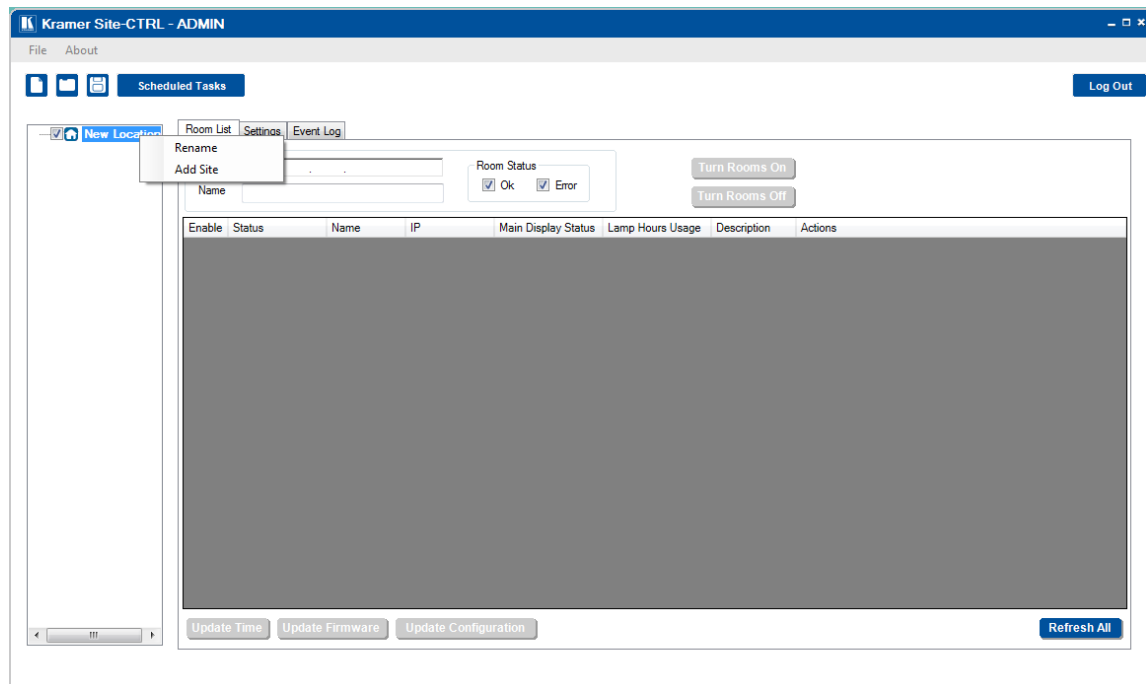


Figure 7: The Room List Tab – Renaming New Location

The following window appears:

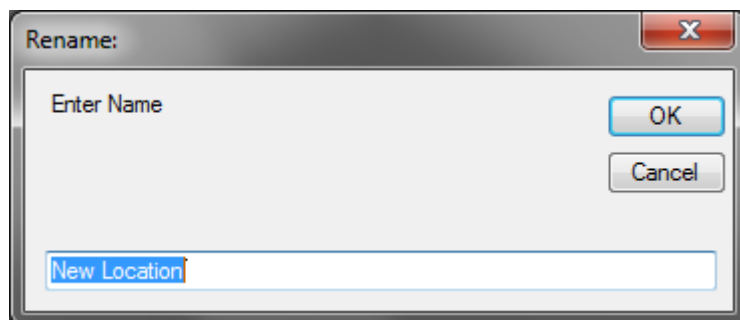


Figure 8: The Room List Tab – Typing the New Name

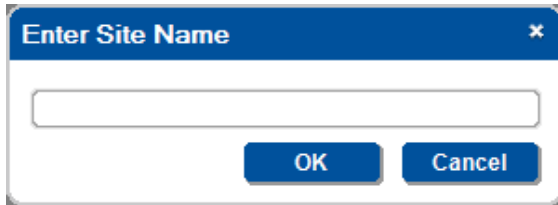
Type the new name and click **OK**. The new name appears in the list.



Figure 9: The Room List Tab –New Name Added

To add a new site:

1. Right-click New Location.
2. The following window appears:

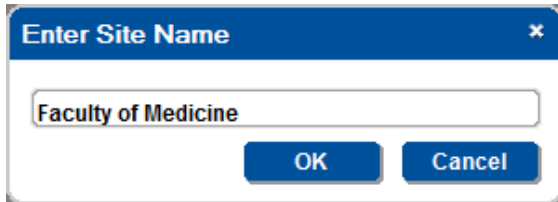


Enter Site Name

OK Cancel

Figure 10: The Room List Tab – Typing the Site Name

3. Type the Site name and click **OK**.



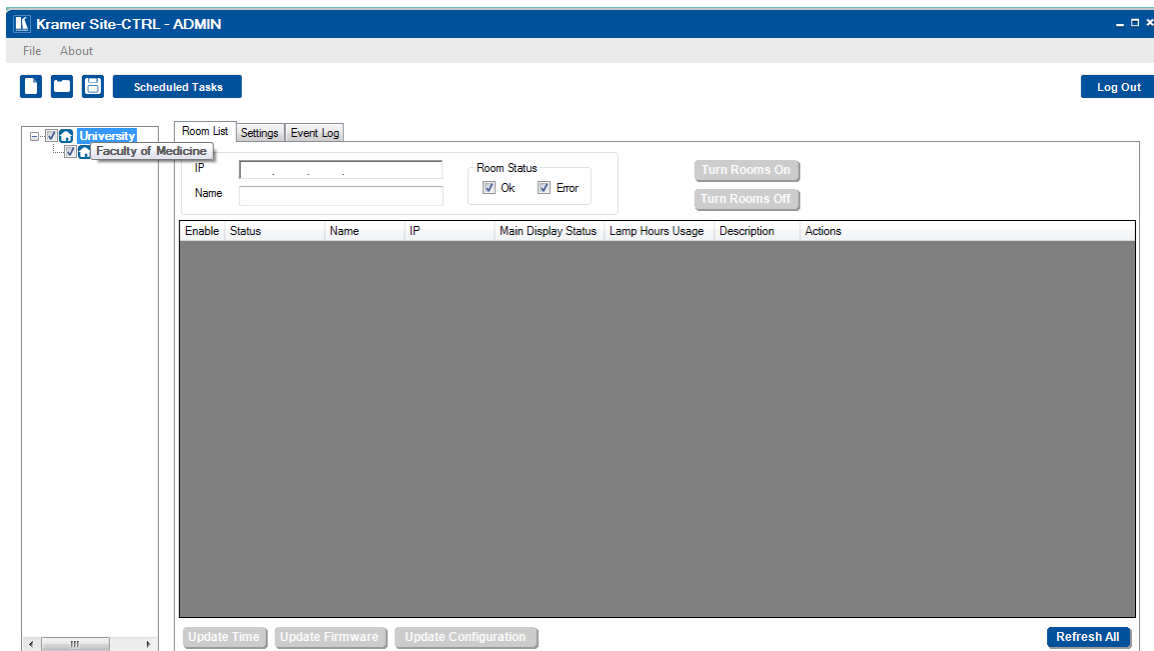
Enter Site Name

Faculty of Medicine

OK Cancel

Figure 11: The Room List Tab – Typing the Site Name

The new site is added to the list:



Kramer Site-CTRL - ADMIN

File About

Scheduled Tasks Log Out

University Faculty of Medicine

Room List Settings Event Log

IP:  Room Status: ☒ Ok ☒ Error

Name:  Turn Rooms On Turn Rooms Off

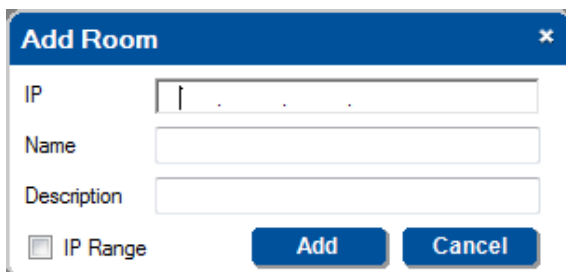
Enable	Status	Name	IP	Main Display Status	Lamp Hours Usage	Description	Actions

Update Time Update Firmware Update Configuration Refresh All

Figure 12: The Room List Tab – New Site Name Added

To add a new room:

1. Right-click the Site (Faculty of Medicine in this example) and select Add Room. The following window appears:



Add Room

IP:

Name:

Description:

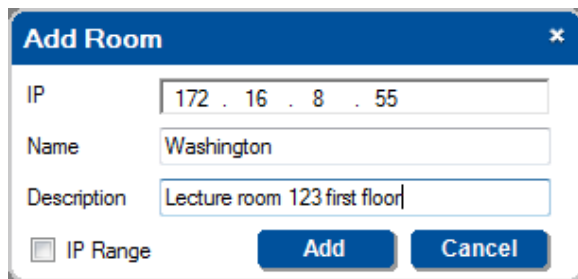
☐ IP Range Add Cancel

Figure 13: The Room List Tab – Adding a New Room

2. Fill in the IP number, Name and Description



If you want to add a range of rooms, check **IP Range** and continue to [Section 4.1](#).



**Add Room** [X]

IP: 172 . 16 . 8 . 55

Name: Washington

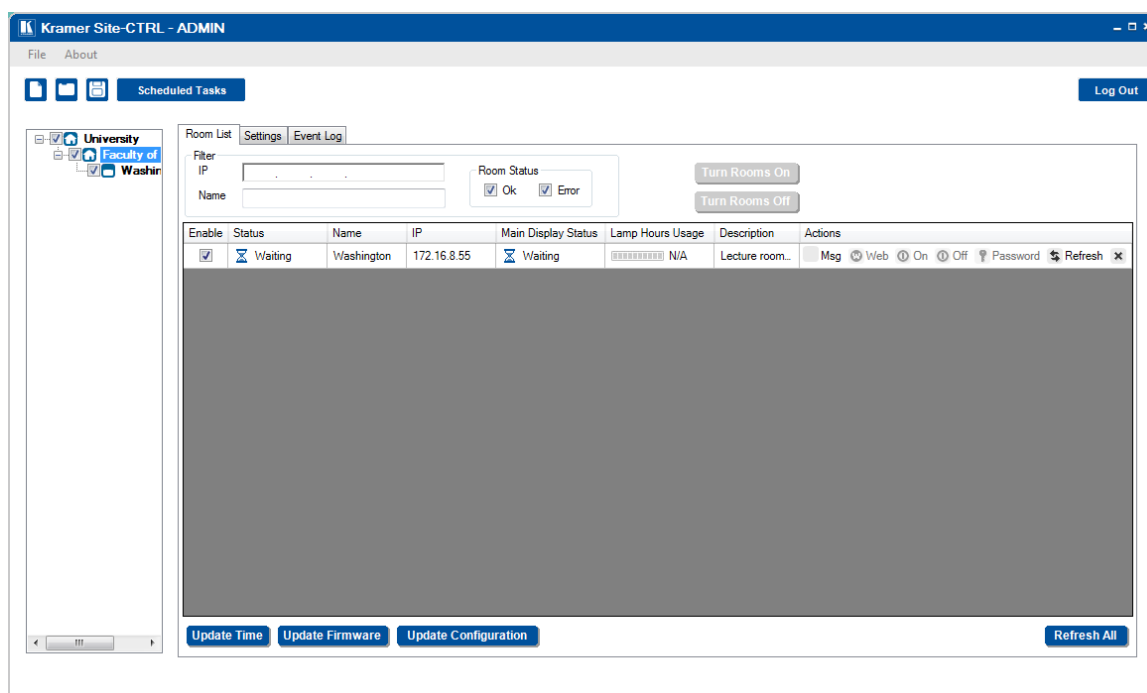
Description: Lecture room 123 first floor

☐ IP Range

[Add] [Cancel]

Figure 14: The Room List Tab – New Room Details

3. Click Add.



Kramer Site-CTRL - ADMIN

File About

Scheduled Tasks [Log Out]

Room List Settings Event Log

Filter IP: . . . . . Room Status: ☒ Ok ☒ Error

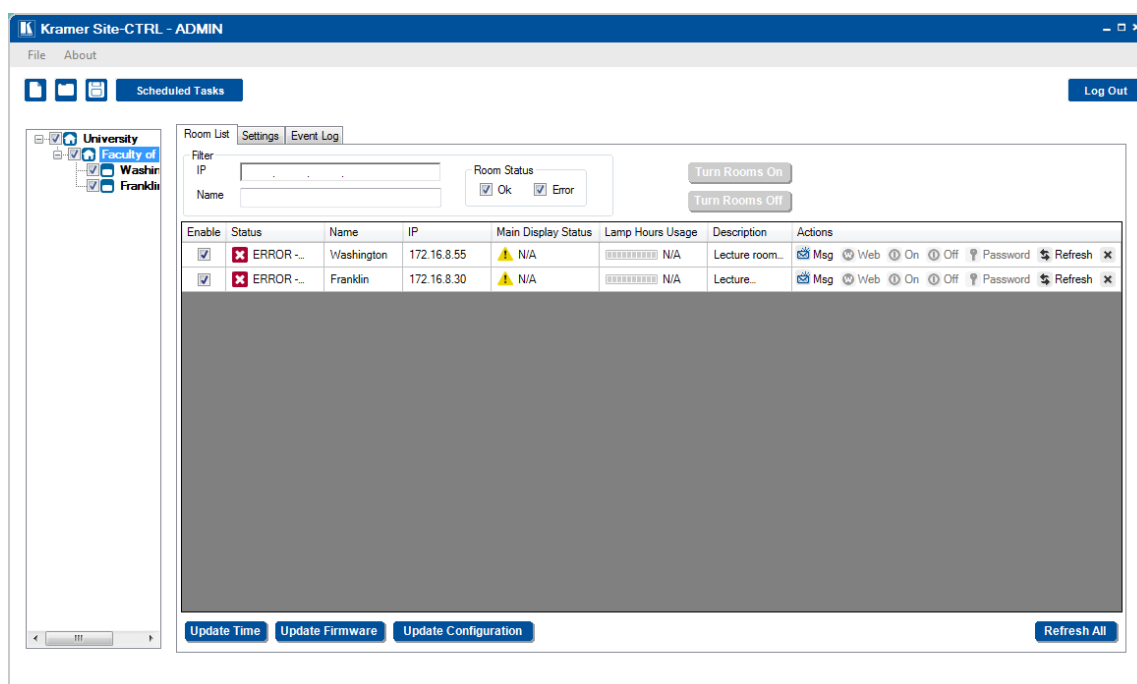
Name: [ ] Turn Rooms On Turn Rooms Off

Enable	Status	Name	IP	Main Display Status	Lamp Hours Usage	Description	Actions
<input checked="" type="checkbox"/>	Waiting	Washington	172.16.8.55	Waiting	N/A	Lecture room...	Msg Web On Off Password Refresh X

[Update Time] [Update Firmware] [Update Configuration] [Refresh All]

Figure 15: The Room List Tab – New Room Added

The new room appears under the Site list (Faculty of Medicine in this example) and as a line in the room table. In the same way you can add other controlled rooms and create sites with lists of controlled rooms.



Kramer Site-CTRL - ADMIN

File About

Scheduled Tasks [Log Out]

Room List Settings Event Log

Filter IP: . . . . . Room Status: ☒ Ok ☒ Error

Name: [ ] Turn Rooms On Turn Rooms Off

Enable	Status	Name	IP	Main Display Status	Lamp Hours Usage	Description	Actions
<input checked="" type="checkbox"/>	ERROR -..	Washington	172.16.8.55	N/A	N/A	Lecture room...	Msg Web On Off Password Refresh X
<input checked="" type="checkbox"/>	ERROR -..	Franklin	172.16.8.30	N/A	N/A	Lecture...	Msg Web On Off Password Refresh X

[Update Time] [Update Firmware] [Update Configuration] [Refresh All]

Figure 16: List of unconnected rooms

Each room line displays the status of the room and details the actions that can be taken:

- **Msg** – Switches to the Event Log tab and filters the log list according to the device's Web pressed button (meaning – shows events of a single device)
- **Web** – Open the device's Web page in the PC's default browser
- **On/Off** – executes All On or All Off
- **Password** – when the device's security is on, the Web page's login screen requires a password. Entering the password using the 'password' button will cause entering the web Page, while skipping the login step of the Web page (for quicker access to the Web page when security = on), currently unavailable
- **Refresh** – refreshes the device communication status (between the PC and the device)
- **X** – delete this line from the list

## 4.1 Adding Several Rooms At Once

If you want to add several rooms at once, check the box next to **IP Range**.

Instead of Room Description, the Add Room window will show the IP number range and the Room Name Start Index text boxes:

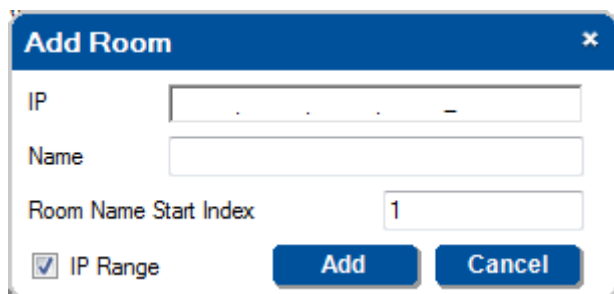


Figure 17: The Room List Tab – Add Several Rooms

1. Type in the IP number range (from 3 to 16 in this example):

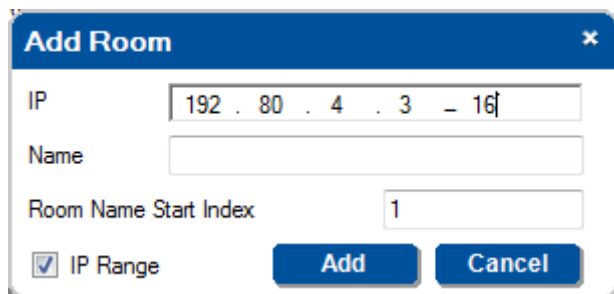


Figure 18: The Room List Tab – Add the IP Range

2. Add the rooms name and the room start index:

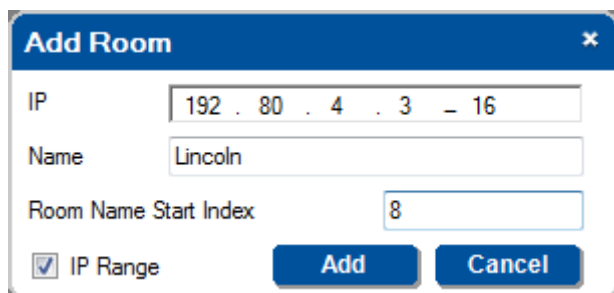
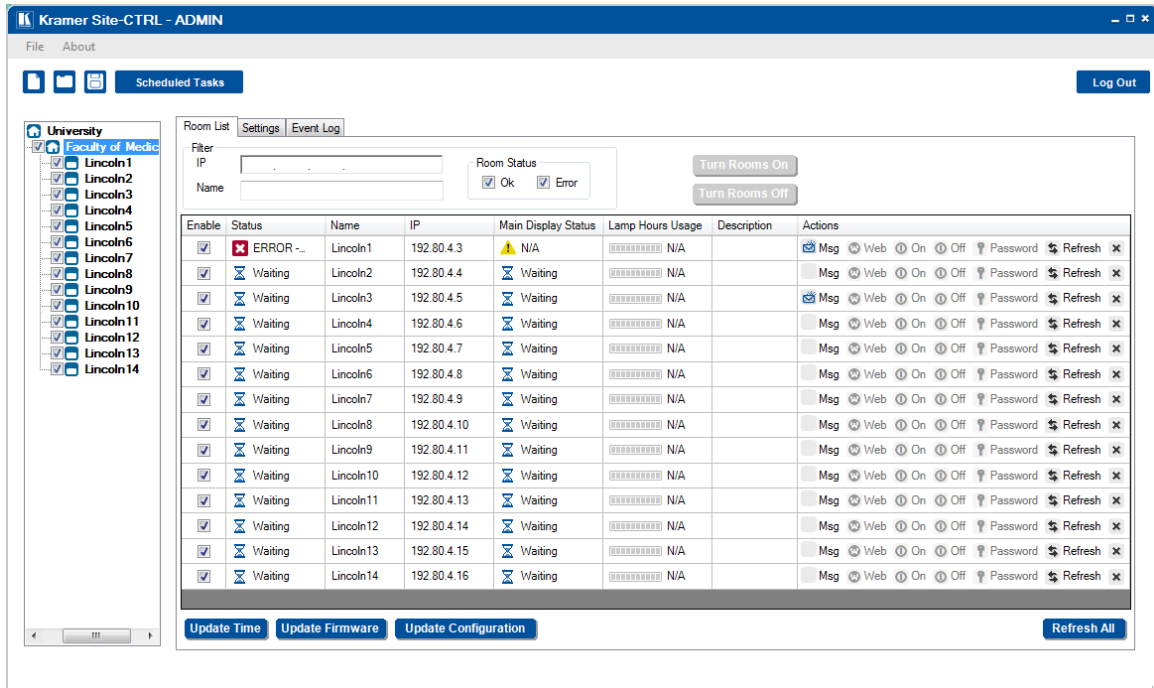


Figure 19: The Room List Tab – Add the Room Name Start Index

3. Click the **Add** button.  
The Room List tab will show the new list of rooms added and will start to connect to them.



## 4.2 Saving the Project

Once the list is ready, you can save it.

In the File menu, click **Save Project As**:

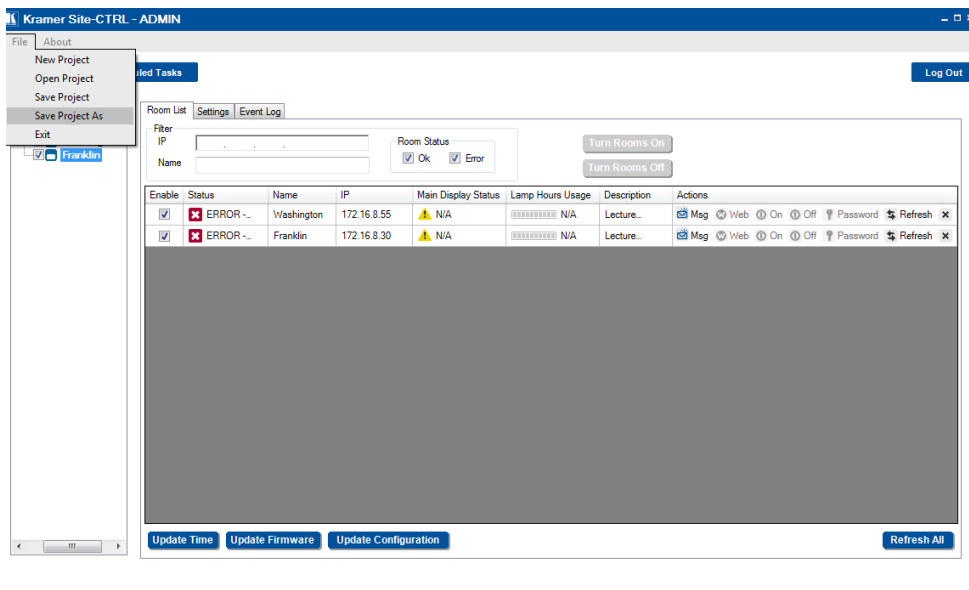


Figure 20: Saving a new project

The following window appears:

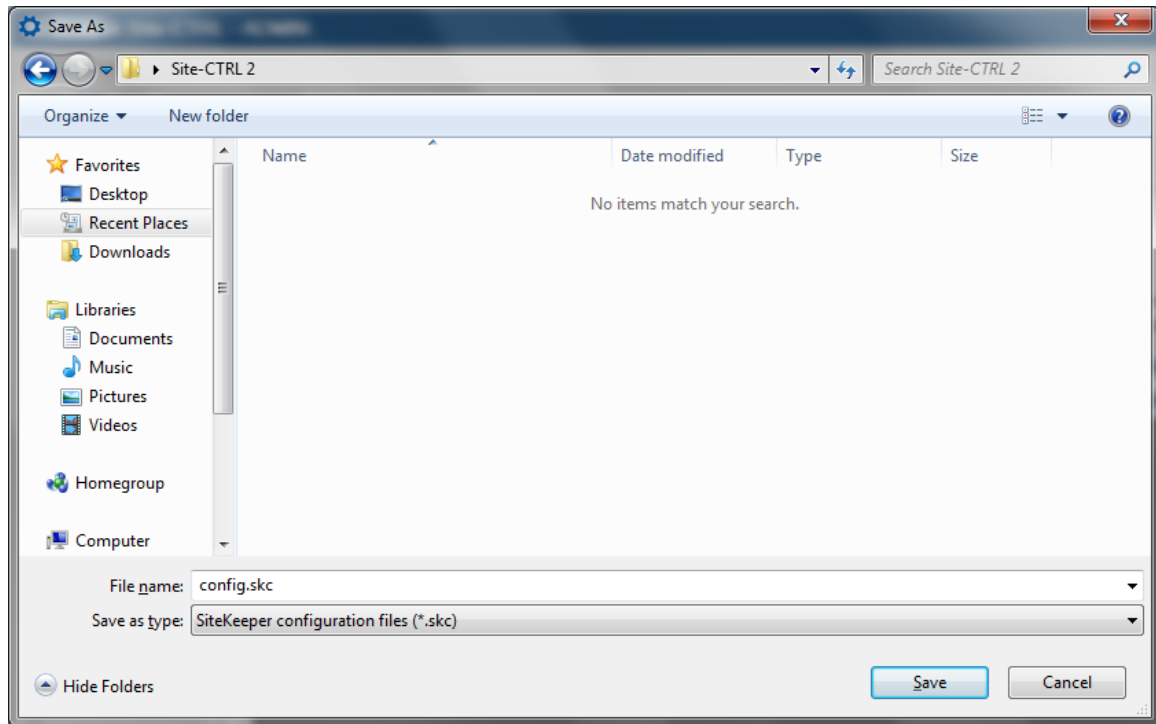


Figure 21: Saving a new project – Saving the New Project to a Folder

If this is the first time you are saving the project, the following message appears:

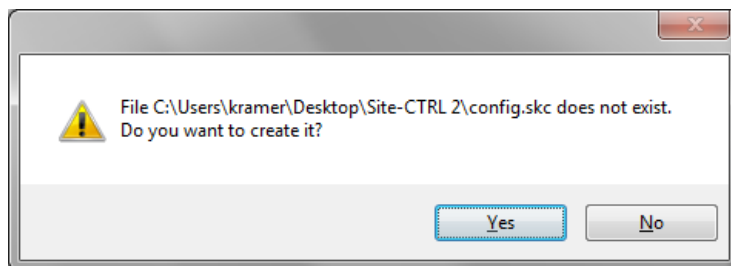


Figure 22: Saving a new project – Creating the New Project

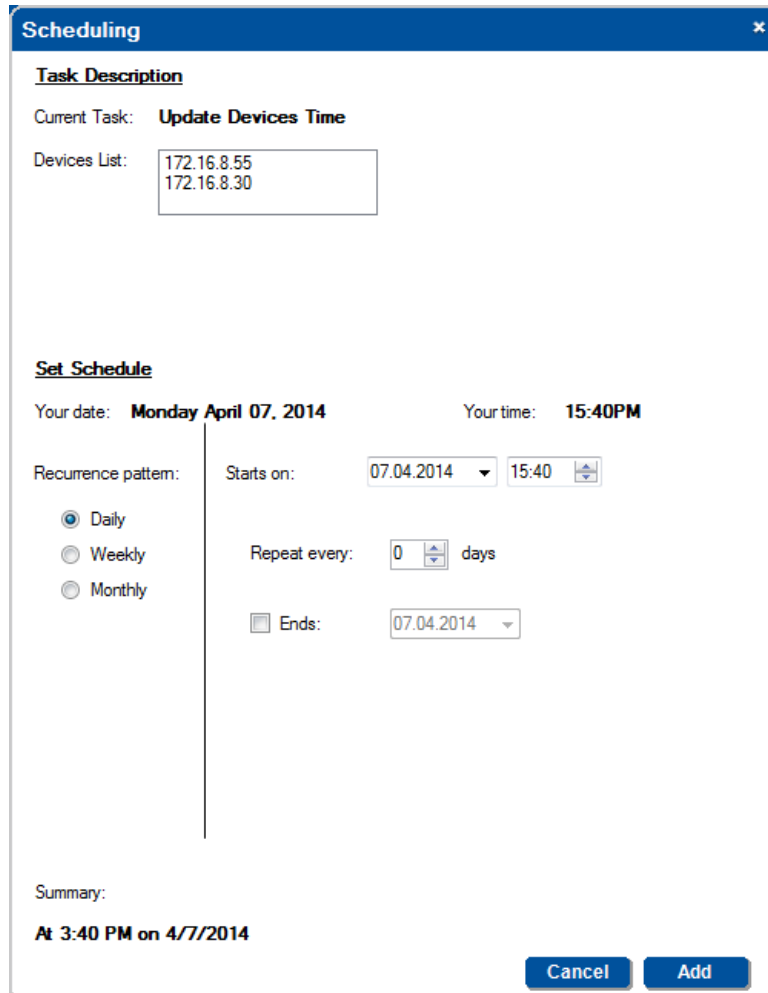
Click the **Yes** button.

## 4.3 Scheduled Tasks

You can create scheduled tasks via the three buttons located on the lower left side of the Room List tab:

- Update Time –schedule a time update to a device list, see [Section 4.3.1](#)
- Update Firmware – schedule several firmware updates to a group of selected devices, see [Section 4.3.2](#)
- Update Configuration – schedule a configuration update to a group of devices, see [Section 4.3.3](#)

Each of the scheduled updates opens a Scheduling window for setting the rate at which the task is performed:

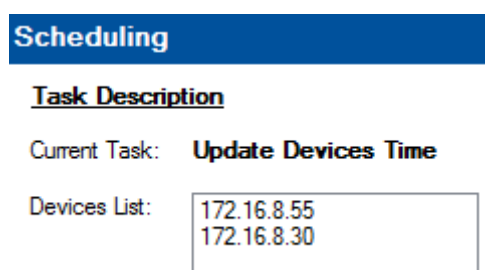


The screenshot shows a 'Scheduling' window with a blue header bar. Below the header, the 'Task Description' section shows 'Current Task: Update Devices Time' and a 'Devices List' containing '172.16.8.55' and '172.16.8.30'. The 'Set Schedule' section shows 'Your date: Monday April 07, 2014' and 'Your time: 15:40PM'. Under 'Recurrence pattern', there are radio buttons for 'Daily' (selected), 'Weekly', and 'Monthly'. To the right, 'Starts on:' is set to '07.04.2014' at '15:40'. 'Repeat every:' is set to '0' days. An 'Ends:' checkbox is unchecked, with a date of '07.04.2014'. A 'Summary' section at the bottom states 'At 3:40 PM on 4/7/2014'. At the bottom right are 'Cancel' and 'Add' buttons.

Figure 23: Scheduling Window

The scheduling window has three main areas, the **Task Description**, **Set Schedule** and **Summary** area.

**Task Description** shows the current task and the relevant rooms (selected in the Room List tab):



This screenshot shows only the 'Task Description' section of the scheduling window. It includes the 'Scheduling' header, 'Task Description' sub-header, 'Current Task: Update Devices Time', and the 'Devices List' with the IP addresses '172.16.8.55' and '172.16.8.30'.

Figure 24: Scheduling – Task Description

The **Set Schedule** area shows the current date and time.

**Recurrence pattern** on the left side lets you choose a daily, weekly or monthly pattern. On the right side you can fill in the start and end date and recurrence of the task.

The **Daily** schedule is illustrated in [Figure 25](#) and [Figure 26](#).

For a daily schedule check **Daily**:

#### Set Schedule

Your date: **Monday April 07, 2014** Your time: **16:11PM**

Recurrence pattern: Starts on: 07.04.2014 16:09

☒ Daily  
☐ Weekly  
☐ Monthly

Repeat every: 1 days

Figure 25: Scheduling – Daily Pattern

Initially, the daily schedule is set to a one-time occurrence (**Repeat every** is set to 0). If you need the task to occur more than once, you can set **Repeat every** to any number of days required.

If you want to repeat this update every day or every few days, select the desired rate in **Repeat every**, and then you can set an end time by checking the **Ends** checkbox or let update time recur at the set rate when **Ends** is not checked.

Set Schedule

Your date: **Monday April 07, 2014** Your time: **16:24PM**

Recurrence pattern: Starts on: 07.04.2014 16:09

☒ Daily  
☐ Weekly  
☐ Monthly

Repeat every: 2 days

☐ Ends: 07.04.2014

Set Schedule

Your date: **Monday April 07, 2014** Your time: **16:25PM**

Recurrence pattern: Starts on: 07.04.2014 16:09

☒ Daily  
☐ Weekly  
☐ Monthly

Repeat every: 3 days

☒ Ends: 07.06.2014

Figure 26: Update Time – Daily Pattern, Various Setups

The Weekly schedule is illustrated in [Figure 27](#). For a weekly schedule check **Weekly**:

#### Set Schedule

Your date: **Monday April 07, 2014** Your time: **16:42PM**

Recurrence pattern: Starts on: 07.04.2014 16:42

☐ Daily  
☒ Weekly  
☐ Monthly

Repeat every: 1 weeks

Repeat on: ☒ S ☐ M ☐ T ☐ W ☐ T ☐ F ☐ S

☐ Ends: 07.04.2014

Figure 27: Scheduling – Weekly Pattern

You can set the start date and time, the repeat rate (**Repeat every**) and the days of the week for which this task will be carried out. If you want to set an end date check the **Ends** checkbox.

The monthly schedule is illustrated in [Figure 28](#). For a monthly schedule check **Monthly**:



### Set Schedule

Your date: **Monday April 07, 2014**

Your time: **16:57PM**

Recurrence pattern:

- ☐ Daily  
☐ Weekly  
☒ Monthly

Starts on:

07.04.2014 16:57

Repeat every: 0 months

Months:

Jan

☒ Days:

1

☐ On:

first Sun

☐ Ends:

07.04.2014

Figure 28: Scheduling – Monthly Pattern

In the monthly schedule, check the months, the days in the month or the week in the month and the day. You can set an end date by checking the **Ends** checkbox.

The screenshot shows the 'Set Schedule' form with the 'Monthly' recurrence pattern selected. The 'Months' dropdown menu is open, displaying a list of months from January to May. The 'January' option is checked. The 'Ends' checkbox is also checked, and the end date is set to 08.04.2014.

Figure 29: Scheduling – Monthly Pattern, the Months

You can either select the days of each month or the days in the weeks in the month

The screenshot shows the 'Set Schedule' form with the 'Monthly' recurrence pattern selected. The 'Days' dropdown menu is open, displaying a list of days from 1 to 8. The '1' and '5' options are checked. The 'Ends' checkbox is also checked, and the end date is set to 08.04.2014.

or

**Set Schedule**

Your date: **Tuesday April 08, 2014** Your time: **14:43PM**

Recurrence pattern: Starts on: 08.04.2014 14:33

☐ Daily  
☐ Weekly  
☒ Monthly

Repeat every: 0 months

Months: Jan

☐ Days: 1, 3, 5  
☒ On: first Sun

☐ Ends: first second third fourth last

Summary:  
At 2:33 PM on day 1, 3, 5 of January, starting 4/8/2014

Cancel Add

The lower side of the window shows a summary of the setups. For example, a Monthly setup will show this:

Summary:

**At 2:33 PM on the first Sunday each January, March, starting 4/8/2014 - Trigger expires at 3/1/2016 2:33:46 PM**

Cancel Add

Figure 30: Scheduling – Summary

#### 4.3.1 Update Time

The Update Time button lets you schedule a time update for devices that are checked in the Room List.

To update the time, do the following:

1. Check the relevant rooms in the room list.
2. Click the **Update Time** button.  
The scheduling window appears (see [Figure 23](#)):
3. Make sure the setup is correct and then click **Add**.  
The time update is added to the scheduled tasks list.

**Site Ctrl Tasks List**

Your date: **Tuesday April 08, 2014** Your time: **08:42AM**

Update Devices Time - At 8:38 AM on the first Sunday each January, February, March, April, May, starting 4/8/2014...	X
Update Devices Time - At 4:32 PM every day - Trigger expires at 4/15/2014 4:32:17 PM.	X

Show Log Close

Figure 31: Update Time – Scheduled Tasks List

You can click the Show Log button to view the update progress (update Firmware in this example):

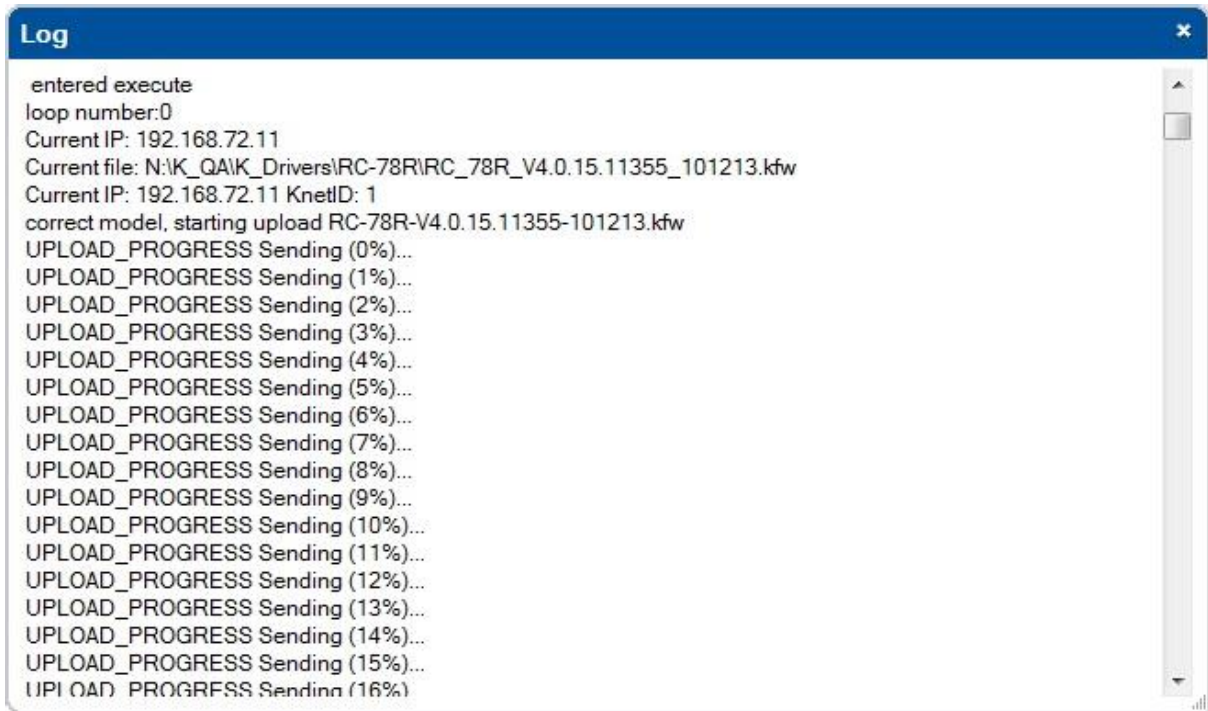


Figure 32: Update Time – Show Log Button

#### 4.3.2 Update Firmware

You can schedule a firmware update to one or several devices in selected rooms all at once. To update the firmware:

1. In the Room List tab, select the rooms to which the firmware update is relevant.
2. Click the **Update Firmware** button.

The following window appears:

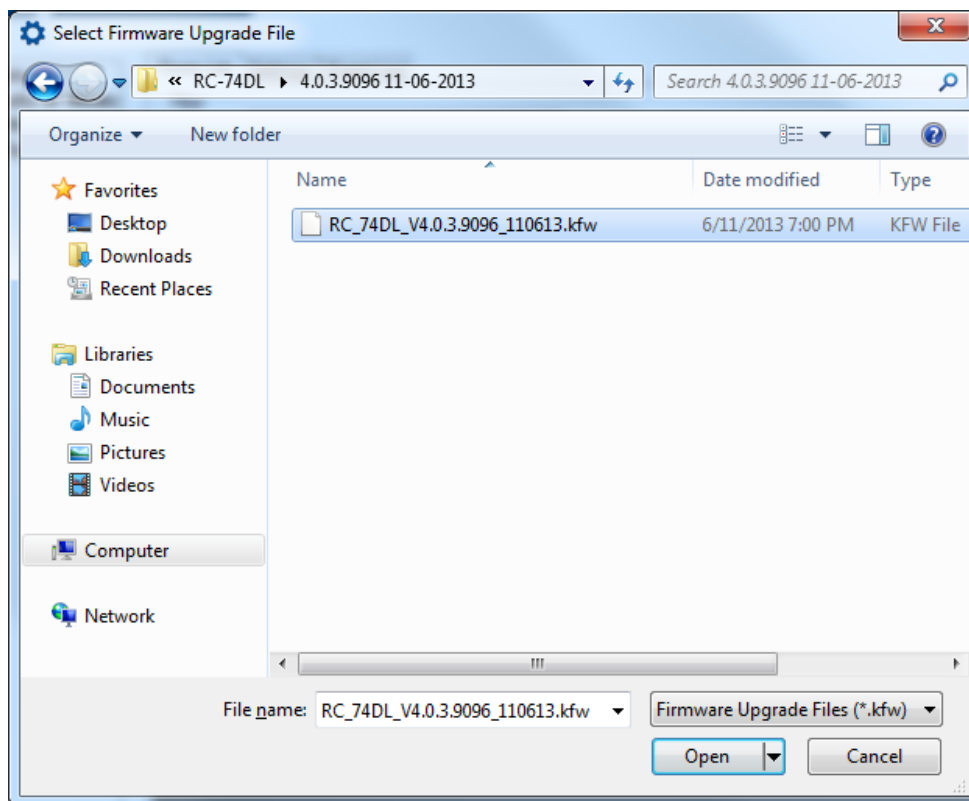


Figure 33: Update Firmware – Selecting the Firmware Upgrade File

3. Select the firmware upgrade file and click **Open**.  
The **Scheduling** window appears.

Scheduling

Task Description

Current Task:

Update Devices Firmware

Devices List:

Washington

Franklin

Firmware Upgrade Files:

R:\Software Repository\Release\RC-74DL\4.0.3.9096 11-06-2013\RC\_74DL\_V4.0.3.9096\_110

Set Schedule

Your date:

Tuesday April 08, 2014

Your time:

09:55AM

Recurrence pattern:

Starts on:

08.04.2014

09:44

☒ Daily
 ☐ Weekly
 ☐ Monthly

Repeat every:

0

days

☐ Ends:
 

08.04.2014

Summary:

At 9:44 AM on 4/8/2014

Cancel

Add

Figure 34: Update Firmware – the Scheduling Window

- Make sure the setup is correct and then click **Add**.  
The time update is added to the scheduled tasks list.

Note that you can select more than one file to update (see [Figure 35](#)). The system searches all the master controllers + auxiliary devices and sends each updated firmware file to its designated device.

To do this you need to move all the relevant firmware files to one folder and select them all.

Scheduling

Task Description

Current Task:

Update Devices Firmware

Devices List:

Washington

Franklin

Firmware Upgrade Files:

C:\TEMP\RC\_74DL\_V4.0.2.9066\_060613.kfw  
 C:\TEMP\RC\_74DL\_V4.0.3.9096\_110613.kfw

Set Schedule

Your date:

Tuesday April 08, 2014

Your time:

15:34PM

Recurrence pattern:

Starts on:

08.04.2014

15:34

☒ Daily
 ☐ Weekly
 ☐ Monthly

Repeat every:

3

days

☒ Ends:
 

08.04.2014

Summary:

At 3:34 PM every 3 days

Cancel

Add

Figure 35: Update Firmware – the Scheduling Window with two Firmware Files

18

Site-CTRL - The Room List Tab

### 4.3.3 Update Configuration

You can update the room controllers of identically configured rooms in the room list all at once via the Update Configuration button. The room controller configuration file used is created via the K-Config software through the Export Configuration item in the File menu.

To update a configuration, do the following:

1. Check the list of the relevant rooms.
2. Click the **Update Configuration** button.

The following window appears

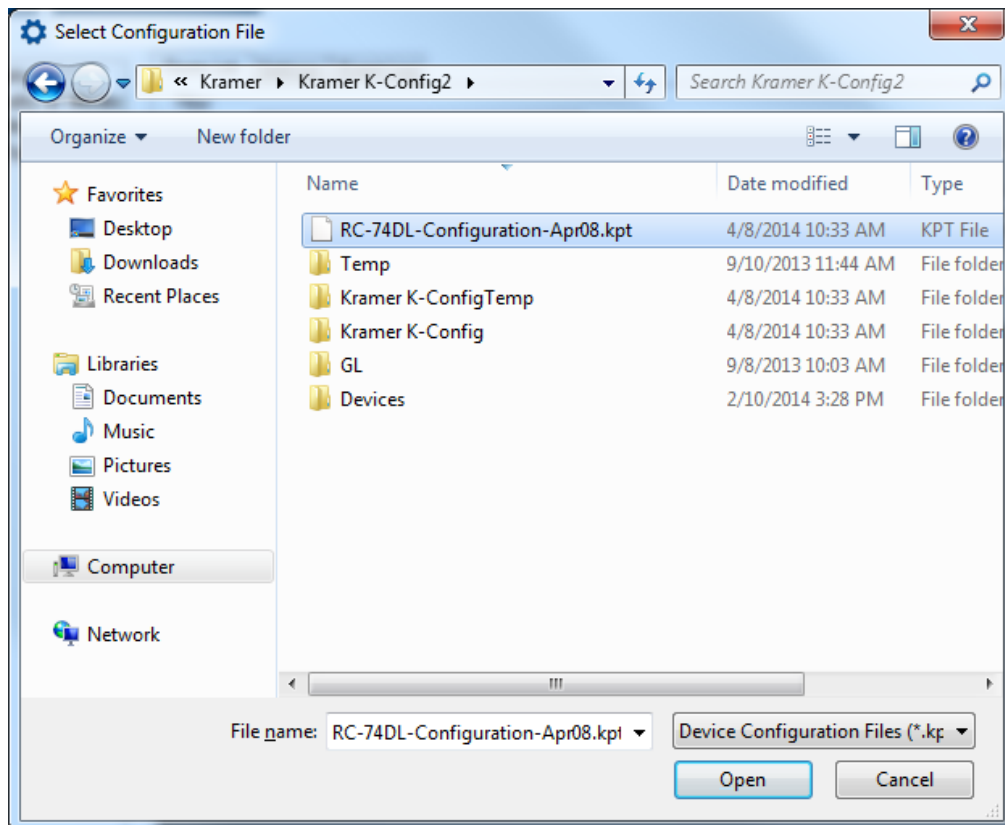


Figure 36: Update Configuration – Selecting the Configuration File

3. Select the configuration file and click **Open**.  
The **Scheduling** window appears.
4. Set the schedule for updating the configuration and click the **Add** button.  
the configuration update is added to the scheduled tasks list.

## 5 The Settings Tab

The settings tab is mainly intended for the administrator. Logging as a user will only let you the language (English or Russian) and check the Write Minor Log Events box.

The Settings tab lets you set an e-mail notification in case of a defined event for a certain room or certain type of problem, and set the Handshake interval between the different rooms. [Figure 37](#) shows the Settings tab.

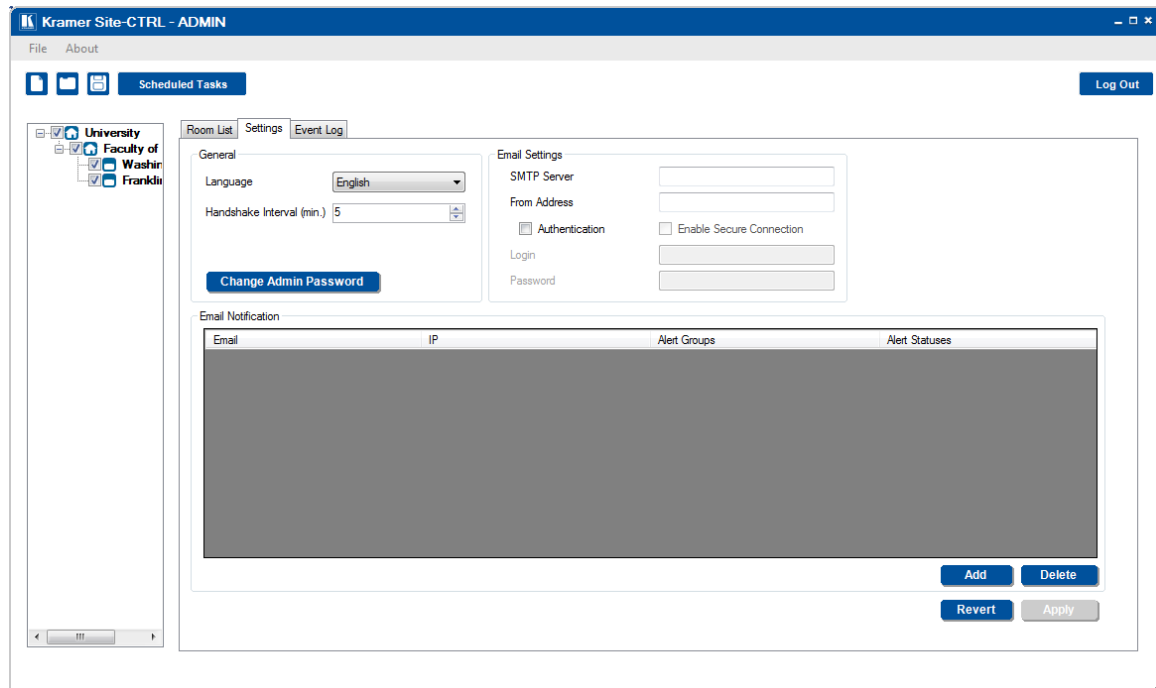


Figure 37: The Settings Tab – for the Administrator

Features	Function
General Area	<b>Language:</b> select English or Russian (available also for the user)
	<b>Handshake Interval [min]:</b> set the communication test interval – how often <b>Site-CTRL</b> will try to communicate with the room controllers (available also for the user)
	<b>Change Admin Password</b> button: click to change the password
Email Settings Area	<b>SMTP Server:</b> the SMTP server address through which the e-mail is sent
	<b>From Address:</b> the name by which the user is identified
	<b>Authentication</b> check box: further authentication for entering the server
	<b>Login:</b> enter username if further authentication is required
	<b>Password:</b> enter password if further authentication is required
	<b>Enable Secure Connection</b> check box
Email Notification Area	<b>Email:</b> set the e-mail address for event notification (see <a href="#">Figure 38</a> )
	<b>IP:</b> e-mail will be sent regarding a selected list of IP numbers (see <a href="#">Figure 40</a> )
	<b>Alert Groups:</b> set the alert groups that will induce an e-mail (see <a href="#">Figure 41</a> )
	<b>Alert Statuses:</b> set the alert types that will induce an e-mail (letting different people receive e-mails for different alarm groups) (see <a href="#">Figure 42</a> )

### 5.1 Email Notification

The Email Notification area shows a list of email recipients and lets you define the conditions in which each member on the list will receive a notification by e-mail.

To add a recipient to the list:

1. In the Settings tab, click the Add button.  
The following window appears:

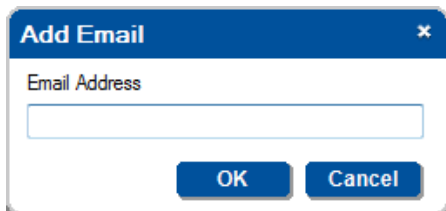


Figure 38: Email Notification – Adding an e-mail Address

2. Type in the e-mail address and click OK.  
The address appears in the **Email Notification** area:

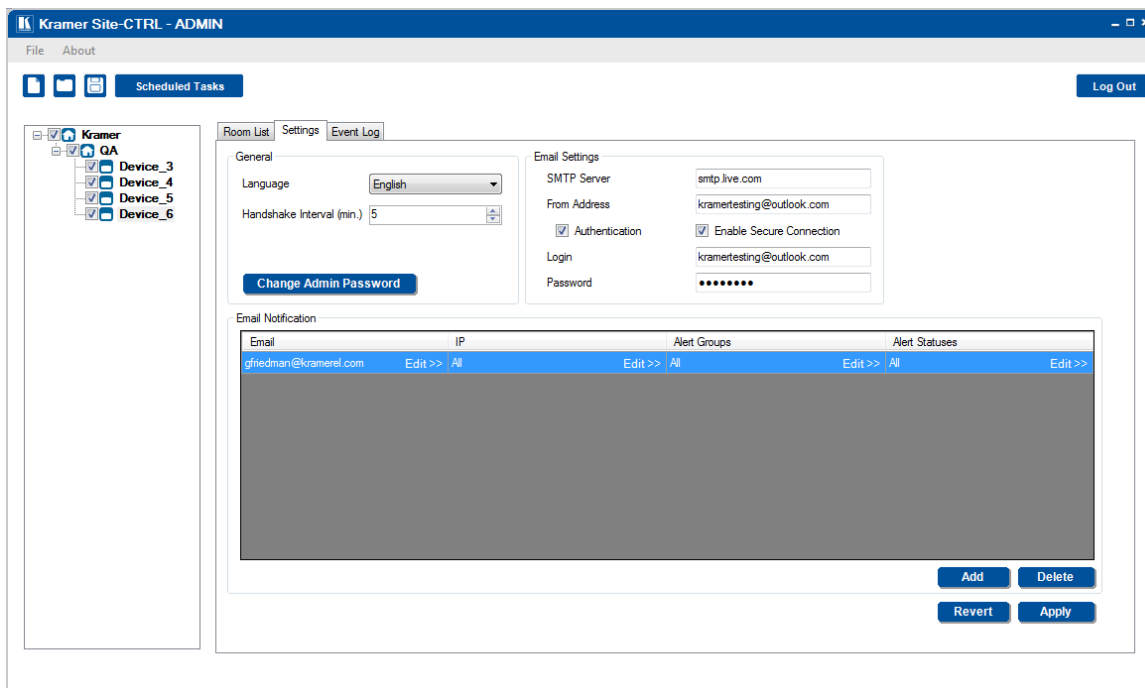


Figure 39: Email Notification – the e-mail Address Added



You can always change the email address by clicking Edit>> in the Email cell.

3. To set the rooms (IP numbers) that are relevant to this e-mail recipient, click Edit>> in the **IP** cell. The following window appears:

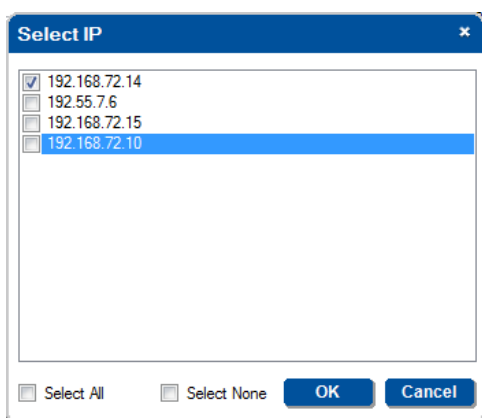


Figure 40: Email Notification – the Select IP Window

4. Check the IP numbers which are relevant for this recipient or check Select All/Select None.
5. Click OK.

6. To set the groups of alerts (Alert Groups) that are relevant to this e-mail recipient, click Edit>> in the **Alert Groups** cell. The following window appears:
7. Check the alert Statuses that are relevant to this recipient or check Select All/Select None.

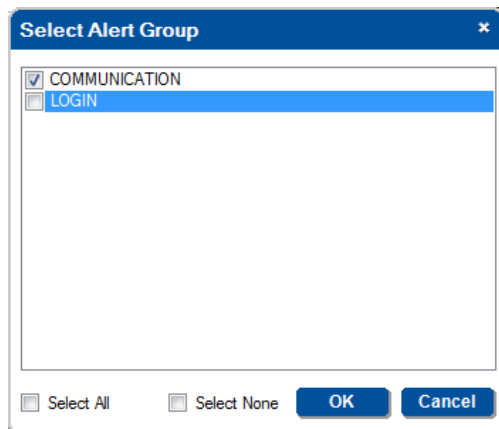


Figure 41: Email Notification – The Select Alert Group Window

8. Click OK.
9. To set the type of alerts (Alert Statuses) that are relevant to this e-mail recipient, click Edit>> in the **Alert Types** cell.
10. Check the alert groups that are relevant to this recipient or check Select All/Select None.

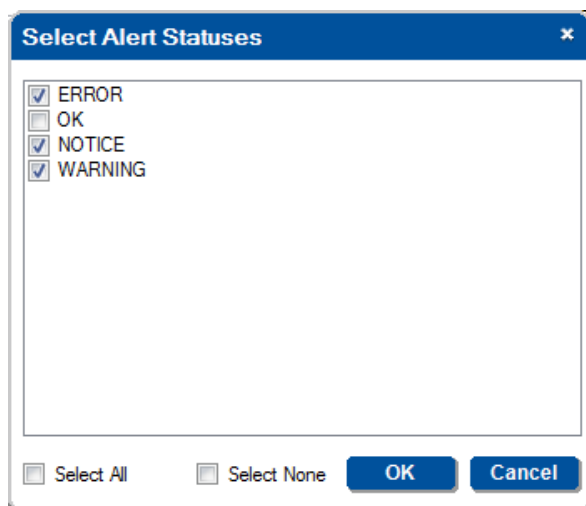


Figure 42: Email Notification – The Select Alert Statuses Window

11. Click OK.

The Settings tab will show the email and under what conditions will it be sent to the recipient:



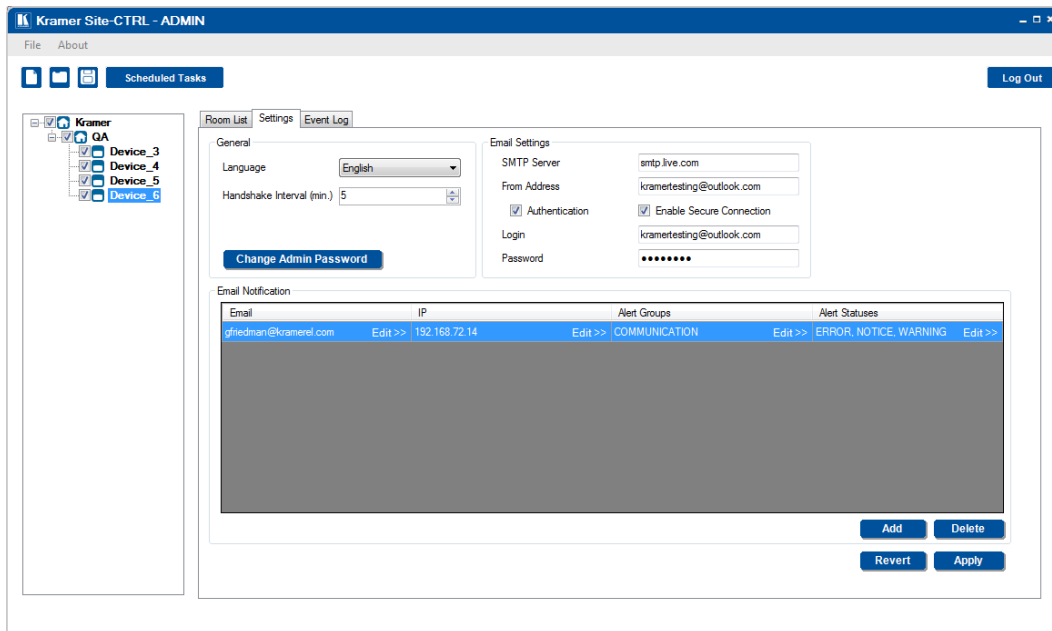


Figure 43: Email Notification – The Settings Tab with email



After adding the details you have to click the **Apply** button to save the mail settings, otherwise data will be lost.

You can continue to add emails to different recipients for different rooms under various conditions:

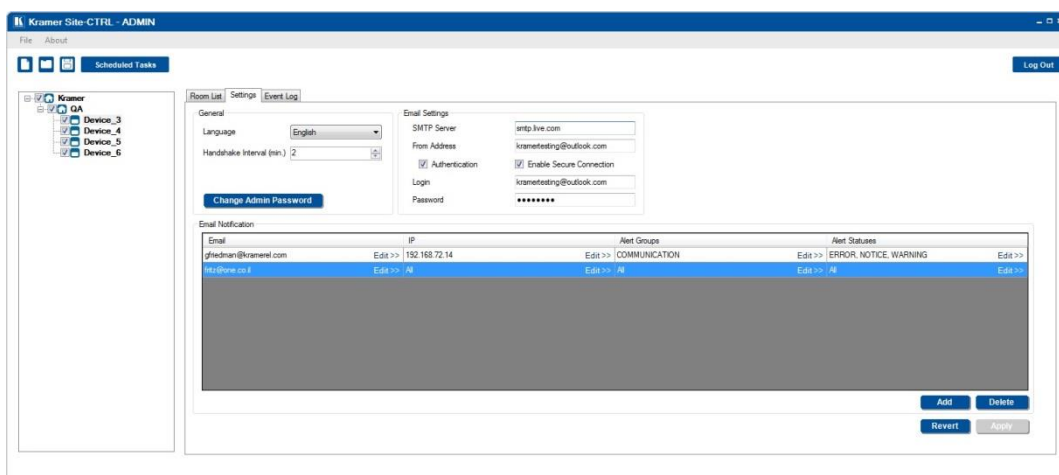


Figure 44: Email Notification – The Settings Tab with email List

[Figure 45](#) and [Figure 46](#) show examples of email notifications



Figure 45: Email Notification – LampHour notification email

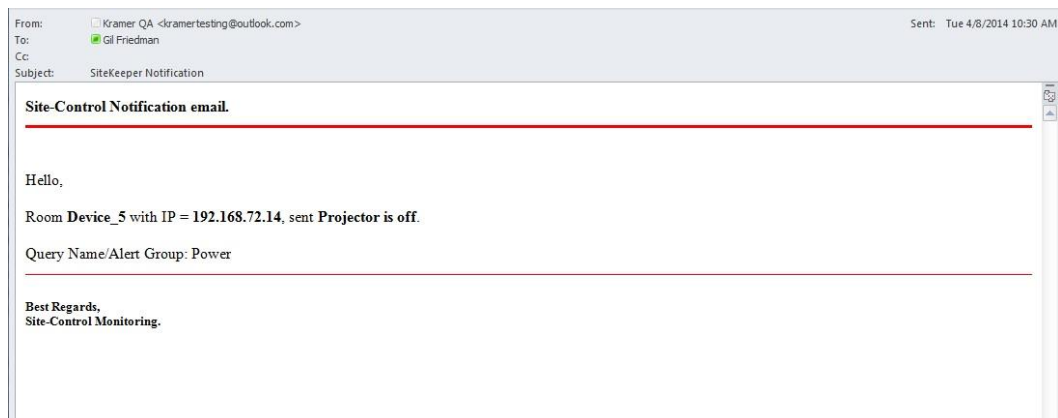


Figure 46: Email Notification – Power notification email

For example, the power notification state will appear under the Main Display Status column in the Room List tab:

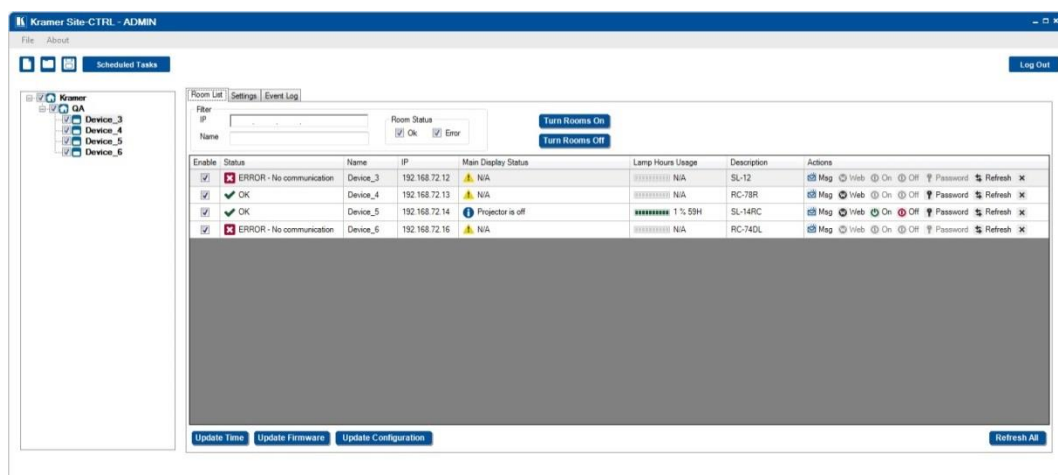


Figure 47: Email Notification – Power is Off in Room List Tab

## 6 The Event Log Tab

The Event Log tab lists the controlled room events. The Filter area lets you filter the information displayed. [Figure 48](#) defines the Event Log tab:

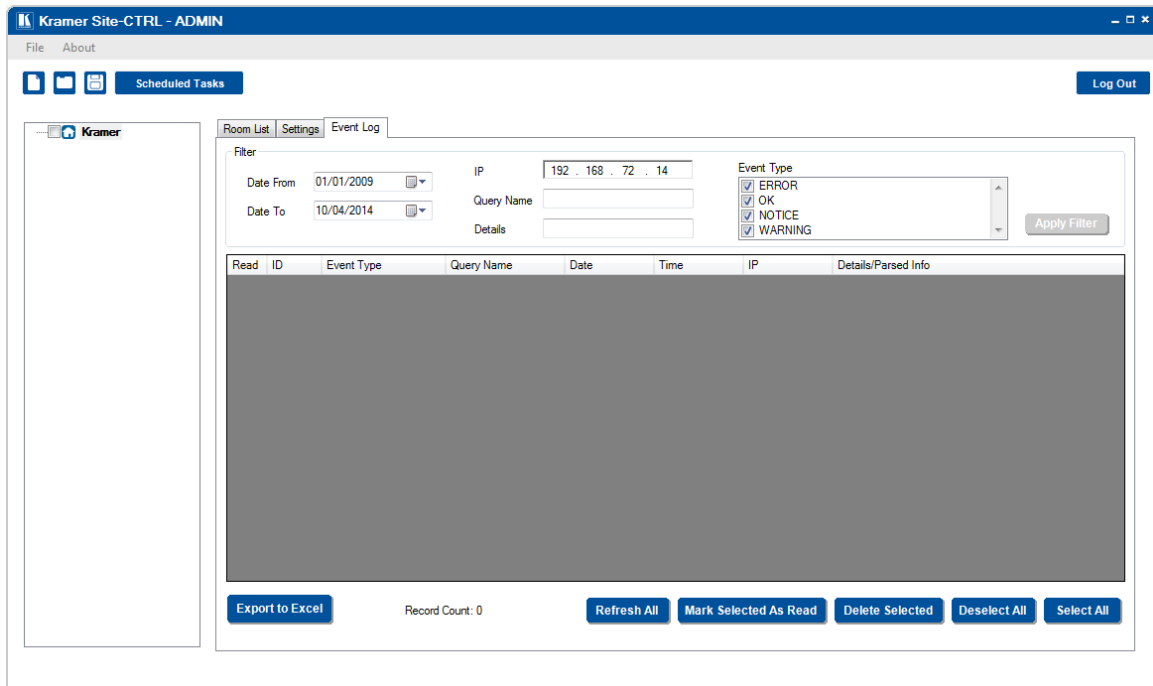


Figure 48: The Event Log Tab

Features	Function
Filter Area	<b>Date From/Date To</b> – set the time frame for the list
	<b>IP</b> – set the IP number you want displayed
	<b>Query Name</b> – set the Query name you want displayed (not case sensitive)
	<b>Details</b> – set the details you want displayed (not case sensitive)
	<b>Event Type</b> – select the event types you want displayed
	<b>Apply Filter Button</b> – Click the button to apply filter to the list
Event Log list:	<b>Read</b> – indicates whether the event was read
	<b>ID</b> – indicates the ID number of the event
	<b>Event Type</b> – displays the event type
	<b>Query Name</b> – displays the query name
	<b>Date</b> – displays the event date
	<b>Time</b> – displays the time of occurrence
	<b>IP</b> – displays the IP number of the room (master room controller)
	<b>Details/Parsed Info</b> – When receiving an alert caused by a parsed Query information, the parsed information will be shown here as an indication to the cause of the alert
Export to Excel	Click to export the list of events to an excel file
Record Count	Records the total number of events
Refresh All	Click to refresh the event log list
Mark Selected As Read	Click to mark the selected lines as read
Delete Selected	Click to delete the selected lines (not available to the user)
Deselect All	Click to clear selection
Select All	Click to select all the Log Records

Figure 49 illustrates an operating Event Log tab

The screenshot shows the 'Kramer Site-CTRL - ADMIN' interface. On the left is a sidebar with a tree view containing 'Kramer', 'QA', and several 'Device' entries (Device\_3 through Device\_6). The top navigation bar includes 'Scheduled Tasks' and a 'Log Out' button. The main content area is titled 'Event Log' and features a filter section with 'Date From' (1/ 1/2009), 'Date To' (4/ 8/2014), 'Query Name', 'IP', and 'Event Type' (ERROR, OK, NOTICE, WARNING). Below the filters is a table of events with columns: Read, ID, Event Type, Query Name, Date, Time, IP, and Details/Passed Info. The table contains 16 rows of event data. At the bottom of the table area are buttons for 'Export to Excel', 'Record Count: 3216', 'Refresh All', 'Mark Selected As Read', 'Delete Selected', 'Deselect All', and 'Select All'.

Read	ID	Event Type	Query Name	Date	Time	IP	Details/Passed Info
<input checked="" type="checkbox"/>	113149	OK	VhathOutput1	4/8/2014	9:36 AM	192.168.72.12	1's output is medium
<input checked="" type="checkbox"/>	113148	OK	VhathOutput1	4/8/2014	9:36 AM	192.168.72.14	Medium Rare Yummy
<input checked="" type="checkbox"/>	113147	NOTICE	Power	4/8/2014	9:36 AM	192.168.72.14	Projector is off
<input checked="" type="checkbox"/>	113146	OK	Lamphour	4/8/2014	9:36 AM	192.168.72.14	59
<input checked="" type="checkbox"/>	113145	OK	VhathOutput1	4/8/2014	9:36 AM	192.168.72.12	1's output is medium
<input checked="" type="checkbox"/>	113144	NOTICE	Power	4/8/2014	9:35 AM	192.168.72.14	Projector is off
<input checked="" type="checkbox"/>	113139	NOTICE	Power	4/8/2014	9:35 AM	192.168.72.14	Projector is off
<input checked="" type="checkbox"/>	112341	OK	VhathOutput1	4/8/2014	7:28 AM	192.168.72.11	Output 1 is medium
<input checked="" type="checkbox"/>	112340	WARNING	VhathOutput1	4/8/2014	7:28 AM	192.168.72.11	No Communication
<input checked="" type="checkbox"/>	112339	OK	VhathOutput1	4/8/2014	7:28 AM	192.168.72.12	1's output is medium
<input checked="" type="checkbox"/>	112338	OK	VhathOutput1	4/8/2014	7:27 AM	192.168.72.12	1's output is medium
<input checked="" type="checkbox"/>	112337	ERROR	COMMUNICATION	4/8/2014	7:27 AM	192.168.72.54	Room_Status
<input checked="" type="checkbox"/>	112336	ERROR	COMMUNICATION	4/8/2014	7:27 AM	192.168.72.16	Room_Status

Figure 49: The Event Log Tab in Operation