

### Installation - instruction manual

Visualisation -and monitoring software CGVision and CEAG OPC-Server

For monitoring and digital control of CEAG emergency lighting systems

400 71 347 387(E)







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# 1. Installation manual

### Note: Please read this manual carefully before installing the software !

#### Installation CGVision and CEAG OPC-Server:

After inserting the installation CD, the auto-setup starts and following picture appears:

(Remark: The function "Auto-Setup" of the CD-Rom drive must be activated! If the installation does not start automatically, click >> Start, Run...<< and enter "x:\CGVisionSetup.exe". (x represents the name of your CD drive).

#### 💐 CGVision Setup



### CGVision Setup V3.01



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Setup Deutsch

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Setup Englisch

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To change to the menu, you have to accept the licence agreement. With a click on the button "Setup deutsch" or "Setup englisch" you will enter the menu.

### 1.1 Setup CGVision

Following picture CGVision Setup Version X.XX comes up:

Preparing:

Before installing the CGVision software, it is necessary to install the LON-USB Interface. Therefore connect the LON-USB Interface with a free USB-Port. The computer automatically finds new hardware, and an installation of a driver will follow. Please follow the instructions. It is recommended to select

"automatically search of driver on drives".

The driver of the LON-USB Interface is on the CGVision CD in the folder: CD-drive: \ CG-S USB Driver\ LonUsb.

CGVision Setup	
CEAG	CGVision Setup V3.01
Setup USB CG-S Interface	Please connect the Easylon USB Interface (CEAG CG-S - Interface) to your PC in order to install the driver. The driver is available on the setup CD in the folder "\CG-S USB Driver\LonUsb". Please follow the setup instructions.
Setup CGVision	CGVision will be installed on your PC. System requirements: Microsoft Windows 2000 or Microsoft Windows XP!
Setup OPC CG-S	The CEAG OPC server for ZB-S and CG2000 will be installed on your PC. A license key is needed to keep running the OPC for more than 120 minuites.
Setup OPC ZB96	The CEAG OPC server for ZB96 will be installed on your PC. A dongle is needed to keep running the OPC for more than 120 minutes.
Setup OPC GVL24.1/CG48	The CEAG OPC server for GVL24.1/CG48 will be installed on your PC. A dongle is needed to keep running the OPC for more than 120 minutes.
Automatic Setup	All programs will be installed on your PC automatically. Please, note the information above.
	End Install CEAG screensaver

Please note: It is not allowed to install the CGVision for more times (e.g.: update). It is necessary to deinstall the old version before installation of a new version !

## For a complete installation of CGVision with CEAG OPC-Server (Software interface), it is recommended to choose the installation via "Automatic Setup" (green button) !

This will first start the installation of CGVision, followed by the installation of CEAG OPC-Server. After the installation routine, the system will reboot to take over the required configurations.

The "Automatic Setup" is described on the next pages.

It is possible to do an individual installation of each component, that means CGVison or CEAG OPC-Server can be installed independently.

If the CGVison and the OPC-Server are installed individually, please note that the CGVision has to be installed first, and then the OPC-Server ! This is necessary, because only after installing of the OPC-Server a rebooting is required.

The individual installation is described in chapter 1.1.2, 1.1.3, 1.1.4 and 1.1.5 "manual installation"

### 1.1.1 Auto-Setup - CGVision, OPC CG-S, OPC ZB96 , OPC GVL/CG48

With the (green) button "Automatical Setup", the complete Installation for CGVision and the OPC-Server can start. Due to a technical restriction the following window appears first:



#### **CGVision:**

When the InstallShield Wizard starts, please continue with clicking "Next".



On the following picture the target directory will suggest the wizard. It is recommended to maintain the suggested directory.

Continue with "Next". (With "Change" you are able to change the target directory)

🔂 CEAG C	GVision - InstallShield Wizard 🛛 🛛 🔀
<b>Destinati</b> Click Nex	on Folder <t a="" change="" click="" different="" folder,="" folder.<="" install="" or="" td="" this="" to=""></t>
TostallShield -	Install CEAG CGVision to: C:\Programme\CEAG\cgvision\
112031211003	< <u>B</u> ack <u>Next</u> > Cancel

Continue with "Install":

🙀 CEAG CGVision - InstallShield Wizard	×
Ready to Install the Program The wizard is ready to begin installation.	G
If you want to review or change any of your installation settings, click Back. Click Cancel to exit the wizard.	
Current Settings:	
Setup Type:	
Destination Folder:	
C:\Programme\CEAG\cgvision\	
User Information:	
Name: CEAG	
Company: CEAG Notlichtsysteme GmbH	
InstallShield	
< <u>B</u> ack Install Cancel	

Controlpicture of the installation with a progress display:

🔂 CEAG CO	GVision - InstallShield Wizard
<b>Installing</b> The prog	ram features you selected are being installed.
i de la companya de l	Please wait while the InstallShield Wizard installs CEAG CGVision. This may take several minutes. Status:
InstallShield –	< <u>B</u> ack <u>N</u> ext > Cancel

The installation of CGVision has now finished. Please click "Finish", to exit the installation routine.



#### **OPC-Server CG-S:**

The window for the installation of the OPC-server appears again:



If an old version of CEAG OPC-Server is not installed, the installation can be continued with "Ja" (Yes).



After start of the installation, a message appears to close all Windows applications, before the installation is able to continue.

Continue with "Next".

In the following window you are able to type in your "Name" and your "Company". (max. 40 letters each field are allowed). Continue with "Next".

User Information		
	Please ente you work. N <u>a</u> me: <u>C</u> ompany:	r your name and the name of the company for whom           CEAG           CEAG Notlichtsysteme GmbH
		< <u>B</u> ack <u>N</u> ext > Cancel

Now you have the possibility to select the destination directory appears again. It is recommended to hold the default destination directory, as well. Continue with "Next":

Choose Destination Lo	cation 🔀
	Setup will install CEAG OPC Server V2.20 in the following folder. To install to this folder, click Next. To install to a different folder, click Browse and select another folder. You can choose not to install CEAG OPC Server V2.20 by clicking Cancel to exit Setup.
	C:\Programme\CEAG\OPCBrowse
	< <u>B</u> ack <u>Next</u> Cancel

A request of the icon name follows, please hold the suggestion. Continue with "Next":



Controlpicture of the installation with a progress display:



The installation is now completed. Continue with "Finish":



#### **OPC-Server ZB96:**

A window for the installation of the OPC-Server ZB96 appears. For installation continue with "Ja":



The installShield wizard starts, please continue with clicking "Next".



In the following window you able to type in your "Name" and your "Company". Continue with "Next".

🛱 CEAG ZB96 OPC Server - InstallShield Wizard	
<b>Customer Information</b> Please enter your information.	
User Name:	1
Organization: CEAG Notlichtsysteme GmbH	1
Install this application for:	
<ul> <li>Anyone who uses this computer (all users)</li> </ul>	
Only for <u>m</u> e (CEAG)	
InstallShield	ext > Cancel

Now you have the possibility to select the destination directory appears again. It is recommended to hold the default destination directory, as well. Continue with "Next":

🙀 CEAG Z	B96 OPC Server - InstallShield Wizard	×
<b>Destinati</b> Click Ne:	ion Folder xt to install to this folder, or click Change to install to a different folder.	
	Install CEAG ZB96 OPC Server to: C:\Programme\CEAG\ZB96 OPC Server\	
InstallShield -	< <u>B</u> ack <u>N</u> ext > Cancel	

Continue with "Install".

ở CEAG ZB96 OPC Server - InstallShield Wizard	×
Ready to Install the Program The wizard is ready to begin installation.	
If you want to review or change any of your installation settings, click Back. Click Cancel to exit the wizard. Current Settings:	
Setup Type:	
Destination Folder:	
C:\Programme\CEAG\ZB96 OPC Server\	
User Information:	
Name: CEAG	
Company: CEAG Notlichtsysteme GmbH	
InstallShield	
< <u>B</u> ack <u>I</u> nstall Cancel	

Controlpicture of the installation with a progress display:

🔂 CEAG ZE	396 OPC Server - InstallShield Wizard
<b>Installing</b> The prog	ram features you selected are being installed.
1 <del>1</del>	Please wait while the InstallShield Wizard installs CEAG ZB96 OPC Server. This may take several minutes.
	Status:
InstallShield –	
	< <u>B</u> ack <u>N</u> ext > Cancel

The installation of the CGVision and the OPC-Servers is now completed. Continue with "Finish":



#### OPC-Server GVL 24.1 / CG48:

A window for the installation of the OPC-Server  $\,$  GVL 24.1 / CG48 appears. For installation continue with "Ja":

CGVisio	nSetup 🔀
<b>(</b>	Ensure that there is no old version of the CEAG OPC server installed. Old versions of the OPC server must be uninstalled!
	Start the installation of the CEAG OPC server?
	<u>]a</u> <u>N</u> ein Abbrechen

The installShield wizard starts, please continue with clicking "Next".



In the following window you able to type in your "Name" and your "Company". Continue with "Next".

🔀 CEAG GVL24-CG48 OPC Server - InstallShield Wizard	×
Customer Information	
Please enter your information.	
User Name:	
CEAG	
Organization:	
CEAG Notlichtsysteme GmbH	
Install this application for: Anyone who uses this computer (all users) Only for me (CEAG)	
InstallShield	Cancel

Now you have the possibility to select the destination directory appears again. It is recommended to hold the default destination directory, as well. Continue with "Next":

🙀 CEAG G	/L24-CG48 OPC Server - InstallShield Wizard 🛛 🛛 🔀
<b>Destinatio</b> Click Nex	on Folder It to install to this folder, or click Change to install to a different folder.
	Install CEAG GVL24-CG48 OPC Server to: C:\Programme\CEAG\GVL24CG48 OPC Server\ Change
InstallShield –	< <u>B</u> ack <u>N</u> ext > Cancel

Continue with "Install".

😸 CEAG GVL 24-CG48 OPC Server - InstallShield Wizard 🛛 🛛 🔀
Ready to Install the Program
The wizard is ready to begin installation.
If you want to review or change any of your installation settings, click Back. Click Cancel to exit the wizard.
Current Settings:
Setup Type:
Destination Folder:
C:\Programme\CEAG\GVL24CG48 OPC Server\
User Information:
Name: CEAG
Company: CEAG Notlichtsysteme GmbH
InstallShield
< <u>B</u> ack Install Cancel

Controlpicture of the installation with a progress display:

🔂 CEAG G	VL24-CG48 OPC Server - InstallShield Wizard 📃 🗖 🔀
Installing The prog	ram features you selected are being installed.
1	Please wait while the InstallShield Wizard installs CEAG GVL24-CG48 OPC Server. This may take several minutes. Status:
InstallShield –	< <u>B</u> ack <u>N</u> ext > Cancel

The installation of the CGVision and the OPC-Servers is now completed. Continue with "Finish":



After the installation, the window "CGVision Setup" appears again. To leave the menu, click on button "End".

CGVision Setup	CGVision Setup V3.01
Setup USB CG-S Interface	Please connect the Easylon USB Interface (CEAG CG-S -Interface) to your PC in order to install the driver. The driver is available on the setup CD in the folder "CG-S USB Driver\LonUsb". Please follow the setup instructions.
Setup CGVision	CGVision will be installed on your PC. System requirements: Microsoft Windows 2000 or Microsoft Windows XPI.
Setup OPC CG-S	The CEAG OPC server for ZB-S and CG2000 will be installed on your PC. A license key is needed to keep running the OPC for more than 120 minutes.
Setup OPC ZB96	The CEAG OPC server for ZB96 will be installed on your PC. A dongle is needed to keep running the OPC for more than 120 minutes.
Setup OPC GVL24.1/CG48	The CEAG OPC server for GVL24.1/CG48 will be installed on your PC. A dongle is needed to keep running the OPC for more than 120 minutes.
Automatic Setup	All programs will be installed on your PC automatically. Please, note the information above.
	End Install CEAG screensaver

Following message appears ! Please note, that the PC is to reset manual via the start button of windows, to activate the changes !



### 1.1.2 Manual Installation - CGVision

### Setup CGVision:

CGVision Setup	CGVision Setup V3.01
Setup USB CG-S Interface	Please connect the Easylon USB Interface (CEAG CG-S - Interface) to your PC in order to install the driver. The driver is available on the setup CD in the folder "CG-S USB Driver\LonUsb". Please follow the setup instructions:
Setup CGVision	CGVision will be installed on your PC. System requirements: Microsoft Windows 2000 or Microsoft Windows XP!
Setup OPC CG-S	The CEAG OPC server for ZB-S and CG2000 will be installed on your PC. A license key is needed to keep running the OPC for more than 120 minuites.
Setup OPC ZB96	The CEAG OPC server for ZB96 will be installed on your PC. A dongle is needed to keep running the OPC for more than 120 minutes.
Setup OPC GVL24.1/CG48	The CEAG OPC server for GVL24.1/CG48 will be installed on your PC. A dongle is needed to keep running the OPC for more than 120 minutes.
Automatic Setup	All programs will be installed on your PC automatically. Please, note the information above.
	End Install CEAG screensaver

With the button "Setup CGVision" you can start the manual installation. The Installation wizard starts, please continue with "Next":

🔂 CEAG CGVision - InstallShield Wizard	
CEAG	Welcome to the InstallShield Wizard for CEAG CGVision
	The InstallShield(R) Wizard will install CEAG CGVision on your computer. To continue, click Next.
STAR TECHNOLOGIE	
	< Back Next > Cancel

In the next window the destination folder can be selected. It is recommended to hold the suggested destination folder.

Continue with "Next". (With "Change", it is possible to change the folder).

🔂 CEAG C	GVision - InstallShield Wizard 🛛 🛛 🔀
<b>Destinati</b> Click Ne>	on Folder :t to install to this folder, or click Change to install to a different folder.
	Install CEAG CGVision to: C:\Programme\CEAG\cgvision\
InstallShield -	< <u>B</u> ack <u>N</u> ext > Cancel

Continue with "Install":

🔂 CEAG CGVision - InstallShield Wizard	×
Ready to Install the Program The wizard is ready to begin installation.	ì
If you want to review or change any of your installation settings, click Back. Click Cancel to exit the wizard. Current Settings:	
Setup Type:	
Destination Folder:	
C:\Programme\CEAG\cgvision\	
User Information:	
Name: CEAG	
Company: CEAG Notlichtsysteme GmbH	
InstallShield < <u>B</u> ack Cancel	

Controlpicture of the installation with a progress display:

🔂 CEAG CO	GVision - InstallShield Wizard
<b>Installing</b> The prog	ram features you selected are being installed.
1 <del>6</del>	Please wait while the InstallShield Wizard installs CEAG CGVision. This may take several minutes.
	Status:
InstallShield –	
	< <u>B</u> ack <u>N</u> ext > Cancel

The installation of CGVision is now finished. Continue with "Finish".



Now the installation of the OPC-Server follows.

### 1.1.3 Manual installation OPC Server CG-S:

Setup OPC CG-S:

a cg	Vision Setup	CGVision Setup V3.01
	Setup USB CG-S Interface	Please connect the Easylon USB Interface (CEAG CG-S - Interface) to your PC in order to install the driver. The driver is available on the setup CD in the folder "\CG-S USB Driver\LonUsb". Please follow the setup instructions:
	Setup CGVision	CGVision will be installed on your PC. System requirements: Microsoft Windows 2000 or Microsoft Windows XPI
	Setup OPC CG-S	The CEAG OPC server for ZB-S and CG2000 will be installed on your PC. A license key is needed to keep running the OPC for more than 120 minuites.
	Setup OPC ZB96	The CEAG OPC server for ZB96 will be installed on your PC. A dongle is needed to keep running the OPC for more than 120 minutes.
	Setup OPC GVL24.1/CG48	The CEAG OPC server for GVL24.1/CG48 will be installed on your PC. A dongle is needed to keep running the OPC for more than 120 minutes.
	Automatic Setup	All programs will be installed on your PC automatically. Please, note the information above.
		End Install CEAG screensaver

With the button "Setup OPC CG-S" the installation of the OPC-Server will start. Following message appears:



If an old version of CEAG OPC-Server is not installed, the installation can be continued with "Ja" (Yes). Remark: Please note that it is not possible to install a new version above an old version of CEAG OPC-Server ! In this case, the old version is to deinstall before.

After starting of the installation, a message appears to close all Windows applications, before the installation will continue. Continue with "Next":



In following window you can type in your "Name" and your "Company". (max. 40 letters each field are allowed). Continue with "Next".

User Information		
	Please ente you work.	r your name and the name of the company for whom
	N <u>a</u> me:	CEAG
	<u>C</u> ompany:	CEAG Notlichtsysteme GmbH
		< Back Next > Cancel
		< <u>B</u> ack <u>N</u> ext > Cancel

Now you have the possibility to select the destination folder when it appears again. It is recommended to hold the default destination directory, as well. Continue with "Next":

Choose Destination Lo	cation 🔀
	Setup will install CEAG OPC Server V2.20 in the following folder. To install to this folder, click Next. To install to a different folder, click Browse and select another folder. You can choose not to install CEAG OPC Server V2.20 by clicking Cancel to exit Setup.
	Destination Folder C:\Programme\CEAG\OPC Browse
	< <u>B</u> ack <u>Next</u> Cancel

A request for the icon name follows, please hold the suggestion. Continue with "Next":

Select Program Folder	
Select Program Folder	Setup will add program icons to the Program Folder listed below. You may type a new folder name, or select one from the existing Folders list. Click Next to continue. Program Folders: CEAGWOPC Server Existing Folders: Autostart CEAG EPSON Falk Navigator TMC Edition FlashPath Matricon OPC
	Microsoft Office Tools Nero NLSuite
	Constant Nexts
	< <u>B</u> ack <u>N</u> ext > Cancel

Controlpicture of the installation with a progress display:



The installation has now finished. Continue with "Finish". Please note, that the PC is to reboot manually !



### 1.1.4 Manual Installation - OPC-Server ZB96

Setup OPC ZB96:

CEAG	CGVision Setup V3.01
Setup USB CG-S Interface	Please connect the Easylon USB Interface (CEAG CG-S - Interface) to your PC in order to install the driver. The driver is available on the setup CD in the folder '\CG-S USB Driver\LonUsb'. Please follow the setup instructions.
Setup CGVision	CGVision will be installed on your PC. System requirements: Microsoft Windows 2000 or Microsoft Windows XP!
Setup OPC CG-S	The CEAG OPC server for ZB-S and CG2000 will be installed on your PC. A license key is needed to keep running the OPC for more than 120 minuites.
Setup OPC ZB96	The CEAG OPC server for ZB96 will be installed on your PC. A dongle is needed to keep running the OPC for more than 120 minutes.
Setup OPC GVL24.1/CG48	The CEAG OPC server for GVL24.1/CG48 will be installed on your PC. A dongle is needed to keep running the OPC for more than 120 minutes.
Automatic Setup	All programs will be installed on your PC automatically. Please, note the information above.

A window for the installation of the OPC-Server ZB96 appears. For installation continue with "Ja".



The installShield wizard starts, please continue with clicking "Next".



In the following window you are able to type in your "Name" and your "Company". Continue with "Next".

🙀 CEAG ZB96 OPC Server - InstallShield Wizard	
<b>Customer Information</b> Please enter your information.	
User Name:	
Organization: CEAG Notlichtsysteme GmbH	
Install this application for:	
Anyone who uses this computer (all users)	
Only for me (CEAG)	
InstallShield	ext > Cancel

Now you have the possibility to select the destination directory appears again. It is recommended to hold the default destination directory, as well. Continue with "Next":

🛃 CEAG ZB96 (	OPC Server - InstallShield Wizard	×
<b>Destination Fo</b> Click Next to ir	older nstall to this folder, or click Change to install to a different folder.	
C:\P	all CEAG ZB96 OPC Server to: Programme\CEAG\ZB96 OPC Server\	
InstallShield ———	< <u>B</u> ack Next > Cancel	

#### Continue with "Install".

🙀 CEAG ZB96 OPC Server - InstallShield Wizard	×
Ready to Install the Program The wizard is ready to begin installation.	
If you want to review or change any of your installation settings, click Back. Click Cancel to exit the wizard. Current Settings:	
Setup Type:	
Destination Folder: C:\Programme\CEAG\ZB96 OPC Server\	
User Information: Name: CEAG Company: CEAG Notlichtsysteme GmbH	
InstallShield <u>Rack</u> Install Cancel	

Controlpicture of the installation with a progress display:

🔂 CEAG ZE	396 OPC Server - InstallShield Wizard
Installing The prog	gram features you selected are being installed.
17	Please wait while the InstallShield Wizard installs CEAG ZB96 OPC Server. This may take several minutes. Status:
InstallShield –	< <u>B</u> ack <u>N</u> ext > <b>Cancel</b>

The installation of the OPC-Server is now completed. Please click the button "Finish" to close the picture, and restart the PC "manual", to activate the changes.

🛃 CEAG ZB96 OPC Server -	InstallShield Wizard
	InstallShield Wizard Completed
	The InstallShield Wizard has successfully installed CEAG 2B96 OPC Server. Click Finish to exit the wizard.
	< Back Einish Cancel

### 1.1.5 Manual Installation - OPC-Server GVL 24.1 / CG48

### Setup OPC GVL24.1 / CG48:

CEAG	CGVision Setup V3.01
Setup USB CG-S Interface	Please connect the Easylon USB Interface (CEAG CG-S - Interface) to your PC in order to install the driver. The driver is available on the setup CD in the folder "CG-S USB Driver\LonUsb". Please follow the setup instructions.
Setup CGVision	CGVision will be installed on your PC. System requirements: Microsoft Windows 2000 or Microsoft Windows XPI
Setup OPC CG-S	The CEAG OPC server for ZB-S and CG2000 will be installed on your PC. A license key is needed to keep running the OPC for more than 120 minuites.
Setup OPC ZB96	The CEAG OPC server for ZB96 will be installed on your PC. A dongle is needed to keep running the OPC for more than 120 minutes.
Setup OPC GVL24.1/CG48	The CEAG OPC server for GVL24.1/CG48 will be installed on your PC. A dongle is needed to keep running the OPC for more than 120 minutes.
Automatic Setup	All programs will be installed on your PC automatically. Please, note the information above.
	End Install CEAG screensaver

A window for the installation of the OPC-Server GVL 24.1/CG48 appears.



For installation continue with "Ja".

The installShield wizard starts, please continue with clicking "Next".



In the following window you able to type in your "Name" and your "Company". Continue with "Next".

🔀 CEAG GVL24-CG48 OPC Server - InstallShield Wizard	×
Customer Information Please enter your information.	
User Name:	
Organization: CEAG Notlichtsysteme GmbH	
Install this application for:	
Anyone who uses this computer (all users)	
Only for me (CEAG)	
InstallShield	
< <u>B</u> ack <u>N</u> ex	xt > Cancel

Now you have the possibility to select the destination directory appears again. It is recommended to hold the default destination directory, as well. Continue with "Next":

🙀 CEAG G	VL24-CG48 OPC Server - InstallShield Wizard	X
<b>Destinati</b> Click Nex	ion Folder xt to install to this folder, or click Change to install to a different folder.	
	Install CEAG GVL24-CG48 OPC Server to: C:\Programme\CEAG\GVL24CG48 OPC Server\	
InstallShield -	< <u>B</u> ack <u>N</u> ext > Cancel	

Continue with "Install".

🔀 CEAG GVL24-CG48 OPC Server - InstallShield Wizard 🛛 🛛 🔀		
Ready to Install the Program The wizard is ready to begin installation.		
If you want to review or change any of your installation settings, click Back. Click Cancel to exit the wizard. Current Settings:		
Setup Type:		
Destination Folder:		
C:\Programme\CEAG\GVL24CG48 OPC Server\		
User Information: Name: CEAG		
Company: CEAG Notlichtsysteme GmbH		
InstallShield		
< <u>B</u> ack Install Cancel		

Controlpicture of the installation with a progress display:

🛃 CEAG G	VL 24-CG48 OPC Server - InstallShield Wizard
Installing CEAG GYL24-CG48 OPC Server The program features you selected are being installed.	
1	Please wait while the InstallShield Wizard installs CEAG GVL24-CG48 OPC Server. This may take several minutes. Status:
InstallShield –	< <u>B</u> ack <u>N</u> ext > Cancel

The installation of the CGVision and the OPC-Servers is now completed. Continue with "Finish":



### **1.2 UPDATE - Instruction**

- Backup of the last actual program configuration, group configuration and building layout, if required. From version V2.00, the complete backup of above mentioned configurations, can start in the menu "services" in the main group picture. In older releases, the backup is to start in the menu "services" in each device group pictuires.
- Deinstallation of the current CGVision and OPC-Server (red frame) in the menu "Software" of the windows "control setup":



During the deinstallation of the CEAG OPC-Servers V2.20 following message appears:

Remove Shared File?		
The system indicates that the following shared file is no longer used by any programs. If any programs are still using this file and it is removed, those programs may not function. Are you sure you want to remove the shared file?		
Leaving this file will not harm your system. If you are not sure what to do, it is suggested that you choose to not remove this shared component.		
File name: Comet132.ocx		
Located in: C:\WINDOWS\system32\		
Yes Yes To <u>A</u> ll <u>N</u> o No to All		

Continue with "No to All"
## **1.2 UPDATE-Instruction**

4. If a new installation of the CGVision is required, e.g. due to defect data bases of the CGVision, it is necessary , after a deinstallation of the CGVision, to delete the folders CGVision, GVL24CG48 OPC Server, OPC and ZB96 OPC Server (if present) in the windows explorer:

C:\Programs\C	CEAG\
---------------	-------



5. New installation of the CGV ision, which is described in the installation instruction

6. Programmkonfigurationen, Gruppenkonfigurationen und soweit vorhanden, die Grundrissprogrammierung wieder über das Menü "Dienste" im Hauptgruppenbild laden.

Notice: In case of an UPDATE of a CGVision older than V2.00, it is necessary to type in the OPC-key after the installation again !!

# 2. Instruction manual - CGVision

### General:

Preparation:

To **change the language** of the program to "english" or to an other language, it is necessary to change the settings (--> Einstellungen). See point h) "Settings" (see next pages),

To use the CGV ision as "full version", following steps are necessary:

1. In use of ZB-S / CG2000 emergency lighting systems, an Licence-Key is necessary. (see next pages). To get the connection to the emergency devices, the LON-Bus has to be connected to the USB-Interfacebox.

2. In use of EGA-emergency lighting systems (ZB96 / Euro ZB.1 / GVL24.1 / CG48) a licence key as hardware dongle for the printerport (LPT1) is necessary. (partno.:40071347150).

Without a.m. licences, the CGVision is only for use max. 120 min. in DEMO-mode. Operation:

CGVision can start with the button on the desktop "CGVision" or with "Start" -- "Programms" Please note that it can take some time for the start procedure. Following picture appears:

🐔 CEAG	CGVision V3.01 beta - CE/	AG Notlichtsysteme	GmbH	
Projekt				
		<u>×</u>		
				Grundriss
				Blockieren
				Freigeben
				BT starten
				BT stoppen
				FT starten
		8-		Dienste
				Drucken
				Version
		K		Einstellungen
				Konfiguration
				Beenden
1				
Gruppe Anlage Melde	ung	Datum	Status	
Bestätigen		L		
Alle Bestatigen				
Dienstag, 20.12.2005 08:52:04 1				10

The pictures shows 15 grey buttons. These can be assigned to "device groups (families), which are in basic configuration and are not configured.

In the right corner there are commando buttons in each picture for the settings of configurations.

With the button "Configuration" it is possible to configure up to 15 device groups with each max. 32 emergency devices in one device group.

## 2.1 "Main group picture"

## Structure of the main group picture:



Buttons for commandos and settings for configurations

CEAG	CGVision V3.01 beta - CEAG Notlich	itsysteme Gn	юн	
Project				
				1 minute
				Elevion
				Beleree
				Fristant
				Services
				Print
				Version
		_		Settings
				Configuration
				End
Group Device Messa	ge (R	leleased	State	
Acknowledge				
Acknowledge all				

a). "Layout" Link to the first building layout (option must be licenced for unlock).

b). "Block" all Systems (devices) can block.

c). "Release" all devices can be released.

d). "DT start" DT-Test can start for all devices.

e). "DT stop" DT-Test will stop for all devices.

f). "FT start" FT-Test (Functionstest) will start for all systems.

g). "Services" Different services for logbook and save/load of configurations

h)."Print" A screenshot will be printed.

i). "Version" Display of the current software version (Revision).

j). "Settings" Settings of the language(english-german) and Licencekey input.

k). "Configuration" Settings of configurations for all datas in the main group picture.

I). "End" Exit the programm. a). Load of building layouts, if available (option must be unlock, see chapter "building layout programming")

b) - f). Above described commandos (point b-f) are directly executable with a click on the button

g). "Services"

Zip and save of the logbook, and save or load of the program/building layout configuration

**h).** "Print" Print of a screenshot

i). "Version"

Display of the current version of software (Revision)



For technical questions, please present above software revisions if necessary.

#### j). "Settings"

Settings of the language and Licencekey input



**k).** "Configuration" Settings of configurations for all datas are stated in the main group picture.



After adding a new device group (point k).) in menu "configuration", the assigned button will show the type of device family (e.g.: ZB-S) and the status of the device group (coloured bar and text). This button is now active, and with a click on it, the next picture "**Device group picture**" will be opened.

1

CEAG	CGVision V3.01 beta - CEAG Notlichtsysteme GmbH	
Project Name of the	e project	
ZB-S	p 1	
		Layout
		Block
		Release
		DT start
		DT stop
		FT start
		Services
		Print
		Version
		Settings
		Configuration
		End
Group	p Device Message Released State	
Acknowledge		
Acknowledge all		
Tuesday, 20.12.2005 09:40:43		

#### I). "End"

The button "End" is to exit the programm. Please note that after exit, the logbook will not written further.

## 2.2 "Device group picture"

## Structure of the device group picture:



#### Functions of the buttons for commandos- or settings of configuration

CEAG	CGVision V3.01 beta	- CEAG Notlich	itsysteme GmbH		
Group Der Information	vice group 1	Next FT	/ :00	Next DT	/:00
					Layout
					Block
					Release
					DT start
					DT stop
					FT start
					Manual Recet
					Timer
					Logbook
					Services
					Print:
					Configuration
					bask
Group 1	Type ZB-S				
G	roup Device Message	F	Teleased State		
Acknowledge Acknowledge all					
uesday, 20.12.2005 11:21:	59 2				

a). "Layout" Link to the first building layout of the device group (option must be licenced for unlock).

b). "Block"

c). "Release"

all devices of the device group can be blocked.

all devices of the device group can be released. d). "DT start"

a DT-test (duration test) for the devices of the device group can be started.

e). "DT stop" a DT-test (duration test) for the devices of the device group can be stoped.

f). "FT start" a FT-test (function test) for the devices of the device group can be started.

g)."Manual reset" reset for devices which are waiting for a manual reset (e.g. deep discharge protection).

h)."Timer" Configurationsmenu for Timer 1 and Timer 2.

i)."Logbook"
 Voluminously management of the logbook from each device group.

j). "Services" Different services of the logbook and configuration.

k)."Print" A screenshot will be printed.

 "Configuration" Settings of configurations for all datas in the device group picture.

m). "Return" Back to the main group picture.  a). Load of building layouts in this device group, if available (option must be unlock, see chapter "building layout programming")

b-g). Above described commandos (point b-g) are directly executable with a click on the button

### h)."Timer" Configurationsmenu for Timer 1 und Timer 2



#### TIMER 1:

With Timer 1 it is possible to switch the luminaires on (ON = Button yellow), if the circuits or luminaires are programmed in Timer 1.

The configuration can be selected with the button "Configuration Timer 1".

#### TIMER 2:

With Timer 2 it is possible to switch off the circuits or luminaires, which are programmed as Timer 2, on the selected days.

E.g.: on weekends or holidays where the object is no occupied.

The configuration can be selected with the button "Configuration Timer 2".

## h)."Logbook" Voluminously management of the logbook of the device group

Logbo	ok						×
Eve	nts All Selection	$\mathbf{k}$	Start of manual function test Start of automatic function test End of function test Cancel function test Start of manual duration test Start of automatic duration test End of duration test Cancel duration test Luminaire failure DC Circuit current I < Imin		Date Time Device Name comment	01.01.2001     -       00:00     -       All.	26.05.2003 23.59 Take over
No.	Date	Time	Event	Comment			
1 1 1 1 1 1 1 1 1 1	29.04.03 29.04.03 29.04.03 29.04.03 30.04.03 30.04.03 30.04.03 30.04.03 30.04.03 30.04.03 30.04.03 30.04.03 30.04.03 30.04.03 01.05.03 01.05.03 02.05.03 02.05.03 03.05.03 04.05.03	11:27:22 11:29:25 11:31:35 11:35:56 15:00:04 15:00:03 15:02:33 15:02:33 15:04:38 15:17:08 15:17:08 15:19:13 16:40:17 16:42:18 15:19:19 15:17:08 15:19:19 15:17:10 15:19:17 15:17:11	Blocking (S1S2) Start Start of manual function test Blocking (S1S2) End End of function test Blocking (S1S2) Start Blocking (S1S2) Start Start of manual function test Blocking (S1S2) End End of function test Start of automatic function test End of function test Start of manual function test End of function test Start of manual function test End of function test Start of automatic function test End of function test				
	1 k		<ul> <li>✓ Total: 158</li> </ul>	K (<	20	Go to	
			Save	Open	Print		OK

The logbook contains a lot of functions. For example it is possible to enter the logbook to select special events (e.g.: display only "luminaire failure DC").

These provide a good view of desired events. The selection of events is possible in above left area of the screen. To show desired events in a list, it is necessary to press "overtake" after selection of events.

Remark: More than 1 event can be selected with "Ctrl + left mouse button. Select with o Selection (see above).

With choosing the event "luminaire failure DC"	, the status of the luminiare will
pictured in a seperate window:	

Luminaire failure	×
SK:1	
1: Test-LON Leuchte 3: RZ 51011 20: SL 57011	
OK	

Furthermore it is possible to select entries of the logbook in accordance with date or time, e.g. to have a look, what is happening on an actual day.

With the button "comment" it is possible to add comments in the print out of the logbook.

With the select buttons "Safe", "Open" and "Print" the logbook can be put onto the hard drive disk and you can therefore open a saved logbook data on the hard drive disk. All logbookentries can be printed out.

## j). "Services"

Services		X
	ZIP log book and save	1
	un ZIP log book and load	
	Delete logbook	
	save program configuration	
	load program configuration	
	Save group configuration	
	Load group configuration	
	safe building layout	
	load building layout	
	Import CGP-building layout	
	Print group configuration	
	Print group status	
	Print devices with error	
	······	
	LUN	

In the submenu "Services" in the device group picture it is possible to zip and save the logbook on the harddrive or on a floppydisk.

Furthermore it is possible to save (and reload) the group configuration on the harddrive or floppydisk.

With the buttons "safe program configuration" and "load program configuration", it is possible to save or to load the current settings, e.g. language, no. of the installed devices etc.

After a saving of the program configuration, a question comes automatically, to save the individual (installed) device groups configurations.

It is further possible to save, load or print the device configurations from a hard drive or an external memory device. For these functions use the buttons "save group configuration", load group configuration" or "print group configuration".

Important:

Please note that to reload of a group configuration will overwrite the current configuration !

It is recommended to save the current group configuration on the harddrive, before starting a reload.

### k)."Print"

A screenshot will be printed.

### I). "Configuration"

Settings of configuration for all datas in device group picture

Configuration group	×
No.         Type         Name           01         02         03           04         05         06           06         07         08           09         10         11           11         12         13           14         15         16           17         18         19           19         19         19	Group name         Device group 1         Group information         Next battery duration test         01.01.2000         Distance         1         Month         Next function test         01.01.2000         1         10:01         istance         1         Distance         1         Distance         1         Distance         1         Days         Password
System adress       System type       System name       NeuronID       Address       0       Take over       Delete       PC < ZB-S	r 3: Text LoeschenAlle not fo PC> ZB-S
ОК	Cancel

To add a emergency device please mark in the field of the device the no., this field will be pictured darkblue. Now in below part a type of system can be selected.

It is necessary to type in the Neuron ID, otherwise the entry will not be taken over !

The Neuron ID can be read out in the control unit of the device, and you can find it in the instruction manual of the device.

The device no. in the CGVision and the device address on the system at site, must be see same !! Press the button "Take over" to confirm the new settings. To add new systems, please continue with above explained procedure.

To delete a device, please mark the correlatively device (darkblue), and press the button "Delete".

In the right part it is possible to configurate the next tests (FT/DT) of the device. Furthermore the picture can be protected by a password.

To end the configuration, press button "OK" --> back to device group picture. To save the new configuration, it is necessary to restart the programm. CGVision will automatically ask; confirm with "YES", the program restarts.

#### It is recommended, to install all systems first, before a restart is necessary.

## To I). "Configuration"

Download of the complete device configuration

After a installation of one or more devices, it is necessary to load the current device Configuration (e.g. installed SKU / luminaires...) !

This is possible in the picture "configuration group". First the device is to select (dark blue), and the button PC  $\leftarrow$  ZB-S will download the current complete configuration of the device.

	1		
Configuration group			X
No.         Type         Name           01         ZB-S         02           03         04         05           06         07         08           09         10         11           12         13         14           15         16         17           18         19         19		Group name Device group 1 Group information Next battery duration to 01.01.2006	est 10:00 * 1 Month 10:01 * 1 Days
System adress 1 System type ZB-S System name NeuronID 0009737290 Address 1 Take over PC < Z	0 Delete 28-S	r 3: Text L PC> ZB-S	.oeschenAlle not fo
Start learn cur. value			
		Cancel	

After adding a new device (point I).) in the menu "configuration group", the assigned button will show the type of device (family) and the status of the device (coloured bar and text).

This button is now activ, and with a click on it, the next picture "device picture" will open.

CEAG		CGVision V3.01 beta	- CEAG Not	lichtsysteme Gn	nbH		
Group De	vice group 1		Next FT	21.12.2005 / 1	0:01	Next DT	1.1.2006 / 10:00
Information							
-	ZB-S					1	
Operation							
							Layout
							Block
							Release
							DT start
							DT stop
							FT start
							Manual Reset
							Timer
							Logbook
							Services
							Print
							Configuration
							Digitik.
Group 1	Type ZB-S				La		
G Acknowledge	iroup  Device  Message			Heleased	State		
Acknowledge all							
Turnel							
ruesuay, 20.12.2005 13:43	10T   2						

# 3 Device family CG2000

## 3.1 "Device picture"

## Structure of the device picture:



Alarmlist with possibility of acknowlede (identical with picture of main group picture)

#### Functions of buttons for commando- or settings of configuration



Monday, 26.05.2003 13:17:17 2

a). "Block" The device can blocked

b). "Release" The blocked systems can release.

c). "DT start" Duration Test for the device can be started.

d). "DT stop" Duration Test for the device will be stoped.

e). "FT start" Function Test for the device will start.

f)."Quit deep discharge protection " Acknowledge a deep discharge protection.

g)."Manuel reset" reset for the device if it is waiting for a manual reset.

h)."DLS/TLS/3PhW" Menu for Configuration DLS / TLS / and 3Phasemonitor

i)."LON-switches" Menu for connection of external LON-switches.

j). "Services" Different services for the logbook and for configuration.

k)."Print" A screenshot will be printed.

I). "Configuration" Settings of configuration for all datas in the device picture.

m). "Return" Back to the device group picture. a). - g). Above described commandos (point a-g) are directly executable with a click on the button

## h)."DLS/TLS/3PhW" Menu for configuration of DLS / TLS / and 3Phasemonitor

	Representation of	f DLS-modules			
🐔 CEAG	CGVision V1	L 01 - CEAG Sicherheitstech	nnik GmbH		
Gruppe Anlagengruppe 1 Anlage Information		nächster FT <b>1.1.20</b> 0 Handrückschaltung	00 / 10:01 r Nein ≀	nächster BT <b>1.1.200</b> Jachlaufzeit	10 / 10:00 min
1       Nicht installierti       2       Nicht         1       2       3       4       5         3       4       5       7       Nicht         1       2       3       4       5         6       Nicht installierti       7       Nicht         2       3       4       5         3       4       5       5         Gruppe       1       Typ       C62         Bestäligen       Gruppe       Anlage       Me         Alle Bestäligen       1       Ub       1	installiert	ercl	5 Nicht installie 1 2 3 4 5 10 Nicht installie 1 10 Nicht installie 1 2 3 4 5 10 Nicht installie 1 2 3 4 5 5 10 Nicht installie 1 2 3 4 5 5 5 6 6 7 7 8 8 8 7 8 8 8 8 8 8 8 8 8 8 8 8 8		Drucken zurück
Dienstag, 29.04.2003 17:09:34 2 To o configurat click the DLS-	pen the toin window, name of the module	DLS/TLS-Konfiguration ( Modul installiert?	Gruppe 01 / Anlage 0	1 / DLS-TLS 04)	
DLS-Configuration: Due to the hardware structure, DLS-Modules are only installable on New installed modules can "upgrade via "PC ← CG2000". In the DLS / TLS configuration of the CGVision, it is possible to type additional informations.	the device! " on the CGVision e in the name and	C DLS intem C DLS extern C DLS/3PH extern C TLS extern Nachlaufzeit Kanal 1	Y	Kanal 2	
		PC> CG2000	PC < CG	2000	Abbruch

## i)."LON-Switches" Menu for connection of external LON-switches

								17.1.200	)4/9	:00		4.7.2004	/ 10:00	
									No				0	
		tion												
						LON-Sw	itches							
1	5/1	Not installed	-	11	7/1	Not installed!	_	21	9/1	Not installed	()			
2	5/2	Not installed!		12	7/2	Not installed!		22	9/2	Not installed				
3	5/3	Not installed!		13	7/3	Not installed!		23	9/3	Not installed	[			
4	5/4	Not installed!		14	7/4	Not installed!		24	9/4	Not installed				
5	5/5	Not installed!		15	7/5	Not installed!		25	9/5	Not installed				
6	6/1	Not installed!		16	8/1	Not installed!		26	10/1	Not installed				
7	6/2	Not installed!		17	8/2	Not installed!		27	10/2	Not installed				
8	6/3	Not installed!		18	8/3	Not installed!		28	10/3	Not installed				
9	6/4	Not installed!		19	8/4	Not installed!		29	10/4	Not installed			Conseller	
10	6/5	Not installed!		20	8/5	Not installed!		30	10/5	Not installed			Dhuickei	m
													onfigura	lion
													Return	i i
Gro	up	1 Type C	62000											
Bestätig	len	Gruppe Anlage	Meldung					Datum	-	Status				
Alle Bes	tätigen							/						
							/							

#### Configuration of external LON-sensors:

It is possible to configurate up to 30 external LON-sensors (e.g. switches) to DLS-addresses. Due to software restrictions, the addresses of the DLS-modules 5-10 are used ! t.m. LON-switch no.1 uses the DLS-address of module 5 - Input 1 and so on. **IMPORTANT !:** It is not possible to use a DLS-address for LON and DLS at the same time ! To use the function "LON-switch", it is necessary to activate on the CG2000 in the menu: Basic setup // Connection to BMS --> LON-Schwitches: YES This function can also activate on the CGVision in the menu I.)"Configuration" of the device picture.

A integration of external LON-sensors is to do from a certified LON-integrator!

#### LON-switch (Group 01 / System 01) × No. DLS inst. Name (5/1) 1 \* 23456789 (5/2) 5/3 5/4(671 (674 10 11 12 13 14 [7/2 (7/3) • (7/4) No. DLS Name Take over ÖK Cancel

## j). "Services" Different services for the logbook and for configuration



The menu "Services" is identical with the menu "Services" in the device group picture, with the difference that the printing of the status is only for the individual device.

A description for saving/loading of program configurations / group configurations, you will find in chapter 2.2 "device group picture" in j) "services".

## I. "Configuration System" (device)



## 3.2 "Circuit picture"

Installed circuits are shown as colour pictured buttons. To entry in the desired circuit level, please click on a button

CEAG		CGVision V1.0	1 - CEAG Sicherl	neitstechnik G	mbH			
Group C	EAG Marketing		Next FT	26.5.2003 / :	15:17		30.4.200	4 / 10:00
Device T	est		Manual rese		No		ains return	0 n
Information	Marketing							
Operation 🗖					Circuit	$\sum$		Block
FTest								Release
DTest	Charger		3 fas	e monitoring				DT start
Failure					2			DT stop
rost.		DC/	Delay	on mains ret.	] 3 🛄			FT stient
•	•				4		Quit	deep disch, pro
	Battery U 57.50 V				5			Manual reset
CG 2000	I 0.00 A	150	L P	$\mathbf{\bigcirc}$	6			LS/TLS/3PhW
3-12	T 22.50 °C	T í			7			.ON switches
		-	Mairis					Services
					•	_		Print
	Deep discharge prot.	Manual reset	LON RS485	CGS - Bus	] 10			Configuration
								Return
Group 1	Type CG2000 Devi	ce 1						
knowledge	Group Device Message			Released	State			
rpowledge all								
nomougo di								

### Structure of a circuit picture



## Configuration of circuits and luminaires

Configuration of circuits:	Circuit configuration (Group 01 / System 01 / Circuit 01)
	Name Stromkreis 1
Input of circuitname and additional inform	Information
Setting of the monitoring mode	Monitoring C CG-monitoring C Current value monitoring %
Programming of circuit mode Description see manual of the device	Switch 1 C Non-maintained light C Maintained light (mains) C Per luminaire set up C Timer 1 C Timer 2 C Timer 1+2 C DLS C TLS C TLS C TLS C TLS C TLS C Sphase monitor
Configuration of the luminaires:	PC → CG2000 PC ← CG2000 Cancel
	CG monitored luminaire
Input of luminaire name and additional informations	Name SL 51011
	Information
Switching mode	<ul> <li>With out CGS (maintained light)</li> <li>Non-maintained light</li> <li>Maintained light</li> </ul>
Programming of luminaires Description see manual of the device	Switch 1   C Timer 1   C Timer 2   C Timer 1+2   C DLS   DLS internal 1   LON-switch
	PC> CG2000 PC < CG2000 Cancel

## 3.3 General displayoptions

The status of devices respective components are shown coloured in all pictures.

- "Green" is "OK"
- "Red" is "Failure" in the referred section.
- "Yellow" is for "switched on", e.g.: circuit is switched on.
- "Grey" is for "switched off",e.g. Luminiare is switched off "non-maintained mode"





Luminaire no.20 is switched off "non maintained mode" (grey)

# 4 Device family ZB-S

## 4.1 "Device picture"

## Structure of the device picture:



Alarmlist with possibility of acknowledge (identical with picture of main group picture)

#### Functions of buttons for commando- or settings of configuration



Fryday, 09.01.2004 14:09:33 1

a). "Block" The device can be blocked

b). "Release" The blocked systems can be released.

c). "DT start" Duration Test for the device can be started.

d). "DT stop" Duration Test for the device will be stoped.

e). "FT start" Function Test for the device can be started.

f). "Quit deep discharge protection " Acknowledge a deep discharge protection.

g)."Manuel reset" reset for the device if it is waiting for a manual reset.

h)."DLS/TLS/3PhW" Menu for Configuration DLS / TLS / and 3Phasemonitor

i)."LON-switches" Menu for connection of external LON-switches.

j). "Services" Different services for the logbook and for configuration.

k)."Print" A screenshot will be printed.

I). "Configuration" Settings of configuration for all datas in the device picture.

m). "Back" Back to the device group picture. a). - g). Above described commandos (point a-g) are directly executable with a click on the button

## h)."DLS/TLS/3PhW" Menu for configuration of DLS / TLS / and 3Phasemonitor

	Representation	n of DLS-modules
CEAG	CGVisia	ion V 1.02 - CEAG Notlichtsysteme GmbH
Group Anlagengruppe 2 Device Information	2	Next FT 1.1.2004/10:01 Next DT 1.1.2004/10:00 Manual reset No Delay on mains return 0 min
1         Not installed!         2         Not           1         5         1         1         2           2         6         3         7         3         3           4         8         4         8         4         8           5         1	installed!	alled!       4       Not installed!       5       Not installed!         5       6       2       6       2       6         7       8       4       8       8       8         alled!       9       Not installed!       1       5       6         7       8       9       Not installed!       1       5       6         8       9       Not installed!       1       5       6       7         8       9       Not installed!       1       5       6       7       8       6       7       8       6       7       8       6       7       8       6       7       8       6       7       8       6       7       8       6       7       8       6       7       8       6       7       8       6       7       8       6       7       8       6       7       8       9       10       Not installed!       1       12       6       6       7       9       12       12       12       12       12       12       12       12       12       12       12       12       12       12       12 <t< th=""></t<>
Bestäligen Gruppe Anlage M Alle Bestäligen Fryday, 09.01.2004 14:10:21 13	leldung	Datum Status
To c configura click the DLS	open the atoin window, name of the -module	DLS/TLS-configuration (Group 02 / System 04 / DLS-TLS 01)         Module installed?         Name         Interview
DLS-Configuration: Due to the hardware struc DLS-Modules are only ins device! New installed modules can CGVision via "PC ← ZB-S n the DLS / TLS configura of the CGVision, it is poss name and additionell informations.	eture, tallable on the n "upgrade" on the 5°. ation ible to type in the	Information   DLS external  DLS/3PH ext.  TLS external  Delay on mains return  Channel 1  Channel 1  Channel 2

## to h)."DLS/TLS/3PhW" Selection of DLS-module 11 - 25

CEAG

112000

16 \*\*\*

Group 2 Bestilligen Alle Bestilligen

			DLS-module 11 - 25
CEAG	CGVision V1.02 -	CEAG Notlichtsysteme GmbH	
Group A Device Information	nlagengruppe 2	Next FT <u>1.1.2004 / 10:01</u> Ne Manual reset <mark>No</mark> De	xt DT 1.1.2004/ 0:00
Not installed!           1         5           2         6           3         7           4         8	2         Not installed!         3         Not installed!         1           1         5         6         6         6         6           2         6         6         7         6         6         6           3         7         5         3         7         6<	4         Not installed!         5         Not installed!           1         5         2         6         2         6           3         7         8         3         7         4         8	
6 Not installed 1 5 2 6 3 7 4 8	7         Not installed!         8         Not installed!           1         5         1         5           2         6         2         6           3         7         3         7           4         8         4         8	9         Not installed!         10         Not installed!           1         5         2         6           3         7         3         7           4         8         4         8	DLS/TLS 11-20 DLS/TLS 21-25 Print: Dadk
Group 2 Bestätigen	Typ ZB-S US Device 4	Davim Status	
Alle Bestätigen			
Fryday, 09.01.2004 14:10	bdule 11 - 20	DLS	-module 21 - 25
CGVIsian Anlagengruppe 2	VL02- CEAG Nutlichtsysteme GmbH Next FT 1.1.2004/10:01 Next 07 1.1.2004/10:00 Manual reset 20 Cetlay on mans return 0 mm	CEAG Cov Group Anlagengruppe 2 Dence Information	tilen V1.02 - CEAG Notlichtsysteene GmbH I lent P.7 11.12004 / 10.01 Perc D.7 11.12004 / 10.00 Manual reset 20 Cetay on mains return. D. min
		21 structure 1 structure 1 structure 2 2 structure 2 5 structu	And at a second at
1 5 6 10 Device 4		Group 2 Typ 28-5 US Device 4	4点(用点 1-10) 第4点(用点 1-20) 「177 1887
Gruppe Anlage Meldung	Outum Status	Bestäligen Alle Bestäligen	Datum Status
10.45   14_3		Pryday, 09.01.2004 14:11:01 14.2	

Selection of

## i)."LON-Switches" Menu for connection of external LON-switches

	Anlagengr	uppe 2				1.1.200	4/10:01	Next D	т 1.1.20	004 / 10:00
							No	Delay		urn <mark>0 m</mark>
			LON	swite	ches					
				1						
	1	Not installed!		9	Not install	edi				
	2	Not installed!		10	Not install	adi				
	4	Not installed!		12	Not install	edi	_			
	5	Not installed!		13	Not install	ed!				
	6	Not installed!		14	Not install	edi				
	7	Not installed!		15	Not install	ed!				
	8	Not installed!		16	Not install	ed!				
				-	<u></u>					
										Dauckers
									-	Carling
										Comiguration
										Return
Group 2	Tyr	7B-S US Anla	ne 4							
Group 2	Тур	<mark>ZB-S US</mark> Anla	ge <mark>4</mark>							
Group 2	Тур	ZB-SUS Anla	ge <mark>4</mark>			10.				
Group 2 Bestätigen	Typ Gruppe Ar	Iage Meldung	ge 4			Datum	Status			
Group 2 Bestätigen Alle Bestätigen	Typ Gruppe Ar	ZB-S US Anla	ge 4			Datum	Status			
Group 2 Bestätigen Alle Bestätigen	Gruppe Ar	Iage Meldung	ge <mark>4</mark>			Datum	Status			
Group 2 Bestätigen Alle Bestätigen	Gruppe Ar	ZB-S US Anla	ge 4			Datum	Status			
Group 2 Bestätigen Alle Bestätigen ryday, 09.01.2004 14	Gruppe Ar	2B-S US Ania	ge 4			Datum	Status			
Group 2 Bestätigen Alle Bestätigen rydey, 09.01.2004 14	Gruppe Ar 6112:04	2B-S US Ania	ge 4			Datum	Status			
Group 2 Bestätigen Alle Bestätigen ryday, 09.01.2004 14	Gruppe Ar	ilage Meldung	ge 4			Datum	Status			
Group 2 Bestätigen Alle Bestätigen ryday, 09.01.2004 14	Typ Gruppe År H12:04	IZB-S US Anla	ge 4		-switch (f	Datum	Status	1)		
Group 2 Bestätigen Alle Bestätigen ryday, 09.01.2004 14	Typ Gruppe År 4:12:04 of exte	Image     Meldung       14_1	ge 4		N-switch (D	Datum	Status	1)		
Group 2 Bestätigen Alle Bestätigen ryday, 09.01.2004 14 figuration ossible to c	Typ Gruppe Ar H12:04 of exte	ZB-S         US         Anla           Hage         Meldung         14_1           Itage         The second secon	ge 4		-switch (C	Datum	Status	1)		
Group 2 Bestätigen Alle Bestätigen ryday, 09.01.2004 14 Ifiguration ossible to o LON-ser	Typ Gruppe Ar +12:04 of exter configur nsors (e	Idage     Meldung       14_1       ernal LON-ser       ate up to 16 e       .g. switches).	ge 4		No. ir	Datum iroup 02	Status / System 0 Name	1)		
Group 2 Bestätigen Alle Bestätigen ryday, 09.01.2004 14 figuration ossible to o LON-ser	Type Ar Gruppe Ar th:12:04 of exter configur nsors (e	ZB-S     US     Anla       Hage     Meldung       14_1   ernal LON-ser ate up to 16 e e.g. switches).	ge 4		No. ir 1 -	Datum iroup 02	Status / System 0 Name	1)		
Group 2 Bestätigen Alle Bestätigen ryday, 09.01.2004 14 figuration ossible to o LON-ser	Type Ar Gruppe Ar +:12:04 of exte configur nsors (e	ZB-S     US     Anla       ilage     Meldung       14_1   ermal LON-ser ate up to 16 e e.g. switches).	ge 4		No. ir 1 - 2 - 3 -	Datum iroup 02	Status / System O Name	1)		
Group 2 Bestätigen Alle Bestätigen ryday, 09.01.2004 14 figuration ossible to o LON-ser	Type Ar Bruppe Ar 4:12:04 of exte configur nsors (e	ZB-S     US     Anla       ilage     Meldung       14_1   ermal LON-ser ate up to 16 e e.g. switches).	ge 4		No. ir 1 - 2 - 3 - 4 -	Datum iroup 02	Status / System 0 Name	1)		
Group 2 Bestätigen Alle Bestätigen ryday, 09.01.2004 14 figuration ossible to c LON-ser	Type Bruppe Ar 4:12:04 of exte configur nsors (e	ZB-S     US     Anla       ilage     Meldung       14_1   ermal LON-ser ate up to 16 e .g. switches).	ge 4		No. ir 1 - 2 - 3 - 4 - 5 - 6 -	Datum iroup 02	/ System 0 Name	1)		
Group 2 Bestätigen Alle Bestätigen ryday, 09.01.2004 14 figuration ossible to o LON-ser	Type Ar Gruppe Ar of exter configur nsors (e	2B-S       US       Anla         Hage       Meldung         14_1         ernal LON-ser         ate up to 16 e         .g. switches).         switch", it is n	ge 4		No. ir 1 - 2 - 3 - 4 - 5 - 6 - 7 -	Datum iroup 02	/ System 0 Name	1)		
Group 2 Bestätigen Alle Bestätigen ryday, 09.01.2004 14 figuration ossible to o LON-ser the function o activate o	Type Ar Gruppe Ar of exter configur nsors (e n "LON- on the Z	2B-S       US       Anla         Hage       Meldung         14_1         ernal LON-ser         ate up to 16 e        g. switches).         switch", it is n         B-S in the me	ge 4 nsors: xternal eccessary nu:		No. ir No. ir 1 - 2 - 3 - 4 - 5 - 6 - 7 - 8 - 9 -	Datum iroup 02	/ System 0 Name	1)		
Group 2 Bestätigen Alle Bestätigen ryday, 09.01.2004 14 figuration ossible to o LON-ser the function o activate o <i>Basic setu</i> ,	Type Ar Gruppe Ar of exter configur nsors (e n "LON- on the Z p // Con	2B-S       US       Anla         Hage       Meldung         14_1         armal LON-ser         ate up to 16 e        g. switches).         switch", it is n         B-S in the me         ancertion to BM	ge 4 nsors: xternal eccessary nu: /S		No. ir No. ir 1 - 2 - 3 - 4 - 5 - 5 - 6 - 7 - 8 - 9 - 10 -	Datum	Status	1)		

This function can also activate on the CGVision in the menu I.)"Configuration" of the device picture.

A integration of external LON-sensors is to do from a certified LON-integrator!



## j). "Services"

Different services for the logbook and for configuration



The menu "Services" is identical with the menu "Services" in the device group picture, with the difference that the printing of the status is only for the individuell device.

A description for saving/loading of program configurations / group configurations, you will find in chapter 2.2 "device group picture" in j) "services".

## I. "Configuration system" (device) a). General

	Input of devicename and additional informations	
C	Configuration system (Group 02 \System 01 / ZB-S)	×
	General Charger Settings Relay Operation time	Function keys Option inputs Timer
	Name	
	Information	
	Address 1 0 - 32	
	Substation set up (available from 09/2003)	
	Group 0 0 · 15	S1/S2-Master
	CEAG_ZBS.DLL V1.06 16.01.2004	
	Start DLS/TLS searching	Start luminaire searching
	PC> ZB-S PC <	ZB-S Cancel
With chan With dowr devic <u>conf</u> pictu	the button "PC> ZB-S" it is possible to sent all ged configurations to the device. the button "PC < ZB-S" it is possible to nload all current configurations (control unit) of the ce. <u>A download of the complete device</u> iguration, is only possible in the device group ire ! (see page 50)	Option: DLS/TLS searching and lum. searchingButtons to start of "DLS/TLS searching" and "luminiaresearching", like is possible on the device at site.Please note !:After process of the functions, it is necessary todownload the configurations of the device again.Following pictures appears:DLS - searchluminaire search
5tart DL5,	/TLS searching  This process will delete the existing configuration files. Installed DLS/TLS modules will be searched automatically. After completion of this function all configuration files of this device must be load again! (Configuration system: PC <- ZB-S) Are you sure?	Start luminaire searching       Image: Start luminaire searching         Image: Start luminaire searching       Image: Start lumina
	<u>Ja</u> <u>N</u> ein	<u>la</u> <u>N</u> ein

zu I. "C b). Cha	onfiguration system" (device) rger	Display of the battery capacity in Ah and no. Of the installed charging booster (if a charger is installed)
Charger installed = Central battery system Charger not installed = Substation	Configuration system (Group 02 / System 01 / ZB-S) General Charger Settings Relay Operation time Charger Battery capacity Quantity booster	Function keys Option inputs Timer
	Start DLS/TLS searching PC> ZB-S PC <	Start luminaire searching

## c). Settings

Configuration system (Group 02 / System 01 / ZB-S)	×	
Configuration system (Group 02 / System 01 / ZB-S)         General       Charger         Settings       Relay       Operation time       Function keys       Option inputs       Timer         Manual reset       Image: Configuration time       Function keys       Option inputs       Timer         Delay on mains return       Image: Configuration time       Image: Configuration time       Image: Configuration time         Selective emergency light       Image: Configuration time       Image: Configuration time       Image: Configuration time         Sommer time settings (available from 09/2003)       Image: Configuration time       Image: Configuration time       Image: Configuration time	X	Input of special settings e.g.: • Manual reset • Delay on mains return 1 - 15 min. • Selective emergency light assigned to external DLS- modules • LON- switch present
Begin Sunday last Sunday this month 🔽 Month 3 🔽		• LON- switch present
End Sunday last Sunday this month Month 10 💌		
Serial number 000000/0/		
Software version AT Mega128: Z400.F		
Start DLS/TLS searching Start luminaire searching		
PC> ZB-S PC < ZB-S Cancel		

# to I. "Configuration system" (device) d). Relay

onfiguration system (Group 02 / System	em 01 / ZB-S)	ction keys   (	Option inputs   '	ſimer	×	
Mains operation Mains failure Mains failure DB Charging failure Circuit failure Luminaire failure Sum failure Deep discharge protection ISO-failure Function test Duration test	Relay 1	Relay 2	Relay 3	Buzzer		free selectable relay- contacts and buzzer function with "load default value", it is possible to reset the settings, to manufacturer settings
Start DLS/TLS s PC> ZB-S	earching PC < ZB-	Start lumin	naire searching Cancel			

## e). "Operation time"



## to I. "Configuration system" (device) f). Funktions keys



## g). Option inputs

	Configuration s	ystem (Group 02	? / System (	)1 / ZB-5)				X
Settings of the free programmable pot.free option inputs on the control unit ZB-S	Configuration s General No fun Switch Inverse Manua Receip Start F Start D Start D Cance Block Switch Switch Switch	ystem (Group 02 Charger Settings ction <u>e switch</u> il reset at deep discharge T IDT/FT Device off maintained light ton maintained light tion monitoring	? / <b>System (</b> Relay   Op	1 / ZB-5) eration time 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Function keys	Option inputs 3 € C C C C C C C C C C C C C C C C C C	Timer 4 € C C C C C C C C C C C C C C C C C C	×
		Start DL	.S/TLS searc	hing PC <	Start lu ZB-S	minaire searching		

## 4.2 "SKU picture"

Installed SKU's are displayed with coloured buttons. A click on a button, will change to the SKU-level CEAG CGVision V1.03 - CEAG Notlichtsysteme GmbH Anlagengruppe 2 3.2.2004 / 10:01 1.3.2004 / 10:00 No Delay on mains return 0 SKUs Operation 8 4 FTest Delay on mains ret. DTest 1 Blocked Charger Failure 2 11 3 Battery U 247.50 V ISO 4 0.00 A I 23.10 °C Т 11 Mains 5 3 fase monitoring Deep discharge prot. Manual reset LON RS485 CG-S Bus Group 2 Type ZB-S ZB Device 1 Gruppe Anlage Meldung Datum Status Bestätigen Alle Bestätigen Monday, 02.02.2004 16:41:31 13
## to 4.2 "SKU picture"

	The active circ A click on the	uits are displayed button will chang	l by coloured butto le to the circuit-lev	ons. el.		
CEAG		CGVision V3.01 beta	- CEAG Notlichtsyste	eme GmbH		
Group Device Information	Device group 1 ZB-S/26		Next FT 21.12.20	005 / 10:01 No	Next BT 1.1.2006 / 1 Delay on mains return 0	0:00 min
		1 Halle 2 - OG / EG	2 SKU1/7 CIR2			
		Per luminaire set-up Non-maintained light	Per luminaire set-up Non-maintained light			
						Layout
						Print: back
Group 1	Type ZB-S ZB (	Device 1		Let 2		
Acknowledge	Group Device Message		Released	State		
Acknowledge all						
Tuesday, 20.12.2005 14	:21:08 16					1

#### 4.3 "Circuit picture"

#### Structure of a circuit picture



#### 4.3.1 Circuit configuration



### 4.3.2 Luminaire configuration

Detail of the luminaire, no., nam informations, e.g. kind of lamp, r	ne and further mountings etc.
Luminaire configuration         Luminaire       1         Name       RZ 22011 C8-S         Information       Information         © With out CGS (maintained light)	
<ul> <li>Non-maintained light</li> <li>Maintained light</li> <li>Switch 1</li> </ul>	. Switch 2
C Timer 1 C Timer 2 C Timer 1+2 C LON-switch	No function     LON-switch     Function keys     Option inputs
<ul> <li>C Function keys</li> <li>○ Option inputs</li> <li>○ DLS</li> <li>DLS/3PH ext. 1</li> <li>● 1</li> </ul>	O DLS
OK	Cancel

### 4.4 General displayoptions

The status of devices respective components are shown coloured in all pictures.

- "Green" is "OK"
- "Red" is "Failure" in the referred section.
- "Yellow" is for "switched on", e.g.: circuit is switched on.
- "Grey" is for "switched off",e.g. Luminiare is switched off "non-maintained mode"



## 5 Device family ZB 96 5.1 Configuration of a ZB 96 / Euro ZB.1 EGA-line

Group configurat		×	The assignment of the ZB96 or Euro ZB.1 groups to an EGA-line must be noticed !
Password	Use password for all groups		It is possible to connect up to 8 EGA-data lines, with
No. Type 01 02 03 04 05 06 07 08 09 10	Name		each 32 devices on the CGVision. The connection occurs via the seriell interface (COM-Ports) on the PC. For each EGA-line, one COM-Port is required.
11 12 13 14 15			Selection of the device family: Selection of the device family can be selected in the drop down menu "Type".
No.	1 ZB96 Line		The assignment of a EGA-
Type Name	Take over Delete CGP-	data import	line to a COM-Port can be selected via the drop down menu "ZB96 Line" and "Comport".
F3-Modul			
NeuronID		Delete	
DLL-Version:	CEAG_CGP.DLL V1.08 17.11.2004	÷	

### 5.1 Configuration of a ZB 96 / Euro ZB.1 EGA-line

Group configuration	1
Project name	
Password Use password for all groups	
No.         Type         Name           01         02         03           04         05         06           07         08         09           10         11         12           13         14         15	
No. 1 ZB96 Line Type ZB96/EuroZB.1 Comport 2 Name Take over Delete CGP 7	Selection of the EGA-line: In the drop down menu "ZB96 Line" can be selected the data line 1 to 8.
8           F3-Modul           NeuronID           Insert           DLL-Version:           CEAG_CGP.DLL V1.08 17.11.2004	
Group configuration	
No.         Type         Name           01         02         03           04         05         06           07         08         09           10         11         12           13         14         15	
I     I     ZB96 Line     I     ▼       Type     ZB96/EuroZB.1     Comport     COM1     ▼       Name     COM1     COM2     COM2       Take over     Delete     CGP     COM6	Assignment to the COM-Ports: After selection of the EGA-line, it is possible to assign the EGA-line to a COM-port with the drop down menu (1 to 255).
F3-Modul     CDM7 COM8 COM9       NeuronID     Insert       DLL-Version:     CEAG_CGP.DLL V1.08 17.11.2004	
OK Cancel	Page

### 5.2 CGP-Dataimport ZB96

In the case of a replacement of an old CGP, it is possible to import the CGP-configuration files of the CGP into the CGV ision. A CGP-data import is only possble for "empty" device groups !

Group configuration	E	3	
Project name Name of the	a project		
Password	Use password for all groups		
,		]	Before a CCP data import can start
No. Type Name 01 ZB-S Device or	pup 1		it is necessary to select the line and
02			the COM-Port for the device group
04 ZB96/EuroZB.1			first. After confirm with take over, the
07			CGP-data import can start.
09			
11 12			
13 14			
15		/	
No.	ZB96 Line 1		
Type ZB96/Euroz	ZB.1 Comport COM1 -		
Name			
Take over	Delete CGP-data import		
F3-Modul			
NeuronID	Insert Delete		
Svnc	hronize clocks (only CG-S)		
DLL-Version: CEAG_CGP.DLL	V3.01beta 14.12.2005		
ОК	Cancel		
COD data increat			
CGP-data import			
Directory CGP-Data	A:\		
Directory CGVision	C:\Programme\CEAG\cgvision\texte\	1	
Туре	ZB96/EuroZB.1 💌		In the next window, the Directory of
Group wimber	4 (1.32)		the UGP-datas must select. Typical directory for a CGP was the floopy
Group number	(1.32)	-	drive a:\. It is possible to select othe
	, 		drives. With the button "Start", the
Line	1 (1 - 8)		CGP data import will start. Please
Comport	COM1 (COM1 - COM255)		ionow the next dialogs.
Start	End		

#### 5.3 "Device picture"

#### Structure of the device picture:







a). "Block" The device can be blocked

b). "Release" The blocked system can be released.

c). "DT start" Duration Test for the device can be started

d). "DT stop" Duration Test for the device will be stopped

e). "FT start" Function Test for the device can be start

f). "Quit deep discharge protection" Acknowledge a deep discharge protection

g)."Manual reset " Reset for the device, if it is waiting for a manual reset.

h). "Services" Different services for the logbook and for configuration

i)."Print" A screenshot will be printed

j). "Configuration" Settings of configuration for all datas in the device picture

k). "Back" Back to the device group picture

#### h). "Services" Different services for the logbook and for configuration



The menu "Services" is identical with the menu "Services" in the device group picture, with the difference that the printing of the status is only for the individuell device.

A description for saving/loading of program configurations / group configurations, you will find in chapter 2.2 "device group picture" in j) "services".

#### j. "Configuration system" (Device) a). General

	Input of devicent	ame and additional informations
- C 1'		
onfiguratio	n system (Group VI	/ System 01 / 2896)
Name		
Information		
Manual res	et	
Delay on m	ains return	0 min
TLS time		Input 1: 0 💌 <- 0 💌 min
Installed SK	(U	SKU 1/1:
Charger		
Сарас	sity	12 Ah (5 - 999)
Quant	ity booster	1 (0 - 10)
Inform	ation battery type	
Gener	al battery information	
Installed U	S	
	FC> 2836	
With char With	n the button "PC → nged copnfiguration n the button "PC ←	ZB96" it is possible to sent all ns to the device. ZB96" it is possible to download
all c	urrent configuration	is (control unit) from the device.

#### j. "Configuration system" (Device)

#### b). Manual reset and delay on mains return



#### j. "Configuration system" (device) c). TLS-settings

Configuration system (Group 01	/ System 01 / ZB96)	1
Name		
Information		
Manual reset	<b>-</b>	
Delay on mains return	0 v min	
TLS time	[Input 1: 0]	
Installed SKU	Input 1: 0	
Charger	Input 3: 0	
Capacity	Input 4. 0	In case of installed TLS-modules
Quantity booster	Input 6: 0 Input 7: 0	(max. 4pcs.), it is possible to select
Information battery type	Input 8: U	inputs 1 to 32
General battery information	Input 10: 0	inputs 1 to 52.
	Input 12: 0 Input 13: 0	
Installed US	Input 14: 0	
-	Input 16: 0 Input 17: 0	
	Input 18: 0	
PC> ZB96	PC < ZB96 Cancel	
		1
Configuration system (Group 01	/ System 01 / ZB96) 🛛 🗙	1
		After coloction of a TLS input it is
Name		nossible via the menu min " to
Information		select the TLS-time in minutes (1 to
		15). With the button <, the time
Manual reset		will be confirmed to the TLS-input.
Delay on mains return		
TLS time	Input 1: 0	
Installed SKU	SKU 1/1:	
Charger		
Capacity	12 Ah (5-999) 4 5	
Quantity booster	1 (0 · 10) 6 7	
Information battery type		
General battery information	10	
	12	
Installed US	14	
	[15	
PC> ZB96	PCKZB95 Cancel	

#### j. "Configuration system" (device) d). Further settings



If substations are connect to a ZB96 with a battery and charging technic, for a duration test together it is necessary to assign the substation to the ZB96. The assignment is to set in the configuration of the substation.(see next page).

The assignment of the substation can be displayed in the field "installed US" (see above).

j. "Configuration system" (device) e) Assignment of a substation to a ZB96/Euro ZB.1

lame		
nformation		
Manual reset		
elay on mains return	0 min	
LS time	Input 1: 0 💌 <- 0 💌	min
nstalled SKU	SKU 1/1: 🔹 <-	•
Charger		
Capacity	0 Ah (5 - 999)	
Quantity booster	(0 - 10)	
Information battery type		
General battery information		
ZB-assignment	1-	
PC -+> ZB96	PC < ZB96 Cance	1

### 5.4 "SKU picture"

Installed SKU's are displayed with coloured buttons. A click on a button, will change to the SKU-level CEAG CGVision V1.04 **CEAG Notlichtsysteme GmbH** 1.12.2004 / 10:00 26.11.2004 / 10:01 t DT lay on mains return 0 No De min SKUs Operation 3 4 5 FTest 1 DTest Blocked Charger Booster Failure 2 3 Battery U 249.00 V ISO 4 I 0.00 A т 22.00 °C 4 Mains 100 % K 5 Deep discharge prot. Communication Group 1 Type ZB96 ZB Device 1 Group Device Message Released State Acknowledge Acknowledge all Thursday, 25.11.2004 14:59:42 23

#### 5.4 "SKU picture"

#### Structure of a circuit picture



### 5.4.1 Circuit configuration

Selection of monitoring mode		
Input of circuit name and additi	onal informations	Display of SKU, circuit and
		Sko-Type
SKII-configuration (Group 01 / System 01)		×
SKU 2/5 Circuit 1	SKU-Type	SKU CG 2x2A/2x3A/4x1A
Name	Luminaires	
	▼ 1 SL 22011 CG	
Information	☑ 2 RZ 134 CG	
	SKU2/5 CIR1 LUM 3	
	4 SKU2/5 CIR1 LUM 4	
<b>↓</b>	5 SKU2/5 CIR1 LUM 5	
CG-monitoring	6 SKU2/5 CIR1 LUM 6	
	<b>7</b> SKU2/5 CIR1 LUM 7	
C Non-maintained light	SKU2/5 CIR1 LUM 8	
	SKU2/5 CIR1 LUM 9	
Timer 1		
Timer 2		
DLS1 1		
	17 SKU2/5 CIR1 LUM17	
	18 SKU2/5 CIB1 LUM18	
	19 SKU2/5 CIR1 LUM19	
	20 SKU2/5 CIR1 LUM20	
	,	
	Cancel	<u> </u>
ircuit programming,e.g. witching mode and DLS/TLS ssignment	dd / Delete of luminaires are pos ügen / Entfernen von Leuchten ch. After adding of luminaires, it text with up to	ssible with set of a hook. After ist über das Setzen von Häckchen is possible to type in the luminaire 40 letters.
It is possible to type in addition with up to 100 letters, e.g. kin luminaire is possible v	al text informations of the lumin d of mounting. The selection of with arrow left / arrow right.	aire the

### 5.5 "Circuit picture"

After the circuit configuration, it is possible to change to the circuit picture with detailed text informations, with a click on the button of the circuit or the luminiare.



#### 5.5 "Circuit picture"

#### Structure of the circuit picture



### 5.5 "Circuit picture"

#### **Extension luminiare text informations**

With click on the luminaire text, it is possible to get more text informations of the luminaire, which are inserted in the menu "information luminaire" in 5.3.1 circuit configuration.

CEAG		CGVisior	on V1.04 - CEAG Notlichtsysteme GmbH	
Group Device Circuit Information			Next FT 26.11.2004/10:01 Next DT 1.12.2004/10: Manual reset No Delay on mains return 0 NML ML Timer1 Timer2 DLS1 1 DLS2 0	00 min TLS <mark>0</mark>
SKU 2/5 CG 2x2A/2x Circuit 1 Overload	(3A/4×1A 1 2 3 3 4 4 5 5 6 6 7 8 9 9 10 11 11 12 13 13 13 13 14 15 16 16 17 17 18 11 19 12 0 10 11 10 11 10 10 10 10 10 10 10 10 1	Name SL 22011 CG RZ 134 CG Not installed! Not installed! Not installed! Not installed! Notice Notice Notice Not installed! Not installed!	formation Luminaire 1: L 22011 CG with 8Watt/T5, mounting in 5m high!	int:
Group 1	Type <mark>ZB96 ZB</mark>	Device	25.11.2004 15:03.34 Start FT	
Gro Acknowledge 1 Acknowledge all 1	pup Device Message SKU 2/5 SK 1 1 FT running 1 Battery operation 1 Luminaite failum	1×occccccccccc	Released         State           000020         25 11.04 15.06.25         Dn           25.11.04 15.06.25         Diff         25.11.04 15.06.25           25.11.04 15.05.25         Diff         25.11.04 15.05.25           25.11.04 15.05.25         Diff         25.11.04 15.05.25	
Thursday, 25.11.2004 15:08:	Advanced lur	ninaire text	ts,e.g. note of a mounting high	

### 5.6 General display options

The status of devices respective components are shown coloured in all pictures.

- "Green" is "OK"
- "Red" is "Failure" in the referred section.
- "Yellow" is for "switched on", e.g.: circuit is switched on.
- "Grey" is for "switched off",e.g. Luminiare is switched off "non-maintained mode"

#### Examples:

Circuit No.1:

Failure (ret)

Failure -



Circuit No.2: O.K. and in non maintained mode - Luminaires are displayed in grey

## 6 Device family GVL 24.1 6.1 Configuration of a GVL24.1 / CG48 EGA-line

Notice: It is possible to use GVL 24.1 and CG48 group battery systems in the same EGA-line. The selection of the devices allows "GVL24.1/CG48" or "CG48/GVL24.1". The first device type will appear as text in the group button in the main group menu.

Group configuration	The assignment of a
	GVL24.1/CG48 group to an EGA-line must be noticed !
Project name	It is possible to connect up
Password Use password for all groups	each 32 devices on the CGVision. The connection
No. Type Name	occurs via the seriell interface (COM-Ports) on
01 GVL24.17CG48 02 03 04	the PC. For each EGA-line, one COM-Port is required.
05 06 07 08	Selection of the device
10 11 12	family: Selection of the device family can be selected in the drop
14 15	<ul> <li>down menu "Type".</li> <li>1. GVL 24.1/CG48 or</li> <li>2. CG48/GVL 24.1</li> </ul>
No. 1 GVL/CG48 Line 1	
Type GVL24.1/CG48 Comport COM1	I he assignment of a EGA- line to a COM-Port can be selected via the drop
Name	down menu "GVL/CG48-
Take over Delete CGP-data import	
F3-Modul	
NeuronID Insert Delete	
Synchronize clocks (only CG-S)	
DLL-Version: CEAG_CGP.DLL V3.01beta 14.12.2005	
OK Cancel	

### 6.1 Configuration of a GVL 24.1 / CG48 EGA-line

Group configuration	
Croup configuration  Project name Password Use password for all groups  No. Type Name OT GVL24.1/CG48 O2 O3 O4 O5 O6 O7	
08 09 09 10 11 12 12 13 14 15 No. 1 GVL/CG48 Line T Type GVL24.1/CG48 Comport 2	
Name     4 5 5 6 7 8       Take over     Delete       CGP 7 8       F3:Modul       NeuronID       Insert       Delete       Synchronize clocks (only CG-S)       DLL-Version:       CEAG_CGP.DLL V3.01beta 14.12.2005	Selection of the EGA-line: In the drop down menu "GVL/CG48 Line" can be selected the data line 1 to 8.
OK Cancel	
Group configuration	3
Group configuration	Assignment to the COM-Ports:
Group configuration         Project name           Project name         Password         Use password for all groups           No. Type         Name         Name           01         GVL24.1/CG48         GU           03         04         05           06         07         08           09         10         11           12         13         14           15         GVL24.1/CG48         Comport           Name         Comport         COM1           Take over         Delete         CGP           F3Modul         COM7         COM3	Assignment to the COM-Ports: After selection of the EGA-line, it is possible to assign the EGA-line to COM-port with the drop down men (COM1 to COM255).
Group configuration       Project name         Password       Use password for all groups         No.       Type         Name       01         GVL24.1/CG48       02         03       03         04       05         05       07         07       08         09       10         11       12         13       14         15       Comport         No.       1         GVL24.1/CG48       Comport         Name       COM2         COM3       COM4         COM4       COM4         COM4       COM4         06       07         07       08         08       Comport         10       Com4         11       COM4         12       Com4         13       Com4         14       15         15       Com4         Name       Com4         COM5       Com4         COM5       Com4         COM5       Com4         COM5       Com4         COM5       Com4         <	Assignment to the COM-Ports: After selection of the EGA-line, it is possible to assign the EGA-line to COM-port with the drop down men (COM1 to COM255).

### 6.2 CGP-Dataimport – GVL24.1 / CG48

In the case of a replacement of an old CGP, it is possible to import the CGP-configuration files of the CGP into the CGV ision. A CGP-data import is only possble for "empty" device groups !

Group configuration	
Group configuration  Project name Password Use password for all groups  No. Type Name OT GVL24.1/CG48 02 03 04 05 06 07 08 09 10 11 12 12 13 14 15  No. 1 GVL/CG48 Line 1  Type GVL24.1/CG48 Compot Compot F3Modul NeuronID Insert Delete CGP-data impot F3Modul NeuronID Insert Delete Synchronize clocks (only CG-S)  DLL-Version: CEAG_CGP.DLL V3.01beta 14.12.2005	Before a CGP-data import can start, it is necessary to select the line and the COM-Port for the device group first. After confirm with take over, the CGP-data import can start.
CGP-data import       Directory CGP-Data     A:\       Directory CGVision     C:\Programme\CEAG\cgvision\texte\       Type     GVL24.1/CG48	In the next window, the Directory of
Group number         1         (1 - 32)           Group name	directory for a CGP was the floppy drive a:\. It is possible to select other drives. With the button "Start", the CGP data import will start. Please follow the next dialogs.
Start End	

### 6.3 "Device picture – GVL24.1"

#### Structure of the device picture:



Alarmlist with possibility of acknowledge (identical with picture of main group picture)



a). "Layout" Link to the first building layout of the device group (Licence is necessary !)

b). "DT start" Duration Test for the device can be started

c). "DT stop" Duration Test for the device will be stopped

d). "FT start" Function Test for the device can be start

e)."Quit deep discharge protection" Acknowledge a deep discharge protection

f)."Manual reset " Reset for the device, if it is waiting for a manual reset.

g). "Services" Different services for the logbook and for configuration

h)."Print" A screenshot will be printed

i). "Configuration" Settings of configuration for all datas in the device picture

j). "Back" Back to the device group picture b). - f). Above described commandos (point b-f) are directly executable with a click on the button

#### g). "Services" Different services for the logbook and for configuration



The menu "Services" is identical with the menu "Services" in the device group picture, with the difference that the printing of the status is only for the individuell device.

A description for saving/loading of program configurations / group configurations, you will find in chapter 2.2 "device group picture" in j) "services".

#### h. "Configuration Device" a). General

Configuration system (Group 07 / System 01 / GVL24)     Image: Configuration system (Group 07 / System 01 / GVL24)
Name
Information
Manual reset
Delay on mains return 0 💌 min
TLS time 0 min
Capacity 24 💌 Ah
PC> GVL/CG48

With the button "PC  $\rightarrow$  GVL/CG48", only the configuration will stored on the CGVision! Due to technical restrictions, the configuration will not stored in the GVL system !

## h. "Configuration Device"b). Manual reset and Delay on mains return

Manual reset activate / deactivate	
Configuration system (Group 07 / System 01	/ GVL24)
Name Information	
Manual reset       Manual reset     Image: main seturn       Delay on mains return     Image: main seturn       TLS time     Image: main seturn       Capacity     3       A     5       6     7       7     8       9     10       11     11	in in .h 
Drop-Down menu for input of the "de	lay on mains rewturn" in 1 until 15 minutes

# h. " Configuration Device"c). TLS-time and Battery capacity

C	onfigurati	ion system (Group 0	7 / System 01 / GVL24)	×	
	Name				
	Information				
	Manual rese	et			
	Delay on m	ains return	0 v min		If a TLS-module is installed, it
	TLS time		0 min		is possible to select via the
	Capacity		0 Ah 1 Ah 2 3		drop down menu a "TLS-time" from 1-15 min.
			5		
			6 7		
		PC> GVL/LG48	8 Cancer		



### 6.4 "Inverter Installation"

In the device installed inverter and CG12 monitoring modules, must be installed in the CGVision <u>manually !</u> For installation of a inverter in the CGVision, the button of the desired must be selected.



The circuit picture appears. With the button "Configuration", it is possible to install the inverter or the CG12-monitoring.



## 6.4 "Inverter Installation"

Input of the circuit name (max.20 letters) and addition	onal informations (max. 100 letters)
For installation of an inverter, tha operation or switch maintained mode) must be selec possible to activate the CG-function of the	n mode (maintained, non-maintained mode ted. In use of only one luminaire, it is inverter.
For installation message) mus	on of a CG12-monitoring module, the CG12 (indivual t be activated. (For more informations, see next page)
GVL24 Circuit configuration (Group 07 / System 0	)1) 🛛 🔀
Circuit 8	CG12(individual message)
Name	Luminaires
	T Leuchte 01
le formation	2 Leuchte 02
	C 3 Leuchte 03
	4 Leuchte 04
	5 Leuchte 05
Not installed!     Non-maintained light	
	R Leuchte 08
<ul> <li>Switch</li> </ul>	S Leuchte 09
	T 10 Leuchte 10
	🗖 11 Leuchte 11
TLS	12 Leuchte 12
Luminaire information	
Level 1	
PC> GVL/CG4	18 Cancel
To the building layout programming of the circuit	
(Licence with dongle is necessary !)	

### 6.4.1 CG12- Single monitoring for up to 12 luminaires

In case of active CG12 option (individual me ist possible to install and assign up to 12 lur to the circuit.	essage), minaires
	Luminaire text for each installed luminaire with up to
GVL24 Circuit configuration (Group 07 / Syste	em 01) 🛛 🔀
Circuit 8	CG12(individual message)
Name	
	▼ 1 SL 6011.1 CG
Information	☑ 2 SL 6011.1 CG
	▼ 3 RZ 22011 CG
	✓ 4 RZ 22011 CG
1	▼ 5 RZ 1806 CG
O Not installed!	✓ 6 RZ 1508 CG
C Maintained light	
Switch	▼ 0 SL 3301 CG
TLS 0	□ 12 Leuchte 12
Luminaire information < 1	
Attention: Mounting in 5m,ladder necessary, last nainte	nance 06/12/06
Layout	
PC> GVL	_/CG48 Cancel
Additional text for ea	ach installed luminaire with up to 100 letters.
To select the lum	ninaire, press "arrow left" or "arrow right".

### 6.5 Circuit picture



### 6.6 General displayoptions

The status of devices respective components are shown coloured in all pictures.

- "Green" is "OK"
- $\ensuremath{\mathsf{Red}}\xspace^{\ensuremath{\mathsf{``}}}$  is  $\ensuremath{\mathsf{Failure}}\xspace^{\ensuremath{\mathsf{``}}}$  in the refered section.
- "Yellow" is for "switched on", e.g.: circuit is switched on.
- "Grey" is for "switched off",e.g. Luminiare is switched off "non-maintained mode"





Failure with clear text in alarmlist (red)



CEAG	CGVision V3.01 beta - CEAG Notlichtsysteme GmbH
Group Device Stomkreis	next FT 15.2.2006 / 10:01 next DT 1.3.2006 / 10:00 Manual reset No Delay on mains return 0 min BL X DL DLS1 DLS2 TLS TLS
Information	/
Stromkreis 3	
	1 Luminaire 01
	2 Sparel
	4 Luminaire 03
	5 Sharel
	6 Spare!
	7 Sparel
	8 Luminaire 08
	9 Sparel
	10 Spare!
	11 Sparel
	12 Spare!
	Print:
	Centiouration
	la l
Group 7 Type	VL24 Device 1 14.02.2006 15:44.08 Star FT
()po	
Group Devi	Message Heleased State
Acknowledge 7 1	FT running 14.02.06 15:44:56 [0ff
Acknowledge all	Luminate failure 14.02.06.15.44.55 On
7 1	Mains failure 14.02.06 15:44.56 Dif
uesday, 14.02.2006 15:49:17	36
# 7 Device family CG48 7.1 Configuration of a CG48 / GVL24.1 EGA-line

Notice: It is possible to use GVL 24.1 and CG48 group battery systems in the same EGA-line. The selection of the devices allows "CG48 / GVL24.1" or "GVL24.1/ CG48". The first device type will appear as text in the group button in the main group menu.

Group configuration	The assignment of a
	EGA-line must be noticed!
Project name	It is possible to connect up to 8
Password Use password for all groups	with up to 32 devices (mixed) to the CGVision.
No. Type Name	The connection to the EGA- lines occurs via the serial interface (COM-Port) at the
01 CG48/GVL24.1 02 03 04	PC. For each EGA-line, one COM-Port is necessary.
05 06 07 08 09 10 11 12 13 14 15	Selection of the device <u>family:</u> Selection of the device family can be selected in the drop down menu "Type". If CG48/GVL24.1 is selected, the devicename CG48 will appears in the main group picture.
No. 1 CG48/GVL Line 1	
Type CG48/GVL24.1 Comport COM1	line to a COM-Port can be selected via the drop
Name	down menu "CG48/GVL- Line" and "Comport".
F3-Modul	
NeuronID Insert Delete	
Synchronize clocks (only CG-S)	
DLL-Version: CEAG_CGP.DLL V3.01beta 14.12.2005	
OK Cancel	

# 7.1 Configuration of a CG48 / GVL24.1 EGA-line

Project name
Password Use password for an groups
No. Type Name
04
07 08
09 10 11
12 13
14 15
Type CG48/GVL24.1 Comport 2
Name 4
Take over Delete CGP 7
F3-Modul NeuronID Insert Delete
Synchronize clocks (only LG-SJ
DLL-Version: CEAG_CGP.DLL V3.01beta 14.12.2005
OK Cancel
Group configuration
Project name
Project name Password for all groups
Project name Password Use password for all groups No. Type Name
Project name     Image: Constraint of the password for all groups       No. Type     Name       OI     CG48/GVL24.1       D2
Project name       Password       Use password for all groups       No. Type
No.         Type         Name           01         CG48/GVL24.1         02           03         04         05         06           07         CG48         CG48         CG48
No. Type         Name           01         CG48/GVL24.1           02         03           04         05           06         07           07         08
Project name         Image: Constraint of the set of the
Project name         Image: Constraint of the set of the
Project name
Project name         Image: Constraint of the set of the
Project name         Use password for all groups           No.         Type         Name           01         CG48/GVL24.1         02           03         04         05           06         07         08           03         10         11           11         12         13           14         15         1
Project name
Project name         Use password for all groups           No.         Type         Name           01         CG48/GVL24.1         03           03         04         05           06         07         08           07         08         09           10         11         11           12         13         14           15         15         04           No.         1         CG48/GVL Line         1           Type         CG48/GVL24.1         Comport         011           Name         CDM2         CDM2         CDM2
Project name         Image: Constraint of the session of the all groups           Password         Use password for all groups           No.         Type           No.         1           111           12           13           14           15           No.           1           CG48/GVL24.1           CG48/GVL Line           1           111           12           13           14           15           No.           1           CG48/GVL24.1           CG48/GVL24.1           CMA           CDM3           Take over           Delete           CGP
Project name         Use password for all groups           No.         Type         Name           01         CG48/GVL24.1         03           03         04         05           06         07         08           09         10         11           11         12         13           14         15         CG48/GVL24.1         Cmpot           No.         1         CG48/GVL Line         1           12         13         14         15           Name         CMM2         CMM2         CMM3           Take over         Delete         CGP         CM4           CMM3         CMM3         CMM3         CMM3
Project name         Password         Use password for all groups         No.       Type         No.       1         CG48/GVL24.1         03         04         05         06         07         08         09         10         11         12         13         14         15         No.       1         CG48/GVL24.1       Comport         Name         COM3         COM4         COM4         COM5         COM6         COM6         COM6         COM6         COM6         COM6         COM6         COM6         COM4         COM4         COM4         COM4         COM4         COM6         COM6<
Project name         Password         Use password for all groups         No.       Type         No.       1         CG48/GVL24.1         03         04         05         06         07         08         09         10         11         12         13         14         15         No.       1         CG48/GVL24.1       Comport         Visit<
Project name       Password         Password       Use password for all groups         No.       Type         No.       1         CG48/GVL24.1         03         04         05         06         07         08         09         10         11         12         13         14         15         No.         1       CG48/GVL24.1         V         CG48/GVL24.1         CG48/GVL Line         12         13         14         15         No.         1       CG48/GVL24.1         CGM2         COM3         COM4         COM5         COM5         COM5         COM5         COM6         COM7         COM8         COM8         COM9         COM8         COM8         COM8         COM8         COM8         COM8         COM8

ΟK

Cancel

# 7.2 CGP-Dataimport – CG48 / GVL 24.1

Bei Austausch einer vorhandenen CGP, ist es möglich die CG48/GVL24.1-Konfigurationsdateien der CGP in die CGVision zu importieren. Ein CGP-Datenimport ist nur für nicht konfigurierte Gruppen möglich, d.h. die Gruppe darf vor einem CGP-Datenimport keine Anlagen enthalten.

Group configuration	n	
Project name		
Password	Use password for all groups	
Password         No.       Type         01       CG48/GVL24         03       04         05       06         07       08         09       10         11       12         13       14         15       15         No.       Type         Name       16         F3-Modul       NeuronID         DLL-Version:       C	Name Name I I CG48/GVL24.1 Comport CGP-data import Inset Delete Synchronize clocks (only CG-S) EAG_CGP.DLL V3.01beta 14.12.2005	Before a CGP-data import can start, it is necessary to select the line and the COM-Port for the device group first. After confirm with take over, the CGP-data import can start.
data import		In the next window, the Directory of
irectory CGP-Data lirectory CGVision ype	A:\ C:\Programme\CEAG\cgvision\texte\ GVL24.1/CG48	 the CGP-datas must select. Typical directory for a CGP was the floppy drive a:\. It is possible to select other drives. With the button "Start", the CGP data import will start. Please
iroup number	1 (1 - 32)	follow the next dialogs.
iroup name		
ine iomport	1 (1 - 8) COM1 (COM1 - COM255)	
Start	[]	

CGP-da

#### Structure of the device picture:





a). "Layout" Link to the first building layout of the device (Licence with dongle is necessary !)

b). "Block" The device can be blocked

c). "Release" The blocked system can be released

d). "DT start" Duration test for the device can be started

e). "DT stop" Duration test for the device can be stopped

f). "FT start" Function test for the device can be start

g)."Quit deep discharge protection" Acknowledge a deep discharge protection

h)."Manual reset" Reset for the device, if iis waiting for a manual reset

i). "Dienste" Verschiedene Dienste zum Prüfbuch und zur Konfiguration

j)."Services" Different services for the logbook and for configuration

k). "Configuration"
 Settings of configuration for all datas in the device picture

I). "Back" Back to the device group picture a). Link to the first building layout of the device (Licence with dongle is necessary, see chapterl "Building layout programming"

b) - h). Above described commandos (point b-f) are directly executable with a click on the button

#### i). "Services" Different services for the logbook and for configuration



The menu "Services" is identical with the menu "Services" in the device group picture, with the difference that the printing of the status is only for the individuell device.

A description for saving/loading of program configurations / group configurations, you will find in chapter 2.2 "device group picture" in j) "services".

#### k. "Configuration Device" a). General

Name	
Information	
Manual reset	
Delay on mains return	0 v min
TLS time	min
Capacity	24 💌 Ah

With the button "PC  $\rightarrow$  GVL/CG48", all changed configurations will sent to the device. With the button "PC  $\leftarrow$  GVL/CG48", all current device configurations can download from the device to the CGVision.

# k. "Configuration Device"b). Manual reset and delay on mains return

Manual reset activate / deactivate
Configuration system (Group 01 / System 02 / CG48)
Name
Information
Manual reset
Delay on mains return min
TLS time 1 min
Capacity 2 3 Ah 4 5
Drop-Down menu for input of the "delay on mains return" in 1 until minutes

# k. "Configuration Device"c). TLS-time and battery capacity

(	Configuration system (Group 0	11 / System 02 / CG48)	×	
	Name			
	Information			
	Manual reset	Г		
	Delay on mains return	0 v min		If a TLS-module is installed, it
	TLS time	🗴 💌 min		is possible to select via the
	Capacity	0 1 Ah 2 3		drop down menu a "TLS-time" from 1-15 min.
		4 5 6		
	PC> GVL/CG48	7 8 ℃ < GVL/CG48 Cancel 9		



# 7.4 "Circuit picture"

After loading the configuration of the CG48 to the CGVision, all installed circuits will be displayed. With click on the circuit, the next picture for circuit configuration appears.



With the button "configuration", it is possible to configure the circuit, and install new luminaires.



## 7.4.1 Circuit configuration



# 7.5 "Circuit picture"



# 7.6 General display options

The status of devices respective components are shown coloured in all pictures.

- "Green" is "OK"

- "Red" is "Failure" in the referred section.
- "Yellow" is for "switched on", e.g.: circuit is switched on.
- "Grey" is for "switched off",e.g. Luminiare is switched off "non-maintained mode"

#### Examples:



Circuit No.1: Failure -Luminiare No.1 failure (red)

CEAG	CGVision V3.01 - CEAG No	tlichtsysteme GmbH	
Group De lice Stomkt is	next FT Manual rese BL	17.2.2006 / 10:01         next DT         1.3.2006 / 10:00           et         No         Delay on mains return         0         min           DL         DLS1         DLS2         TLS         0	
Information Stromkreis 1		/	
	RZ 1706 CG-5		
2	SL 6011.1		
4	Spare!		
5	Spare!		
7	Sparel		
8	Spare!		
9	Spare!		
10	Sparel	/	
1.	Sparel		
		Layrout: Frint: Configuration back	
Group 1 Type CG4	B Device 2 16.02.2006 10:25.	40 Start FT	
Group Device	Message	Released State	
Acknowledge	K 1. 12400000000012 T numina	16 02 06 10 27 09 0h	
Acknowledge all	attery operation	16.02.06 10.27.08 DH	
1 2 1	uminare failure	16.02.06.10.26.38 On 🗸 🗸	
hursday, 16.02.2006 10:28:02	36		

# 8 Building layout programming

### 8.1 General informations for CGVision building layout programming

For the function "Building layout programming" is a licence in form of a hardware-dongle for the paralellport (LPT) required. The buttons for layout configuration in the CGVision are first visible, after detection of the dongle in the printerport (LPT).

The building layout software allows a creation of <u>circuit-related</u> building layout pictures with placed luminaires in the CGVision.

It is possible to place up to 20 saftey or escape route luminaires each circuit. The luminaires will be displayed with their status, that means non-maintained luminaires are displayed grey, maintained luminaires are displayed yellow or green, and faulty luminaires are displayed red. The building layout pictures have to be max. 800 x 600 pixel, and must be in a .bmp format (bitmap). It is possible to import several smaller layouts, which will displayed as one building layout (example see below). Later modifications (e.g. replace of luminaires) are every time in a easy way possible.

Example of a building layout picture:



# 8.2 Preparation of building layout pictures

The correct size of the building layout pictures in .bmp-format is 800 x 600 pixel. Conversions from another types of files, e.g. .jpg and other sizes, e.g. 1024 x 768, are possible in an easy way with standard graphic tools. The names of the pictures are free selectable, but for a better orientation, it is recommended to name the pictures with destination and the location of the circuit, e.g. for a circuit of one SKU in backplane 1 on module place 7, circuit 1 in a location hall 2, 2nd floor (2.Obergeschoss) and ground floor (Erdgeschoss) Example building layout picture name: <u>Hall 2-OG-EG 1-7-1.bmp</u>.

All building layout pictures have to be copied in following folder:

#### C:/Programs/CEAG/cgvision/BITMAPS



The existing pictures in this folder are system datas of the CGVision. Do not remove or delete these !

After copy of the building layout pictures into the destination folder, the building layout programming can start. Later modifiactions are every time possible.

# 8.3 Creation of building layouts in the CGVision 8.3.1 Selection and placement of the building layout

After the correct detecting of a hardware-dongle on the printer port, in each "circuit configuration" of a device, a push button "Layout" appears. This is a link to a graphic tool for building layout programming.

Circuit configuration (Group 01 / System 01)						
SKU 1/7 Circu	it 1 SKU-Type	SKU CG-S 2x3A				
Name Hall 2 - OG / EC	à	Luminaire Survey				
Information Hall 2 - Neutrali	sation	▼ 1 RZ 55011 CG-S PU				
		2 RZ 55021 CG-S PU/BL				
Monitoring		☑ 3 SL 55011 CG-S				
<ul> <li>CG-monitoring</li> </ul>		▼ 4 SL 55011 CG-S				
Current value monitoring Curre	nt value deviation 🛛 🕺 (1-99%)	▼ 5 SL 55011 CG-S				
C Heserve		☑ 6 SL 55011 CG-S				
Switch 1	Switch 2	7 SL 3301 CG-S				
C Non-maintained light	Maintained light (battery)	▼ 8 RZ 55011 CG-S PU				
Maintained light (mains)	C LON-switch	9 RZ 55011 CG-S PU				
<ul> <li>Per luminaire set-up</li> </ul>	C Function keys	▼ 10 RZ 55011 CG-S PU				
C Timer 1	C Option inputs	▼ 11  RZ 55011 CG-S PU				
C Timer 2	C DLS	I 12  SL 40031 CG-S				
C Timer 1+2	O TLS	I 13  SL 40031 CG-S				
C LON-switch	C 3 phase monitor	I II  SL 40031 CG-S				
C Function keys		IV 15  SL 40031 CG-S				
C Option inputs		₩ 16 R2 55011 CG-S PU				
C DLS 🖵 🖵		₩ 17 R2 55021 CG-S PU				
		▶ 18  SL 55011 CG-S				
G 3 phase monitor		▶ 19  SL 55011 CG-S				
		✓ 20 JSL 55011 CG-5				
Layout						
PC> ZB-S	PC < ZB-S	Cancel				

## 8.3.1 Selection and placement of the building layout

#### Following menu appears:

🚭 CEAG Graphic Too	Version 1.6			
<u>File I</u> tem				
<u>C</u> ancel	<u>S</u> afe	Element into <u>b</u> ackground	Element into <u>f</u> oreground	
	<u>S</u> afe	Element into background	Element into foreground	Halle 2-OG-EG_1-7-1.bmp         Halle 2-Flur rechts_1-8-2.bmp         Park11.bmp         10 2         30 2         Hight         11 2         12 3         14 15         15         16 17         18 19 20
				>
Project STANDARD	Group 1 Unit 1	Type ZB-S, ZB96, EuroZB	BGT: 1 SKU: 7 Circuit 1	
	1			
isplay of the loc ogramming. E. Backplane 1 i	ation of the circui g. Device 1 in Gro n SKU 7	t for oup 1, Circuit 1	In this list a before in left mou	all pictures appears, which are copied the folder "Bitmaps". With "pressed" usebutton, it is possible to move the picture in the left free area.

## 8.3.1 Selection and placement of the building layout



It is possible to select the width and the hight of each luminaire, <u>before</u> the luminaires will place on the building layout, to have the best proportion between the layout and the luminaires. It is recommended to test out the best proportion. (Recommended width is 10-20 pixel and hight 7-15 pixel).



With the buttons "Lights" and "Rescuelights" it is possible to select safety luminaires or escape route luminaires. Saftey luminiares will displayed as normal lamp, and escape route luminaire will displayed as green pictograms. After above described selections, the placement of the luminaires can start.

With pressed mouse button, each luminaire can placed on the building layout. A correction is every time possible. With doubleclick can mark the luminiare (4 blue corners), and move with pressed mouse button to the correct place. A luminaire can delete with the button "delete" on the keyboard if the luminiare is marked (blue corners). The luminaire will removed to the start.



The luminiare can be placed in any sequence. The building layout can scroll via the scroll buttons. It is possible to import several small pictures. With the buttons "Element in the back- foreground", the luminaires or pictures can placed in front or in back of each other.



After placement of all luminaires, the programmed building layout can stored with the button "Safe". Later modifications can stored again with "Safe". 😴 CEAG Graphic Tool Version 1.6 <u>File</u> <u>I</u>tem Element into background <u>C</u>ancel Safe. Element into foreground Neutralization CIG BHKW EG Neutralisation OG 20 4 510 dentisedina (EC) 19 Halle 2-0G-EG\_1-7-1.bmp Halle4-Flur rechts\_1-8-2.bmp Park11.bmp Parkhaus\_2-1-1.bmp Parkhaus\_2-1-2.bmp TBB1LL.bmp 18 Treppe03.bmp Luminaires Width 20 🗢 Hight 15 \$ <u>R</u>escuelights Lights 3 5 2 4 5 3 15 7 8 9 10 6 12 13 14 15 11 7 16 17 18 19 20 14 13 Neutralisation EG < > Group 1 BGT: 1 SKU: 7 Circuit 1 Project STANDARD\* Unit 1 Type ZB-S, ZB96, EuroZB

Following message appears. Confirm with Yes, and leave the program with "Cancel".



The same procedure is valid for all other circuits, which are used with building layouts. After the building layout programming, the finished building layouts can load with the button "Layout" in each level. In the device picture, the first programmed building layout will appear. In each circuit picture, the appendant building layout will appear.

CEAG		CGVision V3.01	beta - CEA	G Notlichtsysteme GmbH		
Group			Next F	T 21.12.2005 / 10:0	1 Next DT	1.1.2006 / 10:00
Device <mark>Z</mark>	B-S/26		Manual	reset No	Delay on ma	ns return <mark>0 m</mark> i
Circuit <mark>H</mark>	Iall 2 - OG / EG		Switch	1 Per luminaire set-	up Switch 2	Non-maintained light
Information H	Iall 2 - Neutralis	sation				2월 - See 2017년 - 1992년 - 1993년 1993년 - 1993년 - 1993년 - 1993년 - 1993년 - 1993년 -
		Namo		Switch 1	Qwitch 2	
SKU 1/7 CG-S 2	x3A 1	RZ 55011 CG-S PU		Maintained light (mains	Non-maintained light	
Circuit 1	2	RZ 55021 CG-S PU/BL		Maintained light (mains	Non-maintained light	
	3	SL 55011 CG-S		Non-maintained light	Non-maintained light	
	4	SL 55011 CG-S		Maintained light (mains	Non-maintained light	
G-monitoring	5	SL 55011 CG-S		Non-maintained light	Non-maintail ed light	
Vormal Operation	6	SL 55011 CG-S		Maintained light (mains	Non-maintained light	
Delay on mains re	t. 7	SL 3301 CG-S		Maintained light (mains	Non-maintained light	
	8	RZ 55011 CG-S PU		Maintained light (mains	Non-maintained light	
ISO +	9	RZ 55011 CG-S PU		Maintained light (mains	Non-maintained light	
100 1	10	RZ 55011 CG-S PU		Non-maintained light	Non-maintained light	$\mathbf{\lambda}$
ISO -	11	RZ 55011 CG-S PU		Maintained light (mains	Non-maintained light	
	12	SL 40031 CG-S		Non-maintained light	Non-maintained light	
Fuse DC	13	SL 40031 CG-S		Non-maintained light	Non-maintained light	
	14	SL 40031 CG-S		Maintained light (mains	Non-maintained light	
Fuse AC	15	SL 40031 CG-S		Maintained light (mains	Non-maintained light	
	16	R2 55011 CG-S PU		Maintained light (mains	Non-maintained light	Lavout
Overload	1/	RZ 55021 CG-S PO		Maintained light (mains	Non-maintained light	
	10			Maintaineu light (mains	Non-maintained light	Print
Current value I <imin< td=""><td>19</td><td></td><td></td><td>Maintained light (mains</td><td>Non-maintained light</td><td>Configuration</td></imin<>	19			Maintained light (mains	Non-maintained light	Configuration
	20			Maintaineu light (mains	Non-maintained light	(consider order)
						back
1						
Group 1	Type ZB-	S ZB Device 1	21.12.2005 0	8:19.59 Start FT		
	Group Device	Message		Released Sta	ste	
cknowledge	1	SKU 1/7 SK 1: 1aKappaKappapagakappa	28	21.12.05.08.22.10 On		
cknowledge all	1 1	FT running		21.12.05 08:22.07 Off		
And and a state of the second s		Battery operation		21.12.05 08.22.07 01		

# 8.4 Using the building layouts

### 8.4.1 Load and use

#### Structure of a building layout



### 8.4.1 Load and use



a). "Circuit + " Load of the next Building layout

b). " Circuit - " Load of the previous Building layout

c). "Print (Circuit)" Printout of the luminaire status list, and the building layout of the current circuit

d). "Failure + " Load of the next Building layout with faulty luminaires

e). "Failure - " Load of the previous Building layout with faulty luminaires

f)."Print (Failures)" Printout of the luminaire status and building layout of faulty circuits

g)."Print (all)" Printout of the luminiare status and building layout of all circuits

h). "back" Back to the circuit picture

### 8.4.2 Extended functions



### 8.4.2 Extended functions



# 8.5 Safe/Load of a building layout programming

It is recommended to make an backup of the new building layout programming , e.g. on CD. This is possible in the menu "Services". It allows to load a building layout programming at any time.



## 8.6 CGP-Dataimport of a building layout programming

In case of a replacement of an old CGP, it is possible to import an existing building layout programming of a CGP. For this is in the menu "Services" a button "Import CGP-building layout"



## 8.6 CGP-Dataimport of a building layout programming

After click on the button, following message appears:

Import (	CGP-building layout
1	Please, convert the CGP picture files(*.PCX) into the BMP-format and copy then these files in the directory \CEAG\CGVision\Bitmaps!
	(COK

Due to the fact that the pictures of a existing CGP building layout programming are in .pcx-format in 640 x 460 pixel, it is necessary to convert these in .bmp-format. This is possible with a standard graphik software in an easy way. After the conversion, the pictures have to be copied in the destination folder C:\Programs\CEAG\CGVision\BITMAPS

After click on O.K., the correct destination folder must be choosed for the Leuchtexx.dat, which is copied from the CGP.

Öffnen			? 🗙
<u>S</u> uchen in: 🔀	Texte _	· + 🖻	📸 🎟 •
Ieuchte07.dat			
Datei <u>n</u> ame: Le	uchte*.DAT		0 <u>í</u> fnen
Dateityp: .D	AT (Leuchte??.dat)	•	Abbrechen

After correct selection following message appears. Due to the fact that the pictures from the CGP are in 640 x 460 pixel, it is possible to convert the pictures in the correct CGV ision size of 800 x 575 pixel.



After confirmation with "Ja", the import and the conversion will start. Now the building layout programming is ready for use.

Notices:

Notices:

#### **CEAG Notlichtsysteme GmbH**

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