PC CUE

## User Manual

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INTRODUCTION

Overview

pcCUE-standard enables to use any Windows PC or Tablet as a Cue System control panel. For some projects the pcCUE-standard can serve as a main control panel or it can be suitable addition to CUE control panels.
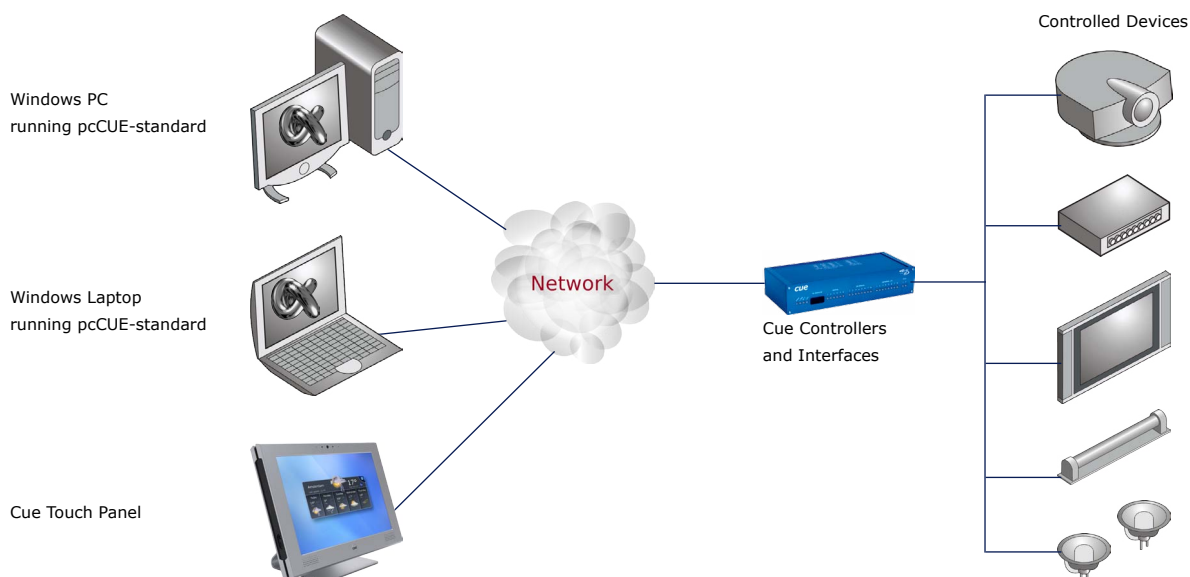
pcCUE-professional enables to use any Windows PC or Tablet as a Cue System control panel and controller. It is a suitable addition to CUE control panels and controllers or it can be used as a standalone application. The pcCUE-professional has the same functionality as pcCUE-standard plus any IP operated device can be controlled directly without a need of control unit, because complete set of XPL2 IP commands can be used.
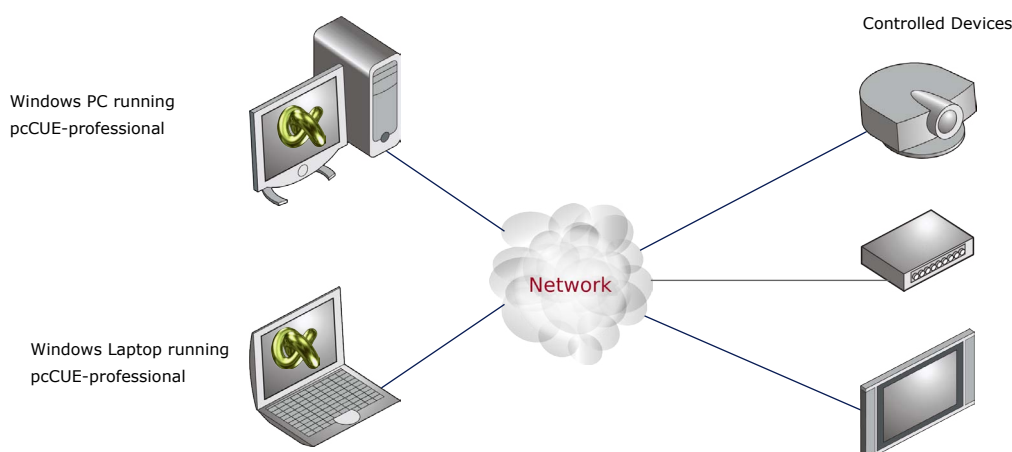
Both pcCUEs run in standard zoomable window or they can run in full screen mode. GUI application has to be designed using standard programming tool - Cue Visual Composer, where effective application preparing is achieved by visual programming approach with drag and drop, advanced editing technique IntelliSense, export and import of ready to use pieces of program and more.

Communication between the control panel device, control system and controlled devices is based on Ethernet or Wi-Fi communication.

Comparison

Model	Product Code	Full set of CVC graphic features	Ethernet and Wi-Fi communication	System communication with CUE units	IP commands for device control
pcCUE-standard	CS0405	•	•	•	
pcCUE-professional	CS0406	•	•	•	•

Features

- PC acts as
    - Cue System control panel (pcCUE-standard)
    - Cue System control panel / controller (pcCUE-professional)
- Runtime for applications designed with Cue Visual Composer
- Microsoft® Windows compatible
- Resolution set by application
- Zoomable application window
- Full screen mode available
- Ethernet or Wi-Fi communication
- Software registration required

Programming

All pcCUE applications have to be programmed using Cue Visual Composer.

The pcCUE isn't compatible with Cue Director XPL.

SPECIFICATIONS

Product Name	pcCUE-standard	pcCUE-professional
Product Code	CS0405	CS0406
Operating system	Microsoft® Windows XP/Vista/7 (32/64-bit)	
Resolution	Defined by application Full screen mode available	
Application upload	Directly from Cue Visual Composer Using configuration window	
Communication	Wired Ethernet or Wi-Fi CUEnet2 protocol	
Control commands	-	All TCP and UDP commands available
Configuration window	Applications management Filestorage management E-mail configuration Registration	
Protection	Based on target machine hardware identification	

INSTALLATION

Steps are as follows

1. Download appropriate pcCUE from http://www.cuesystem.com/software.aspx. Login for download is required.

2. Install pcCUE on target device.

3. Now pcCUE can be used. It is running in Unregistered Version mode - see below.

UNREGISTERED VERSION

This mode is designed for demonstration and testing only. For final usage it is necessary to provide registration and buy license as described below.

Unregistered version of pcCUE is fully functional, but control layout is marked by Unregistered Mode watermark.


In addition the pcCUE stops automatically after 30 minutes with the following message.
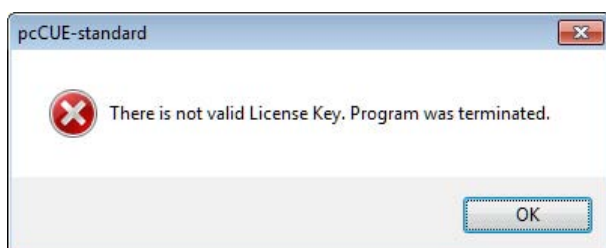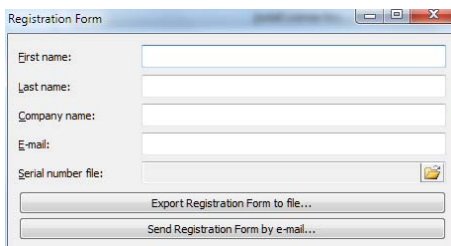
ORDER AND REGISTRATION

Steps are as follows

1. Send order for pcCUE to your sales partner. Use appropriate product code CS0405 for pcCUE-standard and CS0406 for pcCUE-professional.

2. You will receive order confirmation including Serial Number File.

3. Run pcCUE and start Configuration.

4. Select Registration window.
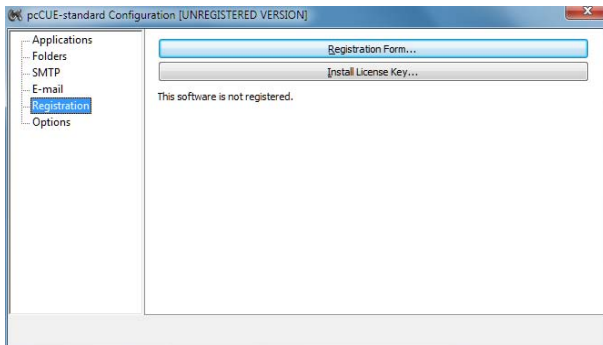
5. Use **Registration Form...** button to open the Registration Form.

6. Fill all requested items.

7. Open dialog box and insert Serial number file you received as order confirmation attachment.

8. Now it is necessary to create Registration Form file and send it to CUE for registration. The file must be sent to e-mail address **register@cuesystem.com**. There are two options how to do it

   • Use button **Export Registration Form to File...** to create Registration Form file and save it. After that you can send this file manually to register@cuesystem.com.

   • Use button **Send Registration Form by e-mail...** to create e-mail draft including appropriate address and attachment. This email can be sent directly.

9. Wait for License Key which will be sent to e-mail address filled in Registration Form.

10. If you received License Key file, run pcCUE, start configuration and select Registration window
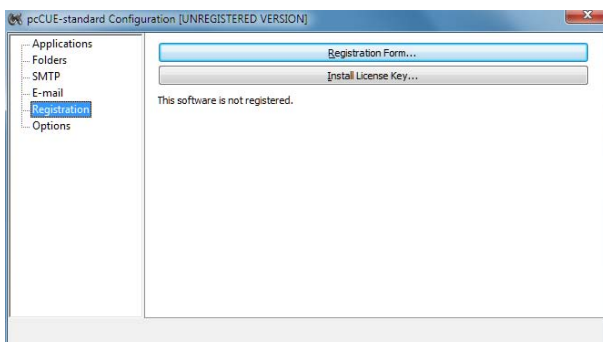
11. Use button **Install License Key...** to activate open file dialog box.

12. Find appropriate License Key file and open it.

13. Registration is now finished.

HOW TO CREATE APPLICATION

Steps are as follows

1. We estimate you have project in Cue Visual Composer.

2. Insert appropriate pcCUE_xxx.cvcc file to project resources.

3. Drag and drop pcCUE to the Configuration as well as any other CUEunit. Default name is TouchPanel1.
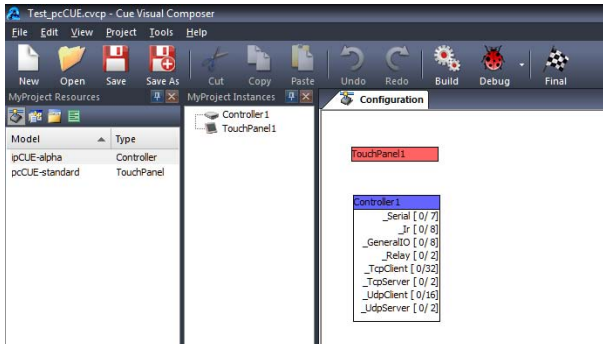
4. Create application using standard XPL2 language, graphic libraries, drivers etc.

Note: pcCUE-standard doesn't include control ports and pcCUE-professional includes only TCP and UDP ports.

5. Use Final button and open Upload and Export dialog box.

6. Mark check box of pcCUE application (TouchPanel1) and use button **Export All...**. Appropriate *.cvca file will be created.
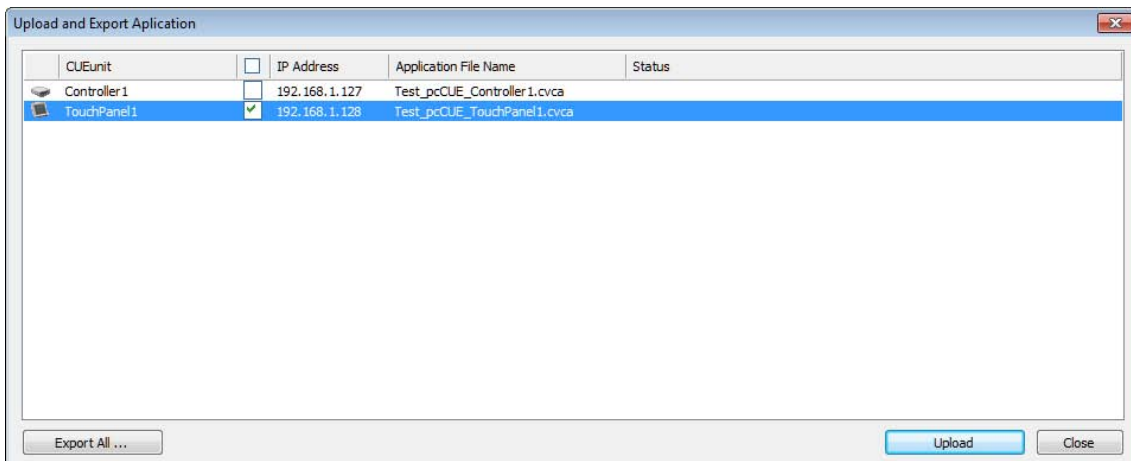
7. **Don't close dialog box**.

8. Check rest of units including in the project as described below and use button **Upload**. Rest of the system will be uploaded.
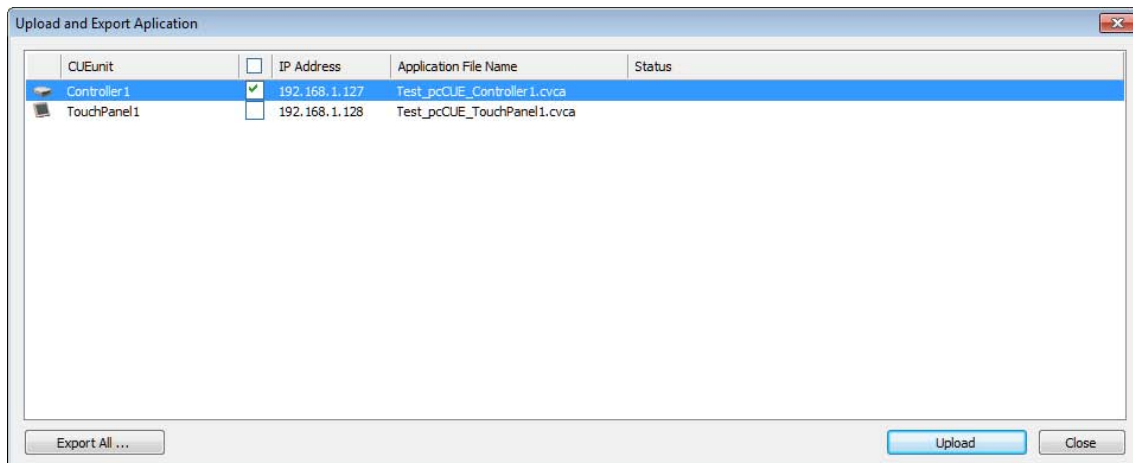
Important note

Export and upload in one step (is equal the same opening of Upload and Export dialog box) is very important. If you don't export *.cvca file and upload rest of the system at the same time, *.cvca file has different build identification against rest of the system and parts of the application doesn't communicate.

APPLICATION UPLOAD

Off-Line Upload

Steps are as follows

1. Use CVC export application to *.cvca file as described above. Be sure you export application at the same step as you download rest of the system.

2. Copy *.cvca file to target PC.

3. Run pcCUE.

4. Run Configuration window and select Applications.

5. Use button **Upload** to start open file dialog box.

6. Select appropriate *.cvca file and press Open. Application is uploaded.

7. Start selected application using button Start.

Direct Upload from Cue Visual Composer

Standard upload using Cue Visual Composer. That means PC running pcCUE works as standard CUEunit (touch panel, controller) and application can be uploaded using Final dialog in Cue Visual Composer.

Connect your PC running CVC and target PC machine running the pcCUE as described below.

PC running CVC

Network

Target PC running pcCUE
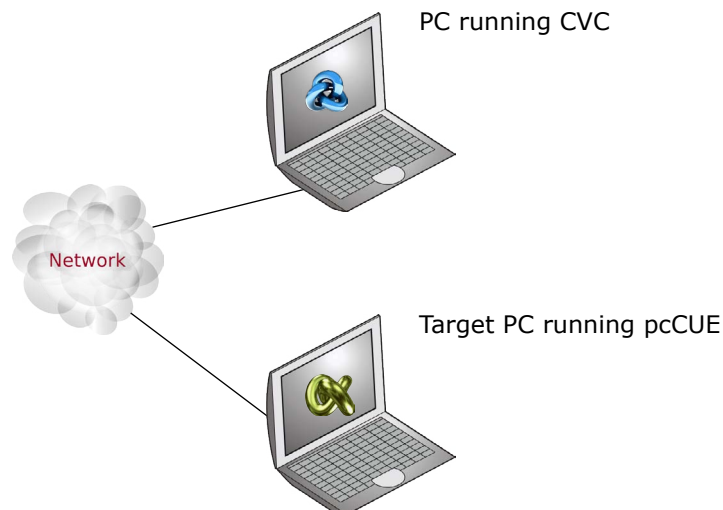
Use section Final for application upload. Be sure you have correct IP address of target PC in your CVC project.

USING THE NOTIFICATION AREA

Running pcCUE provides following icon in Windows Notification Area:

 for pcCUE-standard

 for pcCUE-professional.

Right click displays the context menu.
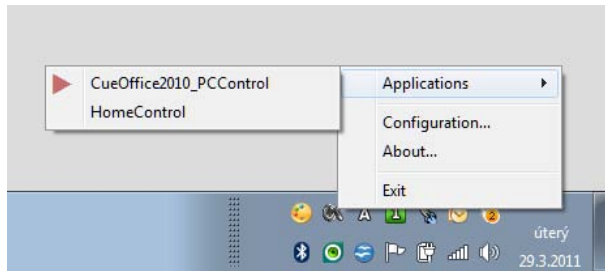
This context menu allows to

- Select active application (*.cvca file). All uploaded applications are listed, left click selects required application.
- Start Configuration window. See chapter Configuration for more details.
- Activate About box.
- Exit pcCUE.

CONFIGURATION

Applications
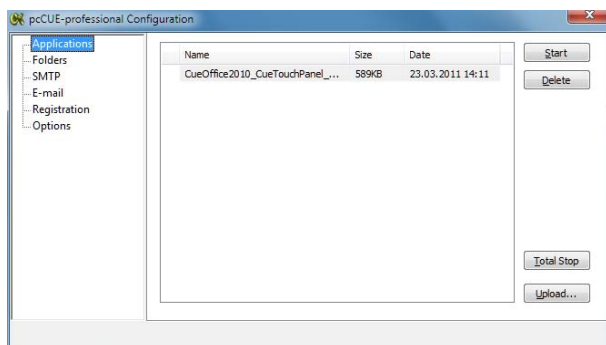
This window is used for managing of compiled Cue Visual Composer applications (*.cvca file). All uploaded applications are listed in this window, along with their file properties.

Button **Upload...** opens a dialog box where you can browse for appropriate file on your computer.

Button **Start** starts application selected in the list of applications. A "running flag" denotes the active application. Active application is automatically started after start of pcCUE.

Button **Delete** deletes application selected in the list box.

Button **Total stop** stops running application.

Folders
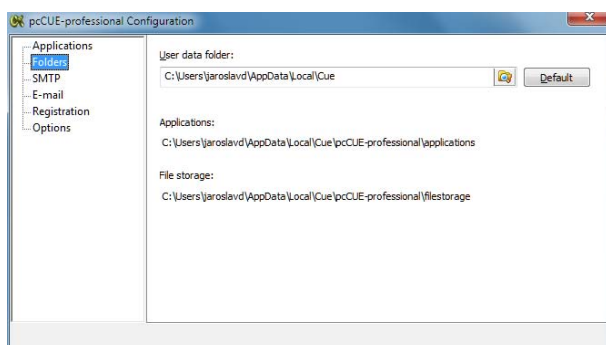
This window allows to define root folder where Applications and File storage are located.

SMTP
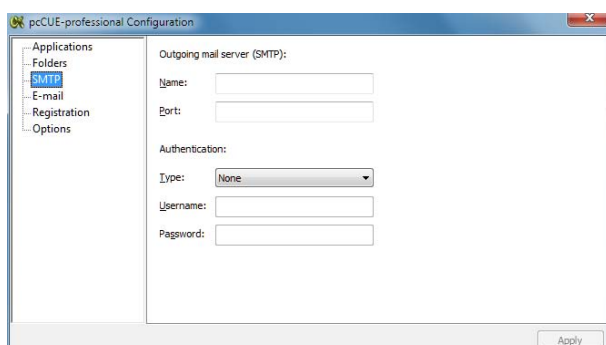
This window is used for setting parameters of SMTP server. Set a name or an address and the port of your SMTP server.

The SMTP server and port are used by the XPL2 commands EmailSend and PresetEmailSend.

E-mail

This window is used for setting of e-mail parameters and recipients addresses. The SMTP server must be set as described above.

The sender Name and E-mail are used as identification of your device. The recipient Names and E-mails are addresses of recipients, where e-mails will be sent using the XPL2 command PresetEmailSend.

Registration

This window is used for registration of the product. See chapter Order and Registration for more details.

Options

This window allows to set some optional parameters.

In current version automatic start of pcCUE on system startup can be checked.

www.cuesystem.com
support@cuesystem.com
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TROUBLESHOOTING

Error Message „Another pcCUE is already running" Appears.

If another pcCUE is running on the same PC, following message appears.
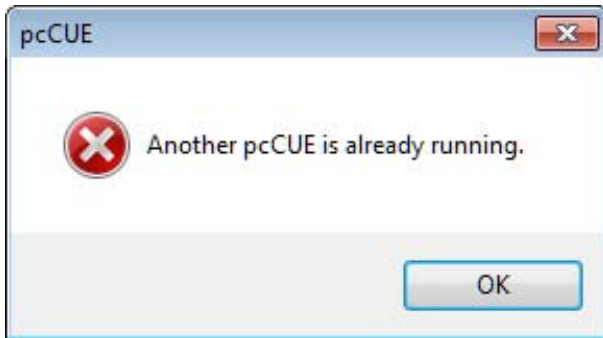
Only one instance of pcCUE can run at one time. Close pcCUE which is already running and start pcCUE again.

Note: the pcCUE can run on the same PC under different user profile. Check the pcCUE in conflict wether it doesn't run in different user profile.

pcCUE doesn't Communicate

If pcCUE doesn't communicate with the rest of control system

1. Double check, if pcCUE application was exported during the same final build as download of the system.

2. Check if Cue Visual Composer isn't running on the background.

For more details see chapter **How to Create Application**.

pcCUE doesn't Communicate after Switching User

If you switch user without logoff of previous user (Fast User Switching) and pcCUE in new user profile doesn't communicate with the rest of control system, it is necessary to stop pcCUE in other user profiles, because only one instance of the pcCUE can run on the PC at the same time. In this case we recommend to disable fast user switching possibility on your PC. Then every switching of the user will logoff previous user and stops all running applications incl. pcCUE.

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