

# Operating Instructions

MEW01431

Revision 2

## ***WebG3 V1.1.x for Web-server II, 1598***

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# 1 Introduction

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Web-server II (1598) is the hardware and the functions are depending on which software that is downloaded as well as which configuration data that is created and downloaded.

The software (WebG3) is downloaded at the same time as the configuration data to the Web-server II via a Config Tool (a PC program). The Config Tool is depending on the EBL system and the EBL software version.

This document describes the following software:

**WebG3 V1.1.x for Web-server II 1598.**

To create the configuration data the **WebG3 Config Tool V1.1.x** shall be used. It is also used to download both the configuration data and the software to the Web-server II (1598).

The Web-server II is used when one EBL512 G3 control unit or a system with two or more EBL512 G3 control units in a TLON Network, shall be connected to Internet / an intranet (LAN), **to a Security Management system** and/or as a Gateway, as follows:

- For presentation of EBL512 G3 status in a PC (web browser).
- For remote control of EBL512 G3 via encrypted and safe two-way communication.
- As an e-mail client.
- **EBLnet (via TCP/IP), for connection of the EBL system to a Security Management system.**
- As a Gateway.

## NOTE!

The Config Tool version has to be the same as the EBL512 G3 software version regarding the two first digits, e.g. version 1.1.x and 1.1.x respectively.

## 2 Definitions / Explanations

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Definitions / explanations / abbreviations / etc. frequently used or not explained elsewhere in the document.

**C.i.e.** Control and indicating equipment (=control unit; C.U.)

**C.U.** Control unit (=Control and indicating equipment)

**S/W** Software

**H/W** Hardware

### **EBL System**

Two or more control units connected to a TLON Network.

### **Circular log / list**

The log / list re-starts when it is "full". The first events will be overwritten, i.e. a circular log / list shows the xx latest events.

### **Straight log / list**

The log / list stops when it is full and has to be erased before the logging can start again, i.e. a straight log shows the xx earliest events.

**LAN** Local Area Network.



### 3 General description

The **Web-server II** (1598) can be used with one, two, three or four of the following functions:

1. As a web-server for presentation of the actual EBL512 G3 status in a PC using the web browser *Microsoft Internet Explorer*, via Internet or an intranet (LAN). See page 9.
2. As a web-server also for remote control of EBL512 G3 via encrypted and safe two-way communication (HTTPS). See page 9.
3. As an e-mail client to send e-mails in case of special events (e.g. fire alarm, fault, etc.), see page 49.
4. As a Gateway to a separate system, i.e. to transmit and present fire alarm information in another (PC) system. See chapter "Gateway", page 53.
5. To connect the EBL512 G3 system to a Security Management system.

The Web-server II has to be configured and the Web-server II software has to be downloaded via **WebG3 Config Tool V1.1.x**. See also chapter "Introduction", page 5.

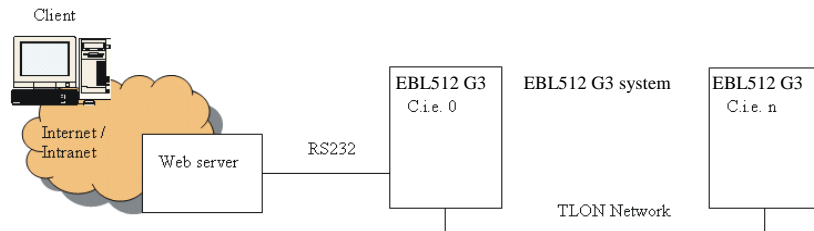


Figure 1. A PC is connected to an EBL512 G3 system via Internet / an intranet (LAN) and the Web-server II, 1598.

### 3.1 Web-server II, 1598



*Figure 2. Web-server II, 1598.*

The Web-server II consists of a light grey plastic cabinet, which shall be vertically mounted on a DIN rail.<sup>1</sup>

The Web-server II has four interfaces.

For connections and technical data, see Technical Description for Web-server II, 1598 (MEW01035).

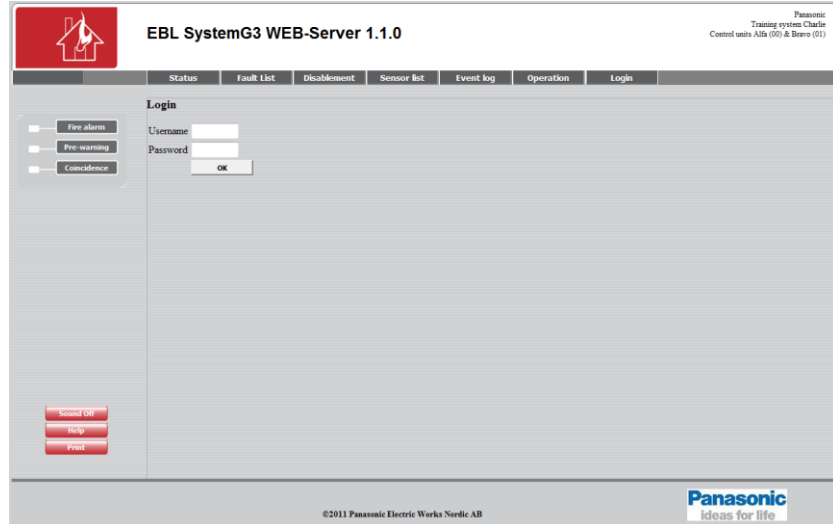
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<sup>1</sup> A symmetric 35 mm DIN rail is by delivery mounted inside the EBL512 G3 units.

## 4 Functions

The following chapters describes all Web-server II functions.

The **start page** in the browser might look as follows (before login):



**NOTE!** The look might vary depending on screen resolution, settings, etc.

*Up to the right:* A predefined text string (Custom Logo & **Text**) with data about the actual system, see chapter "Text", page 56.

*Down to the right:* An image (Custom **Logo** & Text), see chapter "Logo", page 56.

A number of buttons (hyperlinks to other pages).

Depending on if "Anonymous login" is allowed or not, *User name* and *Password* are required or not required, to see the status information.

Even if the Web-server II is to be used for status information only (User level 1), it is recommended to use *User name* and *Password* (i.e. "Anonymous login" is not recommended).

For remote control and access to corresponding information, a *User name* and a *Password* are always required for **User level 2** (Daily), **User level 3** (Maintenance) and **User level 4** (Service).

The Web-server II has to be configured via the PC tool **WebG3 Config Tool 1.1.x**, see page 45.

**User level 1** (Status information only.)

**User level 2** (Daily)

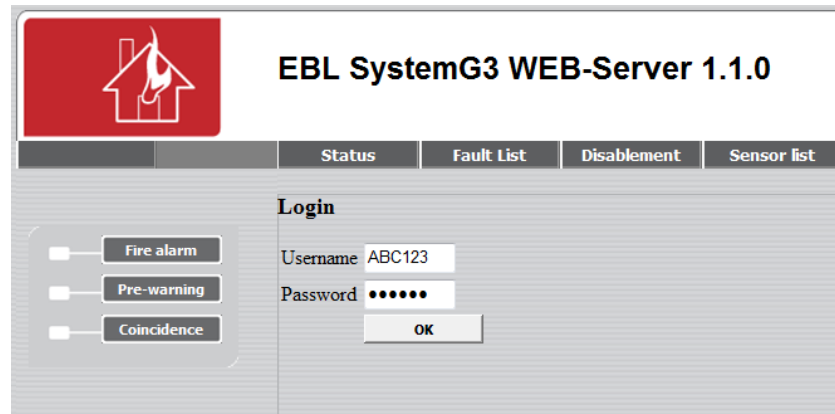
**User level 3** (Maintenance)

**User level 4** (Service)

## 4.1 Login

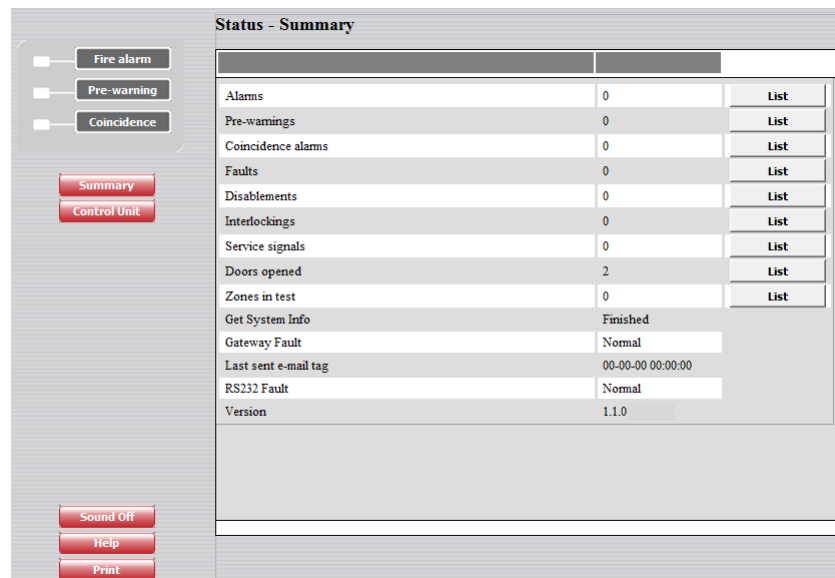
**Username:** Type the *User name* for the User level respectively.

**Password:** Type the *Password* for the User level respectively.



Click **OK** to open the **Status – Summary** view.

**NOTE!** It is possible to have a "User lockout" for one hour, after three unsuccessful login attempts.

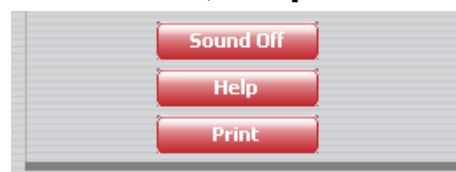


Status - Summary		
Alarms	0	List
Pre-warnings	0	List
Coincidence alarms	0	List
Faults	0	List
Disablements	0	List
Interlockings	0	List
Service signals	0	List
Doors opened	2	List
Zones in test	0	List
Get System Info	Finished	
Gateway Fault	Normal	
Last sent e-mail tag	00-00-00 00:00:00	
RS232 Fault	Normal	
Version	1.1.0	

Depending on the login *User name* and *Password* (i.e. depending on the User level), different buttons can be used for information only or information and remote control.

Regarding Logout, see chapter "Logout", page 43.

## 4.2 Sound Off, Help & Print



### 4.2.1 Sound Off

**NOTE!** This button is only visible if a sound file is downloaded and also Enabled, see chapter "Alarm sound", page 57.

When a fire alarm is activated the buzzer/speaker in the PC is used for the sound alert.

Click **Sound Off** to silence the buzzer/speaker in the PC (until a new fire alarm is activated).

### 4.2.2 Help

Click **Help** to open a help text. Regarding the user definable URL (web link) for the help text, see chapter "Language", page 62.

### 4.2.3 Print

Click **Print** to open a "Print" dialog box. Select a printer, do the required settings and click **Print** to start the printing.

You will get a print-out of the information shown in the view / list that is open. An example:

Panasonic  
Training system Charlie  
Control units Alfa (00) & Bravo (01)

## EBL SystemG3 WEB-Server 1.1.0

### Status - Summary

Alarms	0
Pre-warnings	0
Coincidence alarms	0
Faults	0
Disablenents	0
Interlockings	0
Service signals	0
Doors opened	2
Zones in test	0
Get System Info	Finished
Gateway Fault	Normal
Last sent e-mail tag	00-00-00 00:00:00
R5232 Fault	Normal
Version	1.1.0

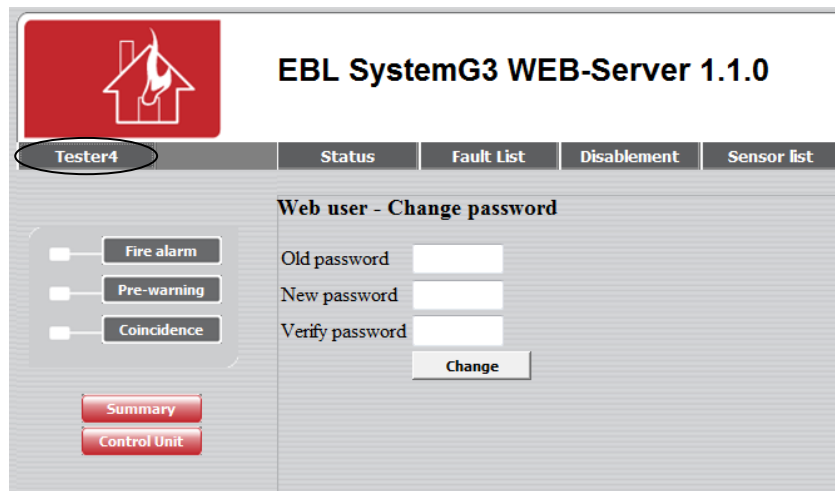
## 4.3 Change password

Click **Tester4** to open the **Web user – Change password** view:

**NOTE!** **Tester4** is valid in this example **only!**

The *User Name* that you used for logon will be shown here.

It is the *Password* for the user (*User name*) that was used for log on that can be changed. It is however, highly recommended to change the password via the WebG3 Config Tool instead.



The **Password** for any valid **User Name** can be changed.

**Old password:** Type the old password.

**New password:** Type the new password.

**Verify password:** Type the new password.

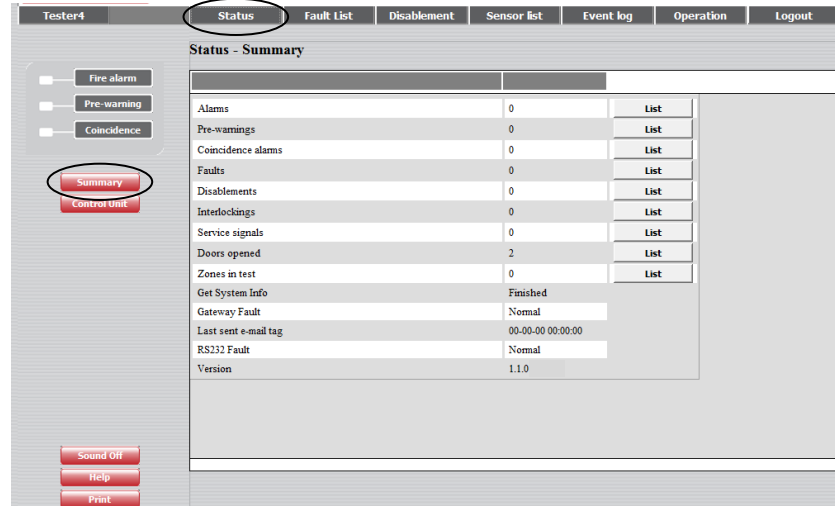
Click **Change** to carry out the change.

## 4.4 Status

After log in

or

In any other view click **Status** or **Summary** to see the **Status – Summary** view.



Depending on the log in **User level** (which is depending on **User name** and **Password**), different buttons can be used, which give access to remote control and information or information only.

The page is continuously updated (approx. each 10<sup>th</sup> sec.).

In case of inconsistency between the Web-server II and the EBL512 G3 system a synchronization can be done, e.g. via EBL512 G3, menu H8/S8 or via WinG3, see page 36. Also after restart of the Web-server II a synchronization is done (automatically).

Regarding **User name** and **Password**, see chapter "Functions", page 9.

**User level 1** is for presentation of the actual EBL512 G3 status only.

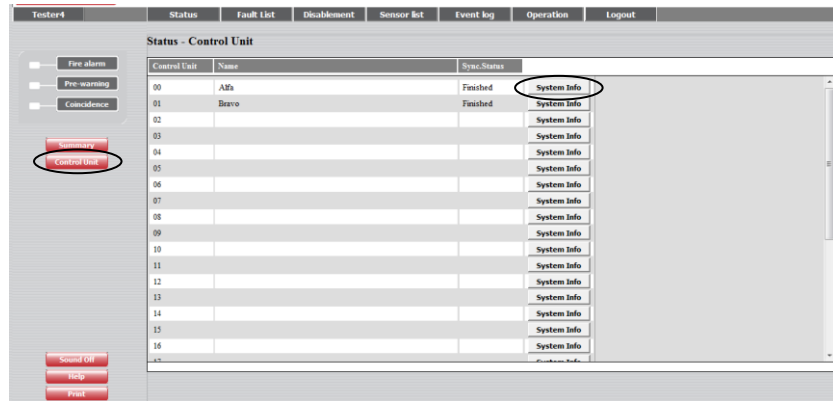
The user can, after log in on User level 1, view the **Status – Summary** information shown above.

**NOTE!** Alarms = fire, heavy smoke / heat, test mode, isolated and acknowledged / not acknowledged Alert Annunciation alarms.

The different **Items** and **Values** (number of alarms etc.) as well as each button are described on the following pages.

### 4.4.1 Control unit

Click **Control Unit** to open the **Status – Control Unit** view:



The control unit numbers, names and sync. status are displayed.

**Sync. Status**, see chapter "Synchronize", page 36.

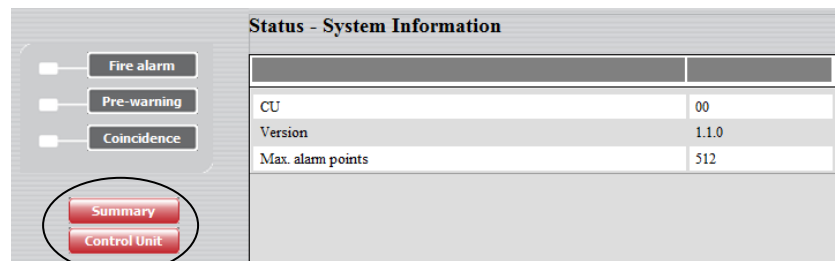
**Sync. Status** = Finished = The control unit info for the system have been picked up by the Web-server II.

**System Info**, see below.

#### 4.4.1.1

#### System Info

Click **System Info** to open the **Status – System Information** view:



System Information, i.e. the **Control Unit** number (00), its software **Version** (1.1.0) and the maximum number of **alarm points** that can be used (Max. alarm points; 512, 256 or 128) are displayed.

Click **Control Unit** to return the **Status – Control Unit** view.

Click **Summary** to return to the **Status – Summary** view.

#### 4.4.1.2

#### Gateway Fault

**Value** = Normal = The Web-server II  $\leftrightarrow$  external equipment communication is *OK* (no fault).

**Value** = Error = The Web-server II  $\leftrightarrow$  external equipment communication is *not OK*.

#### 4.4.1.3

#### Last sent e-mail tag

**Value** = Date (YY-MM-DD) and time (hh:mm:ss) when the last e-mail was sent. (This is also showing that the communication Web-server II  $\leftrightarrow$  SMTP server was *OK* at that time.)

#### 4.4.1.4

#### RS232 Fault

**Value** = Normal = The Web-server II  $\leftrightarrow$  EBL512 G3 communication (RS232) is *OK* (no fault).

**Value** = Error = The Web-server II  $\leftrightarrow$  EBL512 G3 communication (RS232) is *not OK*.

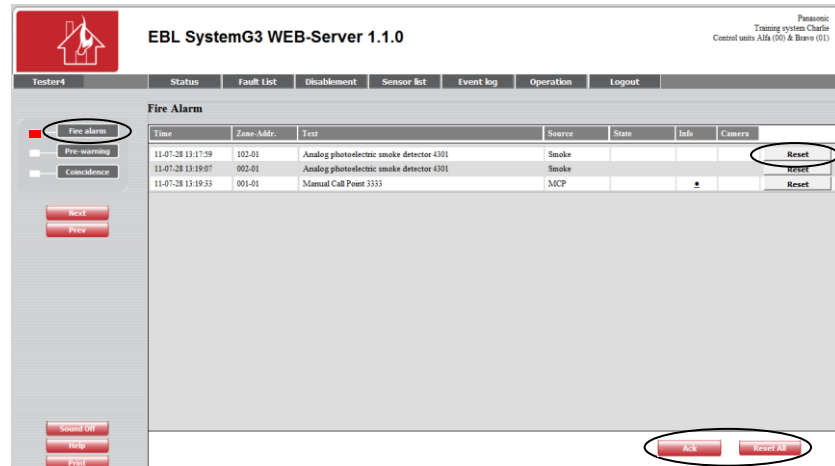


#### 4.4.1.5 Version

WebG3 version (e.g. 1.1.0).

#### 4.4.2 Alarm

In case of a fire alarm (**Value** > 0 and red indication), click **Fire alarm** or **List** to view the **Fire Alarm** list.



The **Time** (date & time), **Zone – Address** and **Text** (alarm text) are displayed.

**Source** = Smoke, Heat, Multi, MCP, Exting. system or Other.

**State** = Heavy smoke / heat, Test, Isolated and Alert Annunciation alarm acknowledged / not acknowledged (see NOTE! below).

**Info:** A hyperlink (🔗) to open a document, a drawing etc. for more information regarding the alarm point.

**Camera:** A hyperlink (🔗) to a web camera (or a document).

Click **Reset** to reset the fire alarm respectively. (Require log-in on **User level 3** or higher.)

Click **Reset All** to reset all fire alarms. (Require log-in on **User level 3** or higher.)

#### NOTE!

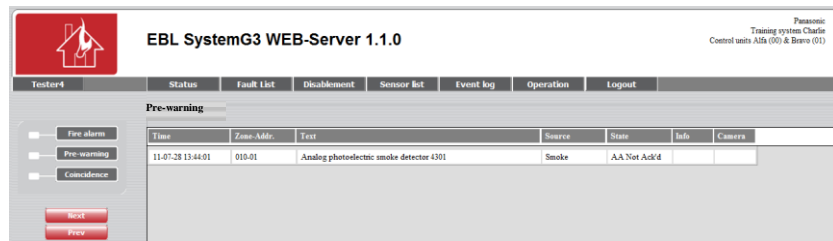
**Ack** will be visible to the left of **Reset All** if and only when an Alert Annunciation alarm is activated. The alarm State will be "AA Not Ack'd."

Click **Ack** to acknowledge Alert Annunciation alarm(s). After acknowledgement the State will be "AA Ack'd."

If the list is "full" click **Next** to see the next list and **Prev** to see previous list.

#### 4.4.3 Pre-warning

In case of a pre-warning (**Value** > 0 and yellow indication), click **Pre-warning** or **List** to view the **Pre-warning Alarm** list.



The **Time** (date & time), **Zone – Address** and **Text** (alarm text) are displayed.

**Source** = Smoke, Heat, Multi or Other.

**State** = -

**Info:** A hyperlink (🔗) to open a document, a drawing etc. for more information regarding the alarm point.

**Camera:** A hyperlink (🔗) to a web camera (or a document).

If the list is "full" click **Next** to see the next list and **Prev** to see previous list.

#### 4.4.4

### Co-incidence

In case of a co-incidence alarm (**Value** > 0 and yellow indication), e.g. one "two-address dependent alarm", click **Co-incidence** or **List** to view the **Co-incidence Alarm** list.



The **Time** (date & time), **Zone – Address** and **Text** (alarm text) are displayed.

**Source** = Smoke, Heat, Multi, MCP or Other.

**State** = -

**Info:** A hyperlink (🔗) to open a document, a drawing etc. for more information regarding the alarm point.

**Camera:** A hyperlink (🔗) to a web camera (or a document).

If the list is "full" click **Next** to see the next list and **Prev** to see previous list.

#### 4.4.5

### Faults

In case of one or more faults (**Value** > 0), click **Faults** or **Fault List** (yellow font colour) or **List** to view the **Fault list** view.

See chapter "Fault List", page 19.

#### 4.4.6 Disablements

In case of one or more disablements (**Value** > 0), click **Disablement** (yellow font colour) or **List** to view the **Disablement – Summary** view.

See chapter "Disablement", page 20.

#### 4.4.7 Interlockings

In case of one or more activated interlocking input / output (**Value** > 0), click **List** to view the **Activated Interlocking Comb.** view.

Activated Interlocking combinations		
Area-Point	Input	Output

#### 4.4.8 Service signals

Like menu H4/U5 (Sensors activating Service signal) and menu H8/S3 (Acknowledge Service signal) respectively.

In case of one or more detectors having activated service signal (**Value** > 0), click **List** to see the **Status – Service List** view.

Status - Service List		
Time	Tech.No	Zone-Addr.

Click **Acknowledge** (require login on **User level 4**) to acknowledge the service signal for the detector respectively.

#### 4.4.9 Doors Opened

Like menu H4/U3 (Open doors).

In case of one or more open doors (**Value** > 0), click **List** to see the **Status – Doors Opened** list.

Status - Doors Opened				
Time	Control Unit	Type	Board.No	FBP.No
11-01-12 14:38:49	00	Control Unit		
11-01-18 11:15:27	01	Control Unit		
11-01-19 08:56:28	01	FBP		0

#### 4.4.10 Zones in Test

Test mode, see chapter "Zone Test", page 33.

In case of zones in test mode (**Value** > 0), click **List** to see the "Zone Test" view.

Zone Test					
001	002	010	020	End	List

In case of one or more test mode alarms, click **List** to see the **Test mode Alarm** list.

Click **End** to end the test mode for the displayed zones.

Testmode Alarm						
Time	Zone-Addr.	Text	Source	State	Info	Camera
11-07-28 15:41:09	001-01	Manual Call Point 3333	MCP		•	
11-07-28 15:41:34	002-01	Analog photoelectric smoke detector 4301	Smoke			
11-07-28 15:41:34	010-01	Analog photoelectric smoke detector 4301	Smoke			
11-07-28 15:42:09	002-01	Analog photoelectric smoke detector 4301	Smoke			

The **Time** (date & time), **Zone – Address** and **Text** (alarm text) are displayed.

**Source** = Smoke, Heat, Multi, MCP, Exting. system or Other.

**Info:** A hyperlink (•) to open a document, a drawing etc. for more information regarding the alarm point.

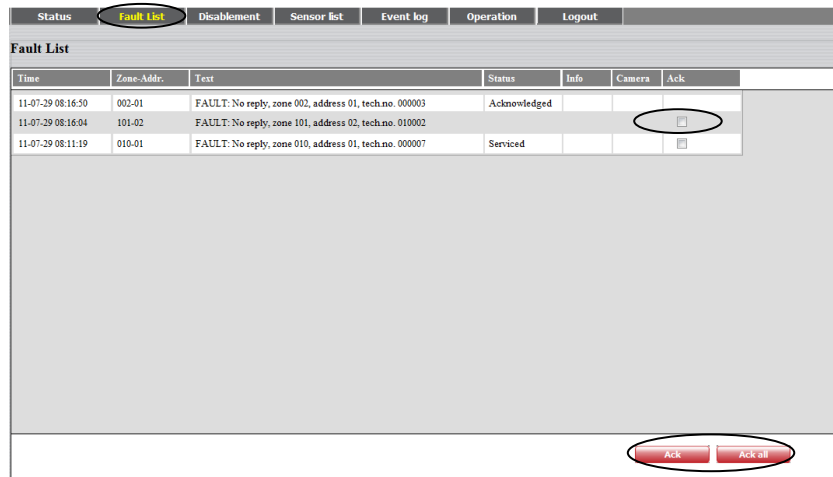
**Camera:** A hyperlink (•) to a web camera (or a document).

**Click Send Mail** to send an e-mail with the test mode alarm list. (E-mail addresses are programmed via the WebG3 Config tool.)

**Click Clear** to clear the list.

## 4.5 Fault List

In case of one or more faults (**Value** > 0), click **Fault List** (yellow font colour) or **Faults** (in the **Status – Summary** view) to view the **Fault List** view.



Time	Zone-Addr	Text	Status	Info	Camera	Ack
11-07-29 08:16:50	002-01	FAULT: No reply, zone 002, address 01, tech.no. 000003	Acknowledged			
11-07-29 08:16:04	101-02	FAULT: No reply, zone 101, address 02, tech.no. 010002				<input type="checkbox"/>
11-07-29 08:11:19	010-01	FAULT: No reply, zone 010, address 01, tech.no. 000007	Serviced			<input type="checkbox"/>

The **Time** (date & time), **Zone – Address** (when applicable), **Text** (fault message) are displayed. **Status** (Serviced / Acknowledged / "Blank" = Neither Serviced nor Acknowledged).

**Info:** A hyperlink (🔗) to open a document, a drawing etc. for more information regarding the alarm point (when applicable).

**Camera:** A hyperlink (📷) to a web camera (or a document) (when applicable).

**Ack:** A checkbox to select a fault for acknowledgement, see below.

**Click Ack** to acknowledge the selected fault(s). (Require log-in on **User level 2** or higher.)

**Click Ack all** to acknowledge all faults (without being selected). (Require log-in on **User level 2** or higher.)

If the list is "full" click **Next** to see the next list and **Prev** to see previous list.

## 4.6 Disablement

In case of one or more disablements (**Value** > 0), click **Disablement** (yellow font colour) or (in the **Status – Summary** view) to see the **Disablement – Summary** view:

Status	Fault List	Disablement	Sensor list	Event log	Operation	Logout
<b>Disablement - Summary</b>						
Zone Address	1	List				
Zone	1	List				
Output Type	2	List				
Interlocking output	0	List				
Loop unit Output	0	List				
Relay Output	0	List				
Voltage Output	0	List				
Exp. board Output	0	List				
Control Unit Loop	0	List				
Zone Interface	0	List				
Zone Line Input	0	List				
By Time Channel	0	List				
Alert annunciation	0	List				

The different **Items** (types) and **Values** (number of disablements for the type respectively) are shown.

**Value** > 0 indicates disablement(s). Click the **List** button respectively to see the disablement(s), including additional information.

### 4.6.1 Zone Address.

Click **List** to view the **Disablement list – Zone Address** list.

<b>Disablement list - Zone Address</b>					
Time	Zone-Addr.	Re-enable time	Reason	Info	Camera
11-07-29 08:41:49	001-02		menu		ReEnable

The **Time** (date & time), **Zone – Address**, **Re-enable time** and **Reason** (e.g. via the menu) is displayed.

**Info:** A hyperlink (🔗) to open a document, a drawing etc. for more information regarding the alarm point.

**Camera:** A hyperlink (📷) to a web camera (or a document).

Click **ReEnable** to re-enable the disablement respectively. (Require log-in on **User level 2** or higher.)

If the list is "full" click **Next** to see the next list and **Prev** to see previous list.

Click **Summary** to return to the **Disablement – Summary** view.

### 4.6.2 Zone

Click **List** to view the **Disablement list – Zone** list.

<b>Disablement list - Zone</b>		
Time	Zone	Re-enable time
11-01-19 10:15:57	002	ReEnable

Click **ReEnable** to re-enable the disablement respectively. (Require log-in on **User level 2** or higher.)

If the list is "full" click **Next** to see the next list and **Prev** to see previous list.

Click **Summary** to return to the **Disablement – Summary** view.

#### 4.6.3

### Output type

Click **List** to view the **Disablement list – Output Type** list.

Disablement list - Output Type				
Time	Control Unit	Reason	Type	
11-07-29 08:42:25	01	menu	Alarm Devices	<b>ReEnable</b>
11-07-29 08:42:25	00	menu	Alarm Devices	<b>ReEnable</b>

Click **ReEnable** to re-enable the disablement respectively. (Require log-in on **User level 2** or higher.)

If the list is "full" click **Next** to see the next list and **Prev** to see previous list.

Click **Summary** to return to the **Disablement – Summary** view.

#### 4.6.4

### Inter. Output (Interlocking Output.)

Click **List** to view the **Disablement list – Interlocking** list.

Disablement list - Interlocking		
Time	Area-Point	
08-01-30 08:38:27	003-01	<b>ReEnable</b>

Click **ReEnable** to re-enable the disablement respectively. (Require log-in on **User level 2** or higher.)

If the list is "full" click **Next** to see the next list and **Prev** to see previous list.

Click **Summary** to return to the **Disablement – Summary** view.

#### 4.6.5

### Loop unit Output

E.g. loop units 3361 & 3364 outputs.

Click **List** to view the **Disablement list – Loop unit Output** list.

Disablement list - Loop unit Output							
Time	Control Unit	Loop	Address	Type	Output	Reason	
11-07-29 09:07:38	00	0	010	Control	00	menu	<b>ReEnable</b>

Click **ReEnable** to re-enable the disablement respectively. (Require log-in on **User level 2** or higher.)

If the list is "full" click **Next** to see the next list and **Prev** to see previous list.

Click **Summary** to return to the **Disablement – Summary** view.

#### 4.6.6

### Relay Output

Click **List** to view the **Disablement list – Relay Output** list.

Disablement list - Relay Output					
Time	Control Unit	Type	Output	Reason	
08-01-30 08:52:29	01	Control	01	menu	<a href="#">ReEnable</a>

Click **ReEnable** to re-enable the disablement respectively. (Require log-in on **User level 2** or higher.)

If the list is "full" click **Next** to see the next list and **Prev** to see previous list.

Click **Summary** to return to the **Disablement – Summary** view.

#### 4.6.7

### Voltage Output

Click **List** to view the **Disablement list – Voltage Output** list.

Disablement list - Voltage Output					
Time	Control Unit	Type	Output	Reason	
08-01-30 08:55:55	00	Alarm Devices	00	menu	<a href="#">ReEnable</a>

Click **ReEnable** to re-enable the disablement respectively. (Require log-in on **User level 2** or higher.)

If the list is "full" click **Next** to see the next list and **Prev** to see previous list.

Click **Summary** to return to the **Disablement – Summary** view.

#### 4.6.8

### Exp. board Output

E.g. 4581 / 4583 outputs.

Click **List** to view the **Disablement list – Exp. board Output** list.

Disablement list - Exp. board Output						
Time	Control Unit	Board.No	Type	Output	Reason	
11-07-29 09:14:28	00	01	Control	3	menu	<a href="#">ReEnable</a>

Click **ReEnable** to re-enable the disablement respectively. (Require log-in on **User level 2** or higher.)

If the list is "full" click **Next** to see the next list and **Prev** to see previous list.

Click **Summary** to return to the **Disablement – Summary** view.

#### 4.6.9

### Control Unit Loop (COM loop 0-3.)

Click **List** to view the **Disablement list – Control Unit Loop** list.

Disablement list - Control Unit Loop			
Time	Control Unit	Loop	
08-01-30 09:04:39	00	02	<a href="#">ReEnable</a>

Click **ReEnable** to re-enable the disablement respectively. (Require log-in on **User level 2** or higher.)

If the list is "full" click **Next** to see the next list and **Prev** to see previous list.

Click **Summary** to return to the **Disablement – Summary** view.



#### 4.6.10 Zone interface

E.g. 3361 zone line input.

Click **List** to view the **Disablement list – Loop Unit Loop** list.

Time	Control Unit	Tech.No	Loop

Click **ReEnable** to re-enable the disablement respectively. (Require log-in on **User level 2** or higher.)

If the list is "full" click **Next** to see the next list and **Prev** to see previous list.

Click **Summary** to return to the **Disablement – Summary** view.

#### 4.6.11 Zone line input

E.g. 4580 zone line input.

Click **List** to view the **Disablement list – Zone line input** list.

Time	Control Unit	Card	Input
11-07-29 09:20:02	00	00	00

Click **ReEnable** to re-enable the disablement respectively. (Require log-in on **User level 2** or higher.)

If the list is "full" click **Next** to see the next list and **Prev** to see previous list.

Click **Summary** to return to the **Disablement – Summary** view.

#### 4.6.12 By Time Channel

Click **List** to view the **Disablement list – Time Channel** list.

Zone-Addr.	Info	Camera
010-02		
110-01		

Like menu H4/U2.

Zones and alarm points (Zone-Addr.) disabled via a time channel.

**Info:** A hyperlink (🔗) to open a document, a drawing etc. for more information regarding the alarm point.

**Camera:** A hyperlink (🔗) to a web camera (or a document).

If the list is "full" click **Next** to see the next list and **Prev** to see previous list.

Click **Summary** to return to the **Disablement – Summary** view.

### 4.6.13 Alert annunciation

Click **List** to view the **Disablement list – Alert annunciation** view / list.

The Alert Annunciation function can be disabled via menu H2/B10.

Disablement list - Alert annunciation	
Time	Text
09-09-10 09:38:01	Alert annunciation function turned off by menu

Click **Summary** to return to the **Disablement – Summary** view.

## 4.7 Sensor list

**NOTE!** Log in on User level  $\geq 2$  is required.

Click **Sensor list** to see the **Sensor Information** view.

### 4.7.1 Search by Tech. No.

**Tech. No.**

The search will start as from the specified technical number.

Click **Search** to start the searching.

Tech.No	Zone-Addr.	Type	Momentary	Weekly	Per.Factor	Min	Max	Info	Camera
000002	001-02	Heat	23°C			23°C	24°C		
000003	002-01	Smoke	0.1 %/m	0.1 %/m	0.00	0.1 %/m	18.7 %/m		
000005	002-03	Smoke (Multi)	0.2 %/m	0.1 %/m	0.11	0.1 %/m	0.7 %/m		
		Heat (Multi)	23°C			22°C	24°C		
000007	010-01	Smoke	0.1 %/m	0.1 %/m	0.00	0.1 %/m	21.4 %/m		
000009	010-02	Heat	25°C			24°C	26°C		
001001	020-01	12	12						
010002	101-02	Heat	23°C			23°C	24°C		
010003	102-01	Smoke	0.1 %/m	0.2 %/m	0.05	0.1 %/m	17.9 %/m		
010005	102-02	Smoke (Multi)	0.2 %/m	0.1 %/m	0.03	0.1 %/m	12.7 %/m		
		Heat (Multi)	23°C			22°C	24°C		
010007	110-01	Smoke	0.1 %/m	0.1 %/m	0.00	0.1 %/m	0.5 %/m		

A sensor (analog detector) list in technical number order.

If the list is "full" click **Next** to see the next list and **Prev** to see previous list.

Click **Sensor Menu** to return to the **Sensor Information** view.

Click **By Service** to start the searching only for detectors having activated Service signal. The sensors (analog smoke detectors) will be listed in technical number order.

### 4.7.2 Search by Zone - Address

**Zone – Addr.**

The search will start as from the specified Zone – Address.

**NOTE!** The specified Zone – Address has to be a heat or smoke detector.

Click **Search** to start the searching.

A sensor (analog detector) list in technical number order, starting at the specified Zone-Address. The list will be like the list for "Search by Tech. No." above.

If the list is "full" click **Next** to see the next list and **Prev** to see previous list.

Click **Sensor Menu** to return to the **Sensor Information** view.

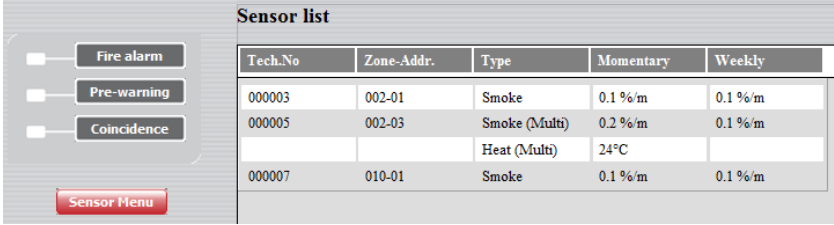
### 4.7.3

## Search by Limit

### Control unit and Limit

The search will start in the specified Control Unit and as from the specified Limit (obscuration in % / m).

Click **Request** to start the searching.



Sensor list				
Tech.No	Zone-Addr.	Type	Momentary	Weekly
000003	002-01	Smoke	0.1 %/m	0.1 %/m
000005	002-03	Smoke (Multi)	0.2 %/m	0.1 %/m
		Heat (Multi)	24°C	
000007	010-01	Smoke	0.1 %/m	0.1 %/m

A sensor list (analog smoke detectors) of the Weekly (week average) sensor values  $\geq$  the specified Limit. (Can be used to search for detectors near the Service signal level.)

If the list is "full" click **Next** to see the next list and **Prev** to see previous list.

Click **Sensor Menu** to return to the **Sensor Information** view.

## 4.8 Event log

Click **Event log** to see the **Event log – General** view.

The EBL512 G3 events are stored into three different event logs, i.e. the General, Alarm and Interlocking log respectively.

The events are stored both in the EBL512 G3 c.i.e. and in the Web-server.<sup>2</sup>

There is also a Web-server event log.

### 4.8.1 General

The **Event log - General** list (open as default):

No.	Time	Text	Origin
1	11-07-29 10:42:14	Zone line input 0 expansion board 0 control unit 00 re-connected	Control Unit 00
2	11-07-29 10:42:15	Command: Re-connect zone line input 0 expansion board 0 control unit 00	WebG3
3	11-07-29 10:42:04	Output 3 exp. board 1 CU 00 re-enabled by menu	Control Unit 00
4	11-07-29 10:42:06	Command: Re-enable output 3 exp. board 1 control unit 00	WebG3
5	11-07-29 10:41:55	Output 0 tech.no. 000010 re-enabled by menu	Control Unit 00
6	11-07-29 10:41:57	Command: Re-enable output 0 tech.no. 000010	WebG3
7	11-07-29 10:41:47	Alarm devices in CU 00 re-enabled by menu	Control Unit 00
8	11-07-29 10:41:49	Command: Re-enable alarm devices in control unit 00	WebG3
9	11-07-29 10:41:46	Alarm devices in CU 01 re-enabled by menu	Control Unit 01
10	11-07-29 10:41:48	Command: Re-enable alarm devices in control unit 01	WebG3
11	11-07-29 10:41:39	Zone 100 re-enabled	Control Unit 00
12	11-07-29 10:41:41	Command: Re-enable zone 100	WebG3
13	11-07-29 10:41:30	Zone 001 address 02 re-enabled	Control Unit 00
14	11-07-29 10:41:31	Command: Re-enable zone 001 address 02	WebG3
15	11-07-29 09:20:02	Zone line input 0 expansion board 0 control unit 00 disconnected	Control Unit 00
16	11-07-29 09:20:03	Command: Disconnect zone line input 0 expansion board 0 control unit 00	WebG3
17	11-07-29 09:18:58	Command: Disconnect zone line input 5 expansion board 0 control unit 01	WebG3
18	11-07-29 09:14:28	Output 3 exp. board 1 CU 00 disabled by menu	Control Unit 00

The number of events and type of events logged here are depending on if the option **Use Extended Log** is selected in the **Web config tool** or not:

**Selected:** All events (except the Web Events) will be logged in the "General" event log. Up to 10000 events in the list.

**Not selected:** All events, except "Alarm", "Interlocking" and "Web" events will be logged in the "General" event log. Up to 999 events in the list.

"Alarm", "Interlocking" and "Web" events will be logged / presented in separate event logs, see below.

If the list is "full" click **Next** to see the next list and **Prev** to see previous list.

Click **General** to return to the **Event log - General** view.

### 4.8.2 Fire alarm

Click **Fire alarm** to see the **Event log – Fire alarm** list:

<sup>2</sup> If the Web-server is disconnected, the events during that time will not be saved in the Web-server, i.e. not shown in the event log. When you restart the Web-server, the event log will be erased.

No.	Time	Text	Origin
1	11-07-28 15:53:28	Command: Reset all alarms	Control Unit 00
2	11-07-28 15:42:21	FIRE ALARM zone 102 address 02	Control Unit 01
3	11-07-28 15:42:18	Zone 002 address 01 in normal condition	Control Unit 00
4	11-07-28 15:42:14	FIRE ALARM zone 102 address 01	Control Unit 01
5	11-07-28 15:42:09	ALARM zone 002 address 01 (test)	Control Unit 00
6	11-07-28 15:42:08	ALARM zone 101 address 01 (MCP)	Control Unit 01
7	11-07-28 15:42:04	Zone 010 address 01 in normal condition	Control Unit 00
8	11-07-28 15:41:54	ALARM zone 010 address 01 (test)	Control Unit 00
9	11-07-28 15:41:44	Zone 002 address 01 in normal condition	Control Unit 00
10	11-07-28 15:41:34	ALARM zone 002 address 01 (test)	Control Unit 00
11	11-07-28 15:41:19	Zone 001 address 01 in normal condition	Control Unit 00
12	11-07-28 15:41:09	ALARM zone 001 address 01 (test)	Control Unit 00
13	11-07-28 14:02:48	Zone 010 address 01 in normal condition	Control Unit 00
14	11-07-28 14:02:47	Command: Reset zone 010 address 01	WebG3
15	11-07-28 13:44:31	FIRE ALARM zone 010 address 01	Control Unit 00
16	11-07-28 13:44:01	ALARM zone 010 address 01 (alert announcement)	Control Unit 00
17	11-07-28 13:40:32	Command: Reset all alarms	WebG3
18	11-07-28 13:19:33	ALARM zone 001 address 01 (MCP)	Control Unit 00
19	11-07-28 13:19:07	FIRE ALARM zone 002 address 01	Control Unit 00

All Fire alarms, co-incidence alarms and pre-warnings will be logged. Up to 999 events in the list.

If the list is "full" click **Next** to see the next list and **Prev** to see previous list.

Click **General** to return to the **Event log - General** view.

### 4.8.3

#### Interlocking

Click **Interlocking** to see the **Event log – Interlocking** list:

No.	Time	Text	Origin
1	11-07-29 10:47:44	Interlocking output 003/01 deactivated	Control Unit 01
2	11-07-29 10:47:21	Interlocking output 003/01 activated	Control Unit 01

All Interlocking events will be logged. Up to 999 events in the list.

If the list is "full" click **Next** to see the next list and **Prev** to see previous list.

Click **General** to return to the **Event log - General** view.

### 4.8.4

#### Web Event

Click **Web Event** to see the **Event log – Web Event** list:

No.	Time	Text	User	IP address
1	11-07-29 09:55:29	Login	Tester4	10.254.69.101
2	11-07-29 09:30:31	Timeout		
3	11-07-29 09:28:54	Logout	Tester4	10.254.69.101
4	11-07-29 08:09:10	Login	Tester4	10.254.69.101
5	11-07-28 15:57:42	Timeout		
6	11-07-28 15:57:34	Timeout		
7	11-07-28 15:56:03	Logout	Tester4	10.254.69.101
8	11-07-28 14:30:10	Login	Tester4	10.254.69.101
9	11-07-28 14:29:13	Timeout	Tester4	10.254.69.101
10	11-07-28 13:07:52	Login	Tester4	10.254.69.101

All Web events (normally Login / Logout) will be logged incl. who did it (User name). Up to 100 events in the list.

If the list is "full" click **Next** to see the next list and **Prev** to see previous list.

Click **General** to return to the **Event log - General** view.

**NOTE!** When there are 100 events in the list it will be automatically erased. Before that happens an e-mail, containing the event list, can be sent (see page 52).

## 4.9 Operation; Daily

**NOTE!** Log in on User level 2, 3 or 4 is required.

Click **Operation** to open the Operation view.



....to get access to the following buttons:

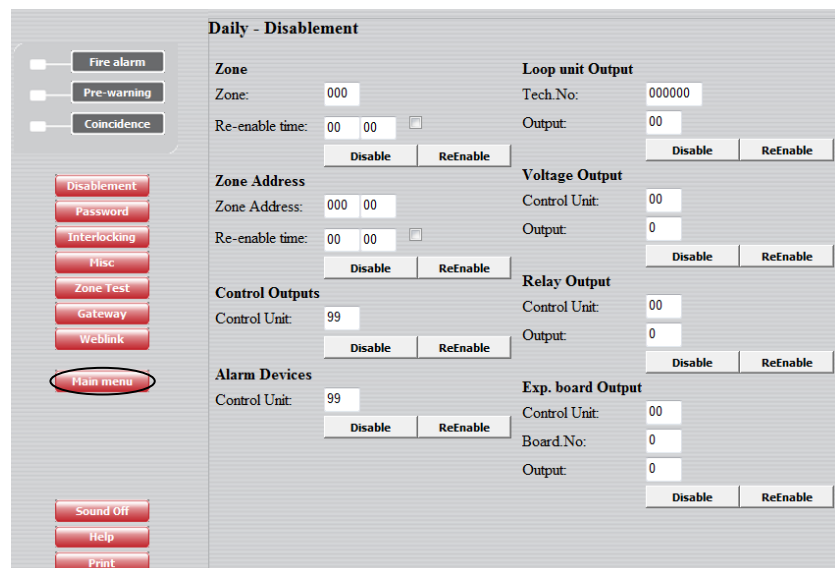
**Daily** (User level 2 is required.) See below.

**Maintenance** (User level 3 is required.) See page 35.

**Service** (User level 4 is required.) See page 38.

### 4.9.1 Daily - Disablement

Click **Daily** to see the **Daily - Disablement** view.



Click **Main menu** in any of the "daily" views below to return to the **Operation** view.

#### 4.9.1.1 Zone

Like menu H2/B1 & B4.

A specified **Zone** can be disabled / re-enabled and a **Re-enable time** can be set.

#### 4.9.1.2 Zone – Address

Like menu H2/B2 & B5.

A specified alarm point (**Zone-Address**) can be disabled / re-enabled and a **Re-enable time** can be set.

#### 4.9.1.3 Control Outputs

Like menu H2/B3 & B6.

All control outputs type "control", "fire ventilation" and "extinguishing system" can be collectively disabled / re-enabled (all at



the same time) in all control units (99) or in a specified control unit (00-29).

#### 4.9.1.4 Alarm Devices

Like menu H2/B8.

All control outputs type "alarm device" can be collectively disabled / re-enabled (all at the same time) in all control units (99) or in a specified control unit (00-29).

#### 4.9.1.5 Loop unit Output

3361 / 3364 unit output.

Like menu H2/B3 & B6.

A specified output (0-1) on a specified COM loop unit (technical number) can be disabled / re-enabled.

#### 4.9.1.6 Voltage Output

S0-S3.

Like menu H2/B3 & B6.

A specified voltage output (S0-S3) in a specified control unit (00-29) can be disabled / re-enabled.

#### 4.9.1.7 Relay Output

R0-R1

Like menu H2/B3 & B6.

A specified relay output (R0-R1) in a specified control unit (00-29) can be disabled / re-enabled.

#### 4.9.1.8 Exp. board Output

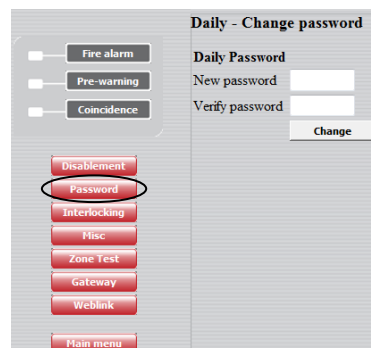
4581 / 4583 output.

Like menu H2/B3 & B6.

A specified relay output (RE0-RE7) on a specified expansion board 4581, 8 relays expansion board (0-5), in a specified control unit (00-29), can be disabled / re-enabled.

#### 4.9.2 Password (Access code)

Click **Password** to see the **Daily – Change password** view.



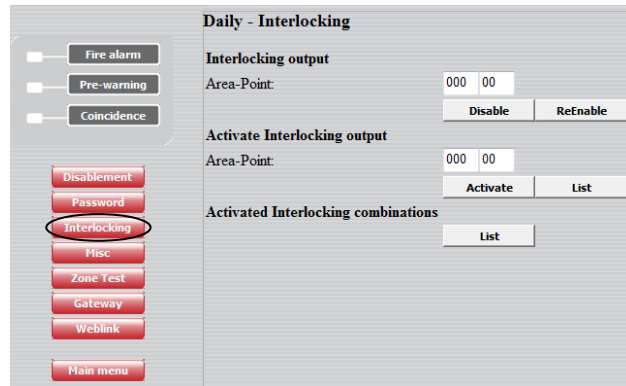
Like menu H10.

The access code (password) for **Daily duties**, four digits, can be changed. (EBL512 G3 access level 2B.)

Click **Change** to change the access code.

## 4.9.3 Interlocking

Click **Interlocking** to see the **Daily – Interlocking** view.



### 4.9.3.1 Interlocking output

Like menu H9/C4 & C5.

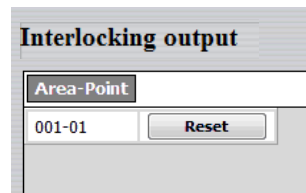
A specified interlocking combination (**Area-Point**) output can be disabled / re-enabled.

### 4.9.3.2 Activate Interlocking output

Like menu H9/C2 & C3.

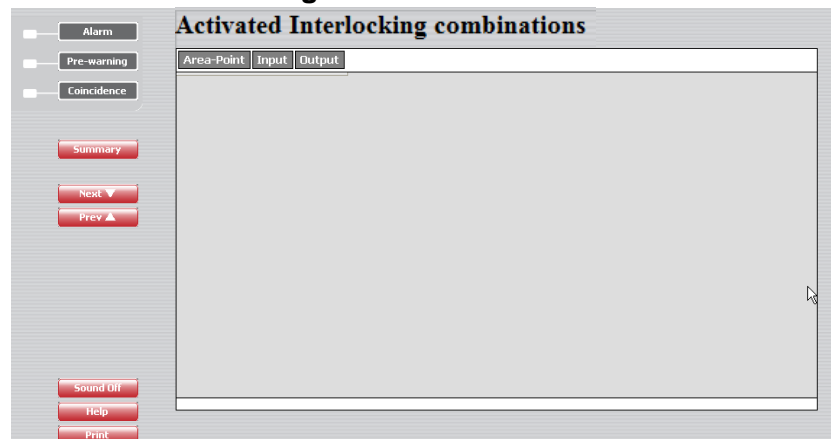
A specified interlocking combination (**Area-Point**) output can be activated (set).

Click **Inter. Output** to see an activated **Interlocking** outputs list:



Click **Reset** to reset (de-activate) the output respectively.

### 4.9.3.3 Activated Interlocking combinations



Like menu H9/C1 (except no text).

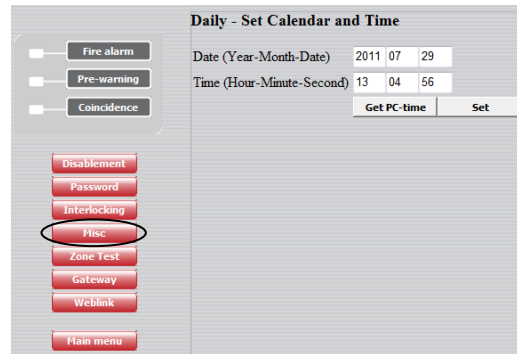
A list of activated interlocking combination (**Area-Point**) **Input** and **Output** respectively.

**NOTE!** A latched interlocking output has to be reset via menu H9/C3.

## 4.9.4

### Misc

Click **Misc** to see the **Daily – Set Calendar and Time** view.



### 4.9.4.1

#### Set Calendar and Time

The **Date** (Year – Month – Date) can be typed or taken from your PC, see below.

The **Time** (Hour – Minute – Second) can be typed or taken from your PC, see below.

Click **Get PC time** to automatically get the date and time from your PC in the Date and Time field respectively.

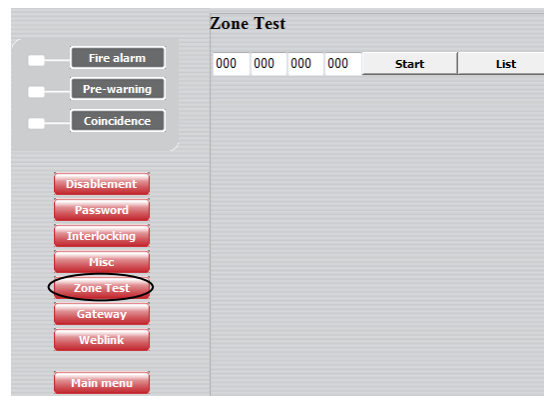
Click **Set** to set the date and time shown in the Date and Time field respectively.

Regarding date & time, see also chapter "NTP Settings", page 47.

## 4.9.5

### Zone Test

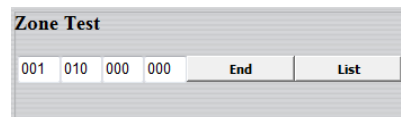
Click **Zone Test** to see the **Zone Test** view.



Like in menu H7.

One, two, three or four Zones can be set in test mode. Type the zone number in the white field respectively.

Click **Start** to start the test mode.



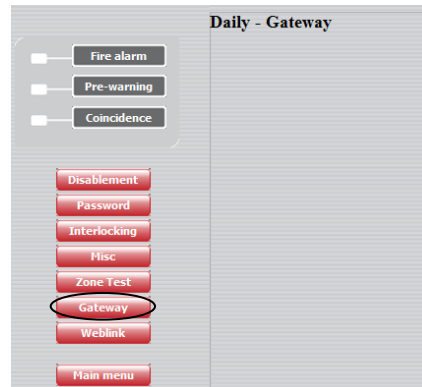
Click **End** to end the test mode.

Click **List** to open the **Test mode Alarm** view / list. (See page 17.) In that view an E-mail can be sent (**Mail**) and the list can be cleared (**Clear**).

## 4.9.6

### Gateway

Click **Gateway** to see the **Daily - Gateway** view – if no Gateway alternative is selected.



If Gateway **EBL Talk** is used, a view is opened.



A "fire alarm" for a specified alarm point can be sent from the Web-server II for testing purposes. Type a Zone-Address and click **OK**.

#### **NOTE!**

The above is valid for gateway **EBL Talk**.

For the gateway **Tateco** there will instead be a **Daily - Tateco Test** view with the same test facility.

## 4.10 Operation; Maintenance

**NOTE!** Log in on User level 2, 3 or 4 is required.

Click **Operation** to open the Operation view.



....to get access to the following buttons:

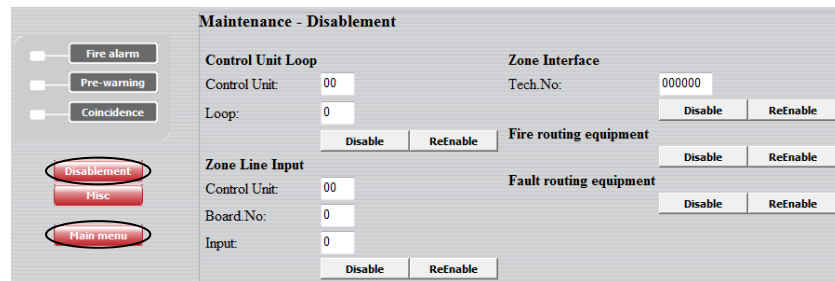
**Daily** (User level 2 is required.) See below.

**Maintenance** (User level 3 is required.) See page 35.

**Service** (User level 4 is required.) See page 38.

### 4.10.1 Maintenance – Disablement

Click **Maintenance** to see the **Maintenance - Disablement** view:



Click **Main menu** in any of the "maintenance" views below to return to the **Operation** view.

#### 4.10.1.1 Control Unit Loop

Like menu H8/S1 & S2.

A specified **COM Loop** (0-3) in a specified **Control Unit** (00-29) can be disabled / re-enabled.

#### 4.10.1.2 Zone line input

Like menu H8/S1 & S2.

A specified zone line input, **Loop** (0-7) on a specified expansion board 4580, 8 zones expansion **Board** (0-5), in a specified **Control Unit** (00-29), can be disabled / re-enabled.

#### 4.10.1.3 Zone interface

Like menu H8/S1 & S2.

The zone line input (0) on a specified COM loop unit (3361) / technical number (**Tech. No.**), can be disabled / re-enabled.

#### 4.10.1.4 Fire routing equipment

Like menu H2/B9.

The **FIRE** (fire brigade tx) output for routing equipment can be disabled / re-enabled.

#### 4.10.1.5 **Fault routing equipment**

Like menu H2/B9.

The **FAULT** (fault tx) output for routing equipment can be disabled / re-enabled.

#### 4.10.2 **Misc**

Click **Misc** to see the **Maintenance – Misc.** view.

Maintenance - Misc

Alert annunciation  
Disable ReEnable

Test Alarm devices  
Control Unit: 99  
Start End

Activate Alarm  
Zone-Addr.: 000 00  
Set

Synchronize  
OK Status

Silence Alarm Device  
On Off

Evacuate  
Start End

#### 4.10.2.1 **Alert Annunciation**

Like menu H2/B10.

The Alert Annunciation function can be disabled / re-enabled.

#### 4.10.2.2 **Test Alarm devices**

Like menu H8/S5.

All control outputs of type "alarm device" can be collectively tested (all at the same time) in all control units (99) or in a specified control unit (00-29).

Click **Start** to start the test.

Click **End** to end the test.

#### 4.10.2.3 **Activate Alarm**

Like menu H8/S7.

A specified alarm point (**Zone-Address**) can be set in fire alarm mode.

Reset the fire alarm like any other fire alarm, see chapter Alarm, page 15.

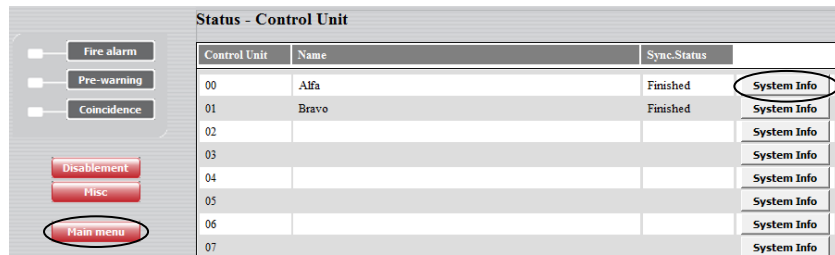
#### 4.10.2.4 **Synchronize**

Like menu H8/S8.

Click **OK** to start the synchronization.

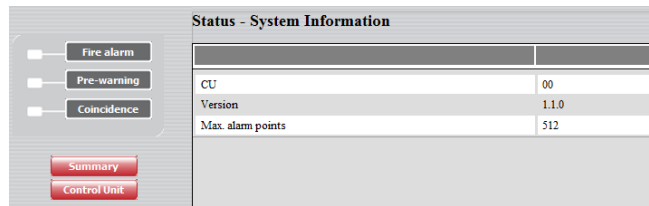
Click **Status** to open the **Status – Control Unit** view to see the **Sync. Status** for the control unit respectively.

**Sync. Status** "Not started" will change to "Finished" when the synchronization is finished.



Click **Main menu** to return to the **Operation** view.

Click **System Info** to see System Information, e.g. software Version (1.1.0) and maximum number of alarm points that can be used (Max. alarm points 512).



Click **Control Unit** to return to the **Status – Control Unit** view.

Click **Summary** to return to the **Status – Summary** view.

#### 4.10.2.5 Silence Alarm Device

Like the "Silence alarm devices" button on the EBL512 G3 front.

Click **On** to silence the alarm devices.

Click **Off** to end the silence function.

#### 4.10.2.6 Evacuate

Like the "Evacuate" button on the EBL512 G3 front.

**NOTE!** Not valid for all conventions.

Click **Start** to start the evacuate function.

Click **End** to end the evacuate function.

## 4.11 Operation; Service

**NOTE!** Log in on User level 2, 3 or 4 is required.

Click **Operation** to open the Operation view.



....to get access to the following buttons:

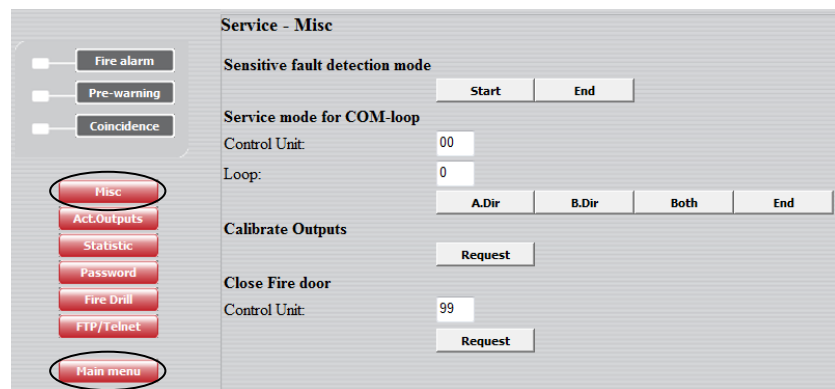
**Daily** (User level 2 is required.) See below.

**Maintenance** (User level 3 is required.) See page 35.

**Service** (User level 4 is required.) See page 38.

### 4.11.1 Service – Misc

Click **Service** to see the **Service – Misc** view:



Click **Main menu** in any of the "service" views below to return to the **Operation** view.

#### 4.11.1.1 Sensitive fault detection mode

Like menu H5/A2.

Click **Start** to turn on the sensitive fault detection mode.

Click **End** to turn off the sensitive fault detection mode.

#### 4.11.1.2 Service mode for COM loop

Like menu H5/A3.

The communication can be turned off for a specified **COM Loop** (0-3) in a specified **Control Unit** (00-29). There will be only 24 V DC on the COM loop – no communication

Click **A Dir.** for 24 V DC in the A-direction.

Click **B Dir.** for 24 V DC in the B-direction.

Click **Both** for 24 V DC in both directions.

Click **End** to end the service mode and turn on the communication.

#### 4.11.1.3 Calibrate outputs

Like menu H5/A1.



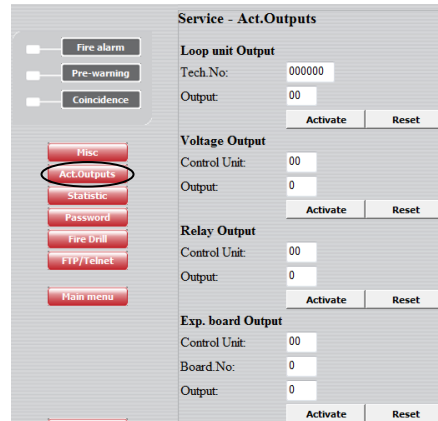
Click **Request** to start the calibration of supervised outputs in all control units.

#### 4.11.1.4 Close Fire door

Click **Request** to collectively close all fire doors, i.e. programmable outputs with a control expression containing one or more trigger conditions **Fire Door Closing (zone – address)**, in all (99) control units or in a specified control unit (00-29).

#### 4.11.2 Service – Act. Outputs

Click **Act. Outputs** to open the **Service – Act. Outputs** view:



**NOTE!** A latched interlocking output has to be reset via menu H9/C3, i.e. **Reset** will not reset a latched interlocking output.

##### 4.11.2.1 Loop unit Output

A specified **Output** (0-3) on a specified COM loop unit (3361 / 3364) technical number (**Tech. No.**) can be activated.

Click **Activate** to activate the output.

Click **Reset** to de-activate the output.

##### 4.11.2.2 Voltage Output

A specified voltage **Output** (S0-S3) in a specified **Control Unit** (00-29) can be activated.

Click **Activate** to activate the output.

Click **Reset** to de-activate the output.

##### 4.11.2.3 Relay Output

A specified relay **Output** (R0-R1) in a specified **Control Unit** (00-29) can be activated.

Click **Activate** to activate the output.

Click **Reset** to de-activate the output.

##### 4.11.2.4 Expansion board Output

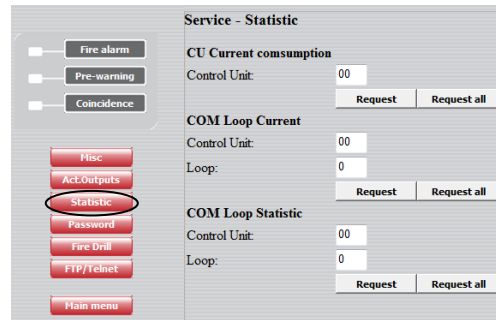
A specified relay **Output** (RE0-RE7) on a specified expansion board 4581, 8 relays expansion **Board** (0-5), in a specified **Control Unit** (00-29) can be activated.

Click **Activate** to activate the output.

Click **Reset** to de-activate the output.

### 4.11.3 Service – Statistic

Click **Statistic** to see the **Service – Statistic** view:



#### 4.11.3.1 CU Current consumption

Like menu H5/A4.

The current consumption for a specified **Control Unit** (00-29) or for all control units in the system can be displayed.

Click **Request** to display the control unit current consumption, the charging current, etc. for a specified control unit (00-29).

CU Current consumption	
Item	Value
CU	00
System current	368 mA
Charge current	0 mA
Battery temperature	28 °C
Low capacity voltage diff	00370 mV

(A "Low capacity voltage diff." value > 700 mV will result in a "Low battery capacity" fault.)

Click **Request all** to display the current consumption and the charging current, for all control units in the system.

CU Current consumption		
Control Unit	System current	Charge current
00	377 mA	0 mA
01	325 mA	0 mA

#### 4.11.3.2 COM loop current consumption

Like menu H5/A5.

The current consumption for a specified **COM Loop** (0-3) in a specified **Control Unit** (00-29) or all COM loops in all control units in the system can be displayed.

Click **Request** to display the current consumption for the specified COM loop (0-3) in the specified control unit (00-29).

Loop Current consumption	
Item	Value
CU	00
Loop	0
Current	6 mA

Click **Request all** to display the current consumption for all COM loops in all control units in the system.

Loop Current consumption				
Control Unit	Loop 0	Loop 1	Loop 2	Loop 3
00	6 mA	10 mA	12 mA	12 mA
01	8 mA	12 mA	10 mA	12 mA

### 4.11.3.3 COM loop statistics

Like menu H5/A6.

The statistics for a specified COM **Loop** (0-3) in a specified **Control Unit** (00-29) or all COM loops in all control units in the system can be displayed.

Click **Request** to display the statistics for the specified COM loop (0-3) in the specified control unit (00-29).

Loop statistics	
Item	Value
CU	01
Loop	0
Poll	2188445
Parity	000000
Bit	000011
No reply	000052

Click **Request all** to display the statistics for all COM loops in all control units in the system.

Loop statistics					
Control Unit	Loop	Poll	Parity	Bit	No reply
00	0	1223669	000000	000000	000782
00	1	0061933	000000	000000	000000
00	2	0000000	000000	000000	000000
00	3	0000000	000000	000000	000000
01	0	1285805	000000	000000	000678
01	1	0061965	000000	000000	000018
01	2	0000000	000000	000000	000000
01	3	0000000	000000	000000	000000

### 4.11.4 Password (Access code)

The **Service – Change password** view:

**Service - Change password**

**Service Password**

New password

Verify password

**PC Comm. Password**

New password

Verify password

#### 4.11.4.1 Service password

Like menu H8/S9.

The access code (password) for **Service**, four digits, can be changed. (EBL512 G3 access level 3A.)

Click **Change** to change the access code.

#### 4.11.4.2 **PC communication password**

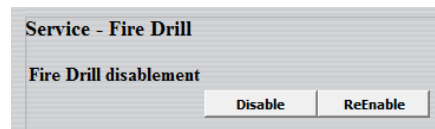
Like menu H8/S10.

The access code (password) for **PC-communication**, eight digits, can be changed. (EBL512 G3 access level 3B & 4.)

Click **Change** to change the access code.

#### 4.11.5 **Fire Drill**

Click **Fire Drill** to see the **Service – Fire Drill** view:



##### 4.11.5.1 **Fire Drill disablement**

Click **Disable** to disable the outputs before the fire drill.

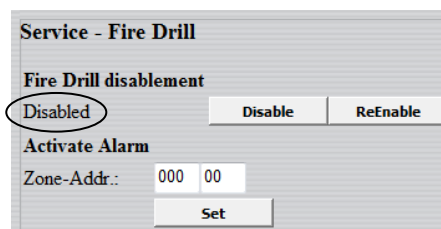
The following types of outputs will be disabled:

- ATR (alarm transmitter) Routing equipment - Fire brigade tx
- FTR (fault transmitter) Routing equipment - Fault tx
- Interlocking
- Extinguishing
- Ventilation
- Control

**NOTE!** The outputs of type "Alarm device" will not be disabled during the fire drill.

##### 4.11.5.2 **Activate Alarm**

When the outputs are disabled, an alarm point (zone – address) can be set in alarm.



Type the **Zone – Address** and click **Set** to start the fire drill.

**NOTE!** The outputs of type "Alarm device" will now be activated, since they are not disabled during the fire drill.

The fire alarm has to be reset, see chapter "Alarm", page 15.

Click **Reset** to reset the fire alarm.

When no more fire drills shall be performed, click **ReEnable** to re-enable the outputs.

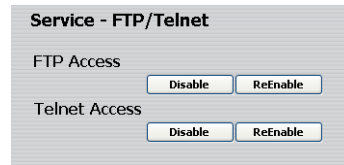
**NOTE!**

The disabled outputs can be listed, see chapter "Disablement", Device type, page 20.

Click **ReEnable** to re-enable the outputs of the type respectively.

## 4.11.6 FTP / Telnet

Click **FTP / Telnet** to see the **Service – FTP / Telnet** view:



### 4.11.6.1 FTP Access

When a new site shall be downloaded to the Web-server II (the Web-server II software will then also be downloaded), FTP Access User name and Password are always required.

To increase the safety, the FTP Access can be disabled as well. This means that even if correct FTP User name and Password are used there will be no FTP Access.

FTP Access has then to be re-enabled before it is possible to use the FTP Access User name and Password again.

Click **Disable** to disable the FTP Access possibility.

Click **ReEnable** to re-enable the FTP Access possibility.

### 4.11.6.2 Telnet Access

Telnet Access User name and Password are always required.

To increase the safety, the Telnet Access can be disabled as well. This means that even if correct Telnet User name and Password are used there will be no Telnet Access.

Telnet Access has then to be re-enabled before it is possible to use the Telnet Access User name and Password again.

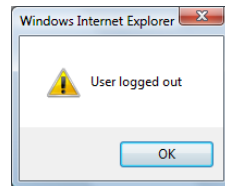
Click **Disable** to disable the Telnet Access possibility.

Click **ReEnable** to re-enable the Telnet Access possibility.

## 4.12 Logout

Click **Logout** to log out from the site.

A message will be displayed to confirm the logout.



Click **OK** to close the message.

Regarding log in, see chapter "Login", page 10.

## 4.13 E-mails

E-mails can be sent in case of one or more of the specified event types listed below. An e-mail will be sent for each alarm, fault, etc. and there can be four e-mail receivers for each event type.

Access to an e-mail server (SMTP) is required to distribute the e-mails.

- Fire alarm
- Fault
- Disablement
- Service
- Pre-warning
- Test mode
- Web event
- None selected (default)

See chapter "Settings", page 49.

## 4.14 Gateway function

The Web-server II, 1598 can also work as a gateway, see chapter "Gateway", page 53.

## 5 **WebG3 Config Tool 1.1.x**

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The Web-server II has to be configured via the PC tool, **WebG3 Config Tool 1.1.x**.<sup>3</sup> . The configuration data, the site and the Web-server II (1598) software will, via TCP/IP<sup>4</sup>, be downloaded to the Web-server II during the download procedure.

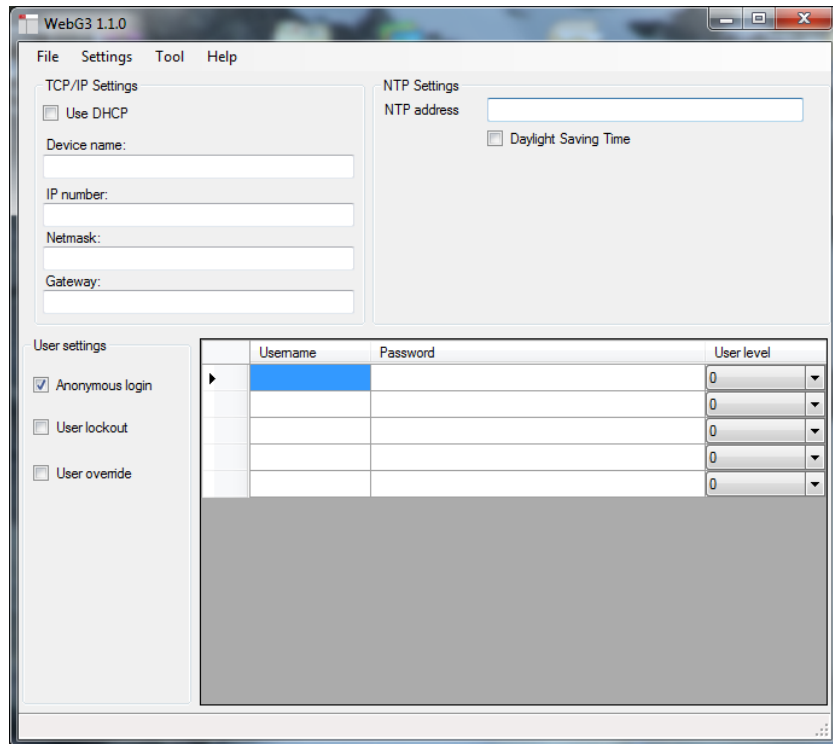
All WebG3 Config Tool menu options / dialog boxes are described in the following chapters.

---

<sup>3</sup> During the installation of this PC tool, a message may be shown that **.NET Framework** has to be installed on your PC. More information and a free download are available on the Microsoft web site.

<sup>4</sup> The Web-server II and the PC both have to be connected to the Local Area Network (LAN). As an alternative a "Crossed network cable" or a Hub can be used.

## 6 File



### 6.1 New / Open

When you open the WebG3 Config Tool 1.1.x a new site can be created directly. As an alternative, in the "File" menu select **New**.

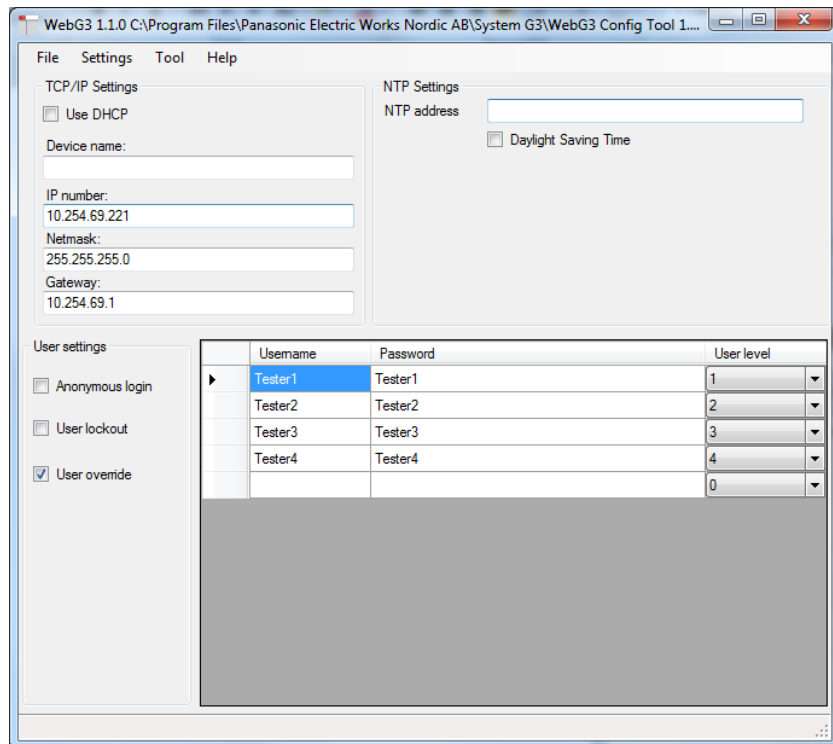
An earlier created site can be opened (in menu "File" select **Open**.)

A site can be uploaded from a Web-server II, see page 65. The Web-server's **IP number** is required and the FTP **Username** and **Password** are required.

When the upload is complete, the site will be opened with the name **backup.webG3site**. The site can now be edited and saved with a new name.



## 6.2 Open Site dialog box



**NOTE!** The information written in the white fields above are examples only.

### 6.2.1 TCP/IP Settings (Ethernet IP)

**Use DHCP:** Select this option when a dynamic IP number shall be used (instead of a static, see below).

**Device name:** It is always recommended to have a Device name, not only when a dynamic IP number is used.

If a static IP number shall be used the following data have to be specified:

- The web-server's **IP number**<sup>5</sup>
- **Netmask**<sup>6</sup>
- **Gateway**<sup>6</sup>

### 6.2.2 NTP Settings

Normally the Control Unit no. 00 in an EBL512 G3 system will at midnight every day send out the date & time to synchronize the clock in all control units in the system as well as the clock in Web-server II.

---

<sup>5</sup> The IP number is by delivery set to **192.168.1.169**. If the Local Area Network (LAN) administrator demands another IP number to be used the free PC tool @CHIPTOOL has to be used. This tool can be downloaded from the BECK web site: <http://www.beck-ipc.com>

<sup>6</sup> Provided via the Local Area Network (LAN) administrator.

For continuous correct time and synchronization of all the clocks an NTP<sup>7</sup> server can be used to. In this case, synchronization will be done one hour after midnight every day.

**NTP address:** The NTP server's IP number (address).

**Daylight Saving Time:** Automatic changeover to **Daylight saving time** ("summer time") and return to normal time can be selected.

### 6.2.3

#### **User settings**

Even if the Web-server II is to be used for status information only (User level 1), it is recommended to have a **User name** and **Password** (i.e. "Anonymous login" is not allowed, see below).

For remote control and access to corresponding information, **User name** and **Password** are always required for **User level 2** (Daily), **User level 3** (Maintenance) and **User level 4** (Service).

**User name** and **Password** for **User level 0** (Select this level to temporary ignore this user, i.e. a user with this user level cannot log in to the web page.)

**User name** and **Password** for **User level 1** (Status information only.)

**User name** and **Password** for **User level 2** (Daily)

**User name** and **Password** for **User level 3** (Maintenance)

**User name** and **Password** for **User level 4** (Service)

The following **password** policy has to be followed:

Minimum length: 6 characters

At least one upper case letter

At least one lower case letter

At least one digit

The following characters can be used: **A-Z a-z 0-9**

**Anonymous login** selected: **User name** and **Password** are not required to see the status information (User level 1).

**User lockout** selected: A user will be locked out for one hour after entering a wrong password three times.

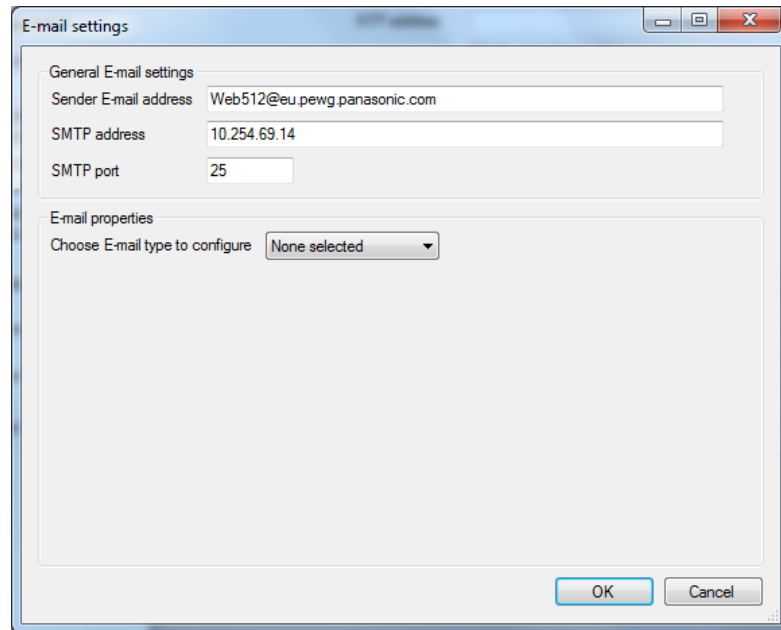
**User override** selected: A user with a higher user level than an already logged in user, can login and automatically log out the user with the lower user level.

---

<sup>7</sup> NTP (Network Time Server) is a protocol designed to synchronize the clocks of computers over a network.

---

## 7 Settings



**NOTE!** The information written in the white fields above are examples only.

### 7.1 E-mail

#### 7.1.1 General E-mail settings

**Sender E-mail address:** An e-mail address (name) is required for sending e-mails (e.g. WebG3@eu.pewg.panasonic.com).

**SMTP address:** An SMTP server IP address is required.

**SMTP port:** An SMTP port is possible to specify. (Default is 25.)

#### 7.1.2 E-mail properties

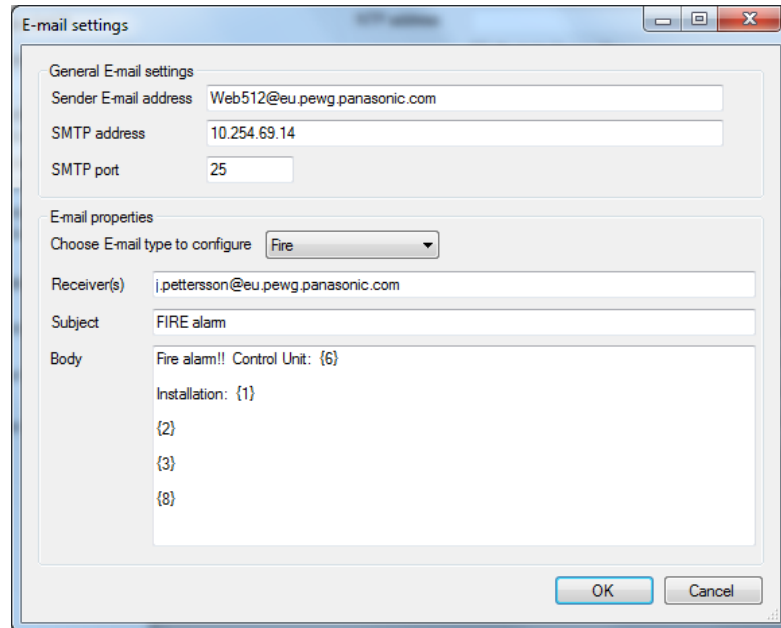
Different types are available. Every type that shall be used has to be configured separately.

If at least one receiver name is typed for the e-mail type respectively, an e-mail will be sent, else not.

##### Choose E-mail type to configure:

- Fire alarm (incl. Alert Annunciation alarms)
- Fault
- Disablement
- Service
- Pre-warning
- Test mode
- Web event
- None selected (default)

For the type respectively, **Receiver(s)**, **Subject** and **Body** data shall be typed.



Type **Fire alarm** selected. **NOTE!** The information written in the white fields above are examples only.

**Receiver(s):** Up to four e-mail receivers can be written, separated by a comma (,) or a semicolon (;).

**Subject:** An e-mail "Subject" text shall be written, e.g. "Fire alarm". The "Subject" text will be shown in the receivers e-mail Inbox list view, together with the name of the e-mail sender, date and size.

**Body:** An e-mail "Body" text shall be written. Up to 500 characters can be used, including some parameters (see below). The parameters will in the receiver's e-mail be replaced with the information they represent.

**NOTE!** In the **Test mode** e-mail form the "Body" text will automatically be the list created during the tests, i.e. the "Body" field is not shown in the e-mail form. In the **Web event** e-mail form the "Body" text will automatically be created when there are 100 events in the log and the e-mail will be sent.

### 7.1.2.1

#### Fire alarm

Fire alarm (incl. Alert Annunciation alarms) e-mail.

**Receiver(s), Subject and Body** text shall be typed.

The following parameters can be used in the "Body" text:

- {1} The custom **text string** that contains data about the system, according to chapter "Text", page 56.
- {2} The alarm point's presentation number, i.e. **ZONE-ADDRESS** (e.g. **001-01**).
- {3} The user definable **alarm text** shown in the fire alarm system c.i.e. displays, for the alarm point respectively.

- {6} The actual EBL512 G3 **c.i.e. number**, i.e. the c.i.e. (00-29) in which the fire alarm is activated.
- {8} **Date & time**, i.e. MM-DD hh:mm:ss (month-day hour : minute : second), e.g. 01-23 12:34:56

#### 7.1.2.2

##### **Fault**

Fault e-mail.

**Receiver(s), Subject and Body** data shall be typed.

The following parameters can be used in the "Body" text:

- {1} The custom **text string** that contains data about the system, according to chapter "Text", page 56.
- {4} The **fault message** shown in the fire alarm system c.i.e. displays.
- {6} The actual EBL512 G3 **c.i.e. number**, i.e. the c.i.e. (00-29) in which the fault is generated.
- {8} **Date & time**, i.e. MM-DD hh:mm:ss (month-day hour : minute : second), e.g. 01-23 12:34:56

**NOTE!** In the fault form there is also the option **Send E-mail when no connection to EBL**. When this option is selected (default) and in case of no connection between the Web-server II and the EBL512 G3 c.i.e. an e-mail will be sent to the same e-mail address(es) as for a fault e-mail and with the same body text. In this case the parameter {4} will be replaced with:

**FAULT: No connection between web-server and EBL512 G3.**

#### 7.1.2.3

##### **Disablement**

Disablement e-mail.

**Receiver(s), Subject and Body** data shall be typed.

The following parameters can be used in the "Body" text:

- {1} The custom **text string** that contains data about the system, according to chapter "Text", page 56.
- {5} The **disablement text** shown in the fire alarm system c.i.e. displays (i.e. the disabled alarm point, zone, loop, output, interlocking output, routing equipment, alarm device or control output).
- {6} The actual EBL512 G3 **c.i.e. number**, i.e. the c.i.e. (00-29) to which the disabled unit etc. is connected.
- {8} **Date & time**, i.e. MM-DD hh:mm:ss (month-day hour : minute : second), e.g. 01-23 12:34:56

#### 7.1.2.4

##### **Service**

Service signal e-mail.

**Receiver(s), Subject and Body** text shall be typed.

The following parameters can be used in the "Body" text:

- {1} The custom **text string** that contains data about the system, according to chapter "Text", page 56.
- {6} The actual EBL512 G3 **c.i.e. number**, i.e. the c.i.e. (00-29) in which the service signal is generated, i.e. to which the dirty detector is connected.
- {7} The **technical number / address** for the dirty detector (000001-293255).
- {8} **Date & time**, i.e. MM-DD hh:mm:ss (month-day hour : minute : second), e.g. 01-23 12:34:56

#### 7.1.2.5 **Prewarning**

Pre-warning e-mail.

**Receiver(s)**, **Subject** and **Body** text shall be typed.

The following parameters can be used in the "Body" text:

- {1} The custom **text string** that contains data about the system, according to chapter "Text", page 56.
- {2} The alarm point's presentation number, i.e. **ZONE-ADDRESS** (e.g. **001-01**).
- {3} The user definable **alarm text** shown in the fire alarm system c.i.e. displays for the alarm point respectively.
- {6} The actual EBL512 G3 **c.i.e. number**, i.e. the c.i.e. (00-29) in which the pre-warning is activated.
- {8} **Date & time**, i.e. MM-DD hh:mm:ss (month-day hour : minute : second), e.g. 01-23 12:34:56

#### 7.1.2.6 **Test mode**

Test mode alarm e-mail.

**Receiver(s)** and **Subject** shall be typed.

The "Body" text (i.e. a list of the tested detectors) will be automatically created during the test. An e-mail will be sent when you click the **Mail** button. See chapter "Zones in Test", page 17.

#### 7.1.2.7 **Web event**

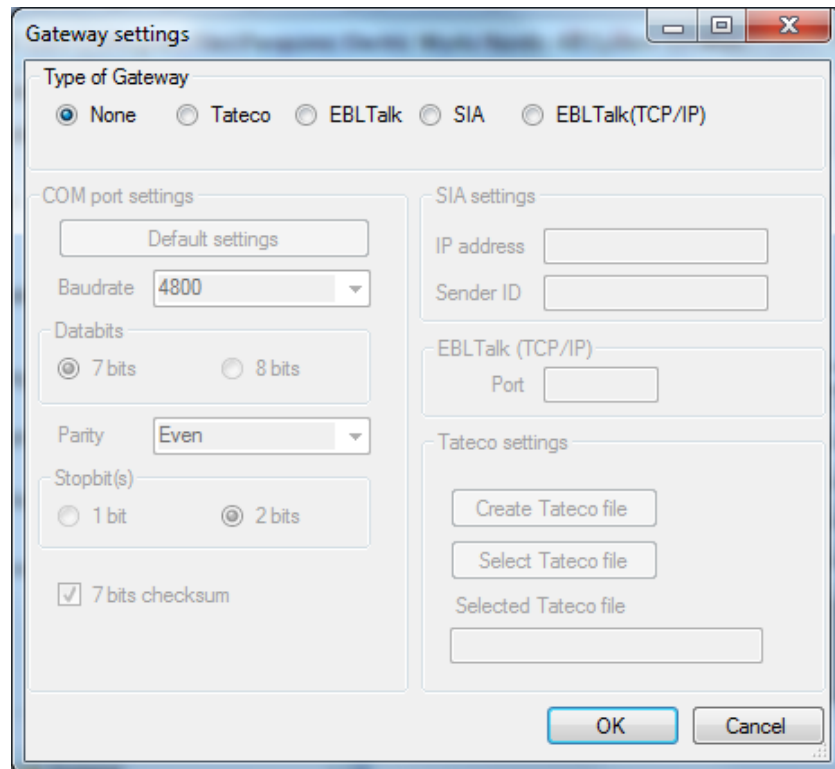
Web event log e-mail.

When there are 100 events in the web event log, it will automatically be erased. Before the web event log is erased, an e-mail can be sent.

**Receiver(s)** and **Subject** shall be typed.

The "Body" text will be automatically created (i.e. the event list) and an e-mail will be sent before the web event log will be erased.

## 7.2 Gateway



The Web-server II is not only a web-server but can also be a gateway to another system.

### 7.2.1 Type of gateway

One of the following gateway types can be selected:

- **None** No gateway function selected.
- **Tateco**. Used when fire alarm information shall be transmitted to and presented in an Ascom Tateco paging system.
- **EBL Talk**. Used when fire alarm information shall be transmitted to and presented in a separate PC system, via RS232. EBL Talk is an open protocol. For more information see "EBL Talk Protocol" Technical Description (MEW00532).
- **SIA**. Used when fire alarm information shall be transmitted to and presented in a separate PC system, via the SIA protocol.
- **EBL Talk (TCP/IP)**. Used when fire alarm information shall be transmitted to and presented in a separate PC system, via TCP/IP. (Like EBL Talk but via TCP/IP instead).

### 7.2.2 Tateco

**COM port settings**. Normally default settings.

**Tateco settings**. A new Tateco File has to be created or an existing Tateco File has to be selected. Regarding the Ascom Tateco settings, see Ascom Tateco documentation.

### 7.2.3 EBL Talk (RS232)

**COM port settings**. Normally default settings.

#### **7.2.4**

#### **SIA**

**IP address (MAS)** and **Sender ID** are required. (Provided via the Local Area Network (LAN) administrator and/or SIA administrator.)

#### **7.2.5**

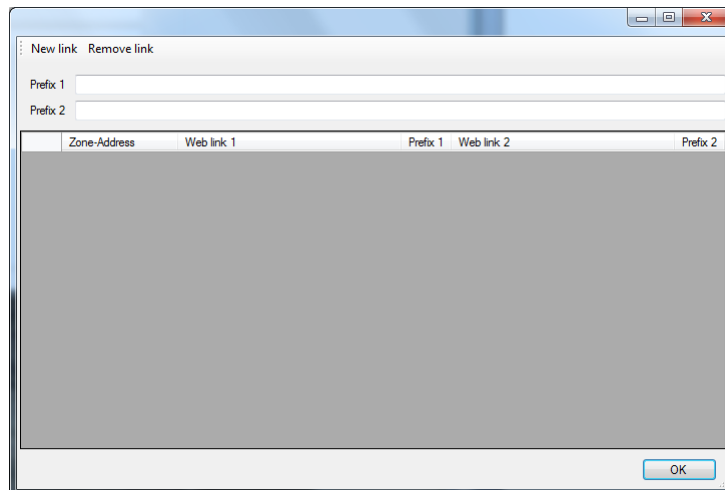
#### **EBL Talk (TCP/IP)**

**COM port settings.** Normally default settings.

**Port.** TCP/IP port. (Provided via the Local Area Network (LAN) administrator.)



## 7.3 Web page



### 7.3.1 Web Links

If e.g. a fire alarm is presented (see page 15), it is possible to click a hyperlink **Info** or **Camera** to get more information about the alarm point and/or to connect to a web camera. The alarm points and links are added / deleted in this dialog box.

Click **New Link** to add a row to the list.

Click **Remove Link** to remove a selected row from the list.

If many alarm points shall have the same link or if only the file name in the link is different for the different alarm point, the Prefix 1 can be used for Web Link 1 and Prefix 2 for Web Link 2.

**Prefix 1:** Type the prefix text in the cell.

**Prefix 2:** Type the prefix text in the cell.

**Zone Address:** Type the Zone - Address for the alarm point in the cell (e.g. 001-01).

**Web Link 1 (Info):** Type a hyperlink to a document (e.g. a drawing).

**NOTE!** If for example the **Prefix 1** checkbox is **marked**, the Prefix 1 text will be automatically added before the Web Link 1 text when the site is downloaded to the Web-server II but the Prefix 1 text will never be displayed in the Web Link 1 cell.

**Web Link 2 (Camera):** Type a link to a web-camera (or a second document).

Example:

**Prefix 1:** http://xxxxx.com/Fire alarm/Drawings/  
**Web Link 1:** Building A.pdf      **Prefix 1**

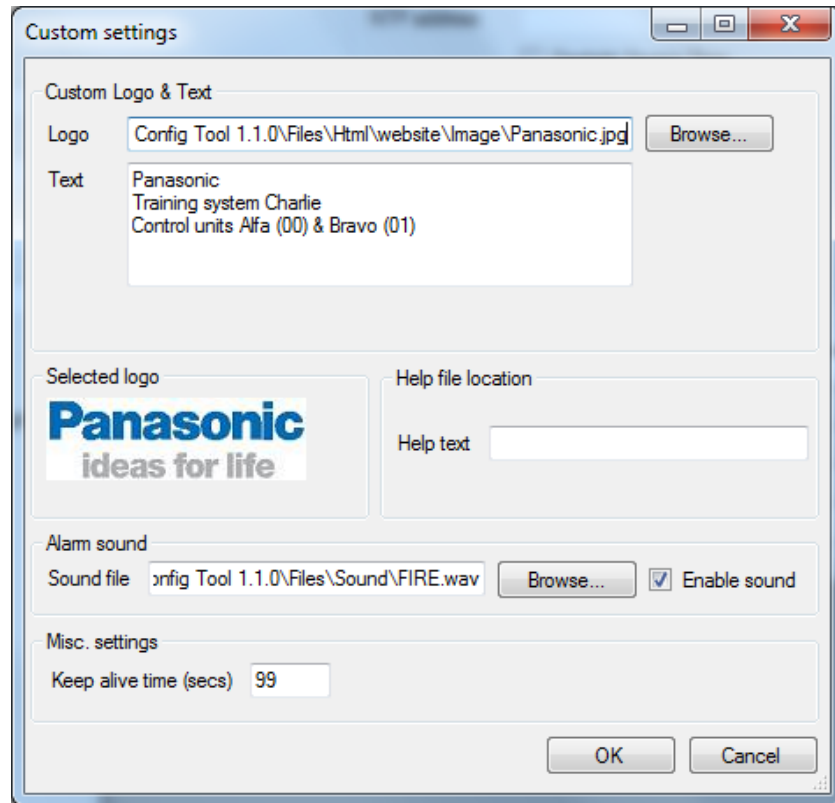
Will be **downloaded to the Web-server II** as:

http://xxxxx.com/Fire alarm/Drawings/Building A.pdf

(**http://xxx.com** could instead be the **network webserver's IP address**, like for example 10.254.69.221. **NOTE!** The **network**

**webserver** is not the same as the fire alarm system Web-server II, 1598). Consult the Local Area Network (LAN) administrator.

## 7.3.2 Customize



### 7.3.2.1 Custom logo & text

On all sites, in the corner down to the right, it is possible to have an image, e.g. a logotype and in the corner up to the right a custom text. (See page 9.)

#### 7.3.2.1.1 Logo

Any image that can be used in Microsoft Internet Explorer can be used, e.g. \*.bmp, \*.gif, \*.jpg and \*.wmf ( $\leq 10$  Kbytes and max. 210 x 56 pixels). Max. 8 characters in the file name.

The Panasonic logo (see also page 9) will be saved in folder "C:\Program Files\Panasonic Electric Works Nordic AB\System G3\WebG3 Config Tool 1.0.1\Files\Image" when the Web config tool is installed.

#### 7.3.2.1.2 Text

On all Web server pages in the upper corner to the right, it is possible to have an information text ( $\leq 500$  characters) describing the actual system. It is recommended to write the following:

- Installation/System Name (e.g. the name "Name" as in WinG3)
- Installation/System Location

- Maintenance personnel Name
- Maintenance personnel Telephone Number

### 7.3.2.2 Alarm sound

When a fire alarm is activated you can use the buzzer/speaker in the PC for a sound alert.

One **Sound file** (FIRE.wav) is supplied and it is saved in the folder:  
"C:\Program Files\Panasonic Fire And Security\System G3\WebG3 Config Tool 1.1.0\Files\Sound\".

You can use any **\*.mid** or **\*.wav** file  $\leq 5$  Kbytes. The file name can have max. 8 characters.

**Enable sound.** When a sound file is **Enabled** a **Sound Off** button is visible on the Web page (see page 10), else not.

Click **Sound Off** to silence the alarm sound.



### 7.3.2.3 Misc. settings

**Keep alive time.** Default 60 s. After closing the site, there will be an automatic logout after the specified number of seconds. This is important if there are more users since only one at a time can be logged on. Write the time (15-120 sec.).

### 7.3.2.4 Help file location

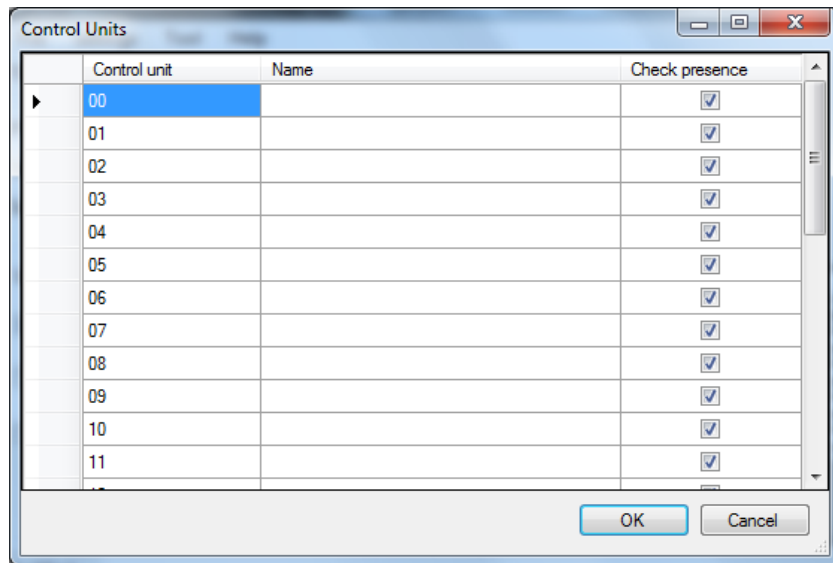
**Help text.** A hyperlink to a help document.

An example:

<http://xxxxx.com/Fire alarm/Drawings/Help.pdf>

(<http://xxx.com> could instead be the **network webserver's IP number**, like for example 10.254.69.221. **NOTE!** The **network webserver** is not the same as the fire alarm system Web-server II, 1598). Consult the Local Area Network (LAN) administrator.

## 7.4 Control Units



Instead of presenting each **Control Unit** as "Control Unit **00**" etc. in the web page columns, the control units can have an informative **Name**, e.g. "Control Unit **Building X**".

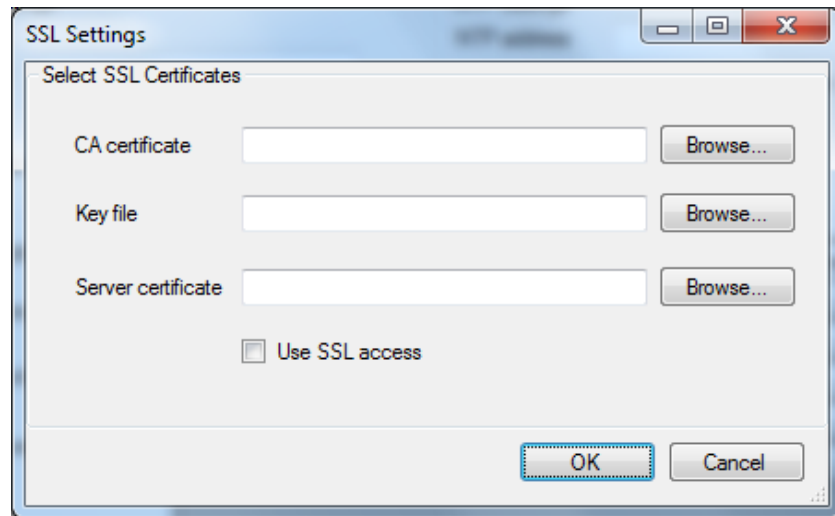
**Control Unit:** 00 - 29

**Name:** Type the name for the selected control unit. Max. 40 characters.

**Check presence:** The Web-server will download System information for all selected control units in the system. As default all control units (00-29) are selected. To speed up the download process, select only the existing control units. (Then if more control units are added later, the site has to be edited and downloaded to the Web-server.)

## 7.5

## SSL



### 7.5.1

#### Select SSL Certificates

When the Web-server II shall be used not only for information but also for control of the EBL512 G3 system, safe (encrypted) communication can be used.

**CA certificate:** Type the path and file name (e.g. intermed.pem) or use the **Browse** button.

**Key file:** Type the path and file name (e.g. privkey.pem) or use the **Browse** button.

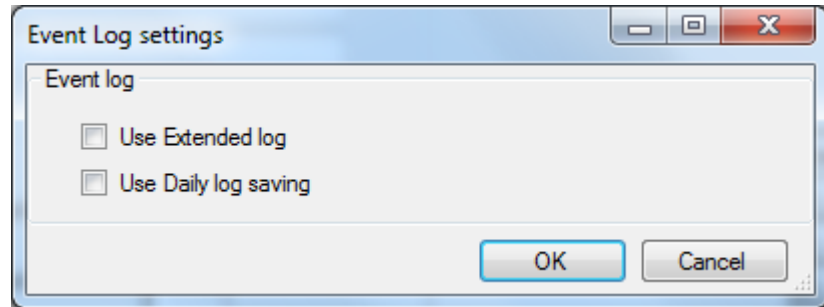
**Server certificate:** Type the path and file name (e.g. cert.pem) or use the **Browse** button.

**Use SSL access:** Select this option if the SSL certificates for safe (encrypted) communication with the EBL512 G3 system shall be used.

## 8 Web server

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### 8.1 Event Log



The events are always presented in four different types of event logs:

1. **General;** All events except Alarm, Interlocking and Web events, see below. Max. 999 events. See also page 27.
2. **Alarm;** Fire alarms, Pre-warnings, Co-occurrence alarms and Alert Annunciation alarms. Max. 999 events. See also page 27.
3. **Interlocking;** Interlocking events. Max. 999 events. See also page 28.
4. **Web Event;** Web events. Max. 100 events. See also page 28.

#### 8.1.1 Use Extended Log

When this option is selected the **General** log is extended to max. 10000 events.

1. **General;** All events, including Alarm, Interlocking and Web events. Max. 10000 events. See also page 27.
2. **Alarm;** Pre-warnings, Fire, heavy smoke/heat, Co-occurrence' Alert Annunciation, Delayed, Isolated, Acknowledged and Quiet alarms. Max. 999 events. See also page 27.
3. **Interlocking;** Interlocking events. Max. 999 events. See also page 28.
4. **Web Event;** Web events. Max. 100 events. See also page 28.

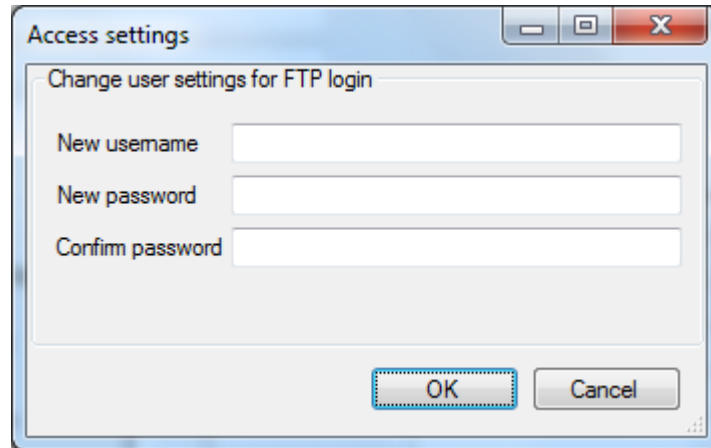
#### 8.1.2 Use Daily Log Saving

When this option is selected the logs (see above) will be saved in a flash memory in the Web-server at midnight every day.

**NOTE!** Normally all the events (see above) are saved in the Web-server. In case of a powerless Web-server all the events will be lost except the events saved in the Web-server's flash memory at midnight every day.

## 8.2

### Access



### 8.2.1

#### Change user settings for FTP login

When the Web-server II shall be configured (programmed) via the PC program WebG3 Config tool 1.1.x this is done via a Local Area Network LAN (or a crossed network cable or a hub). For safety reasons **User name** and **Password** are used. Both are **ftp** as default and can be changed.

**New user name:** Type the new name.

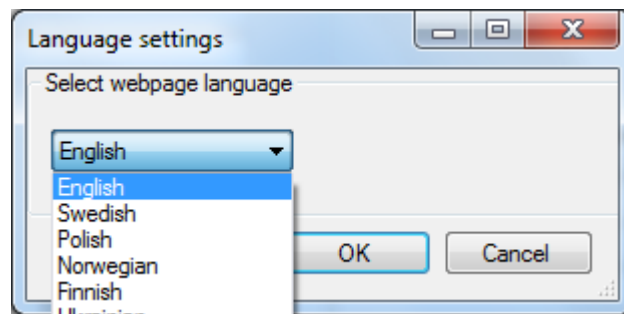
**New password:** Type the new password. (Only dots will be displayed.)

**Confirm password:** Type the new password once more. (Only dots will be displayed.)

**NOTE!** The new User name and Password will not be valid until after download to the Web-server II and after restart of the Web-server II.

## 9 Language

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### 9.1 Select web page language

The language to be used on the site (web pages) shall be set.

**English, Swedish,** etc. is selected.

**Custom:** The **WebG3 Config Tool 1.1.x** offers the user to make a translation to any language. The document **How to create a custom translation of WebG3 1.1.x** is available on request.



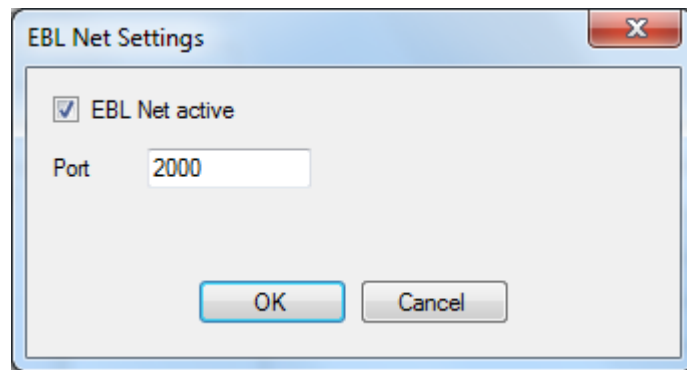
## 10 EBLnet

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EBLnet is used to connect the EBL system to a Security Management system.

**EBLnet** licence 5097 is a kit containing:

- **EBLnet** licence number document
- **EBLnet** licence number label
- User instructions (MEW01479)



**EBLnet active:** Has to be selected to activate the EBLnet function. This has to be done before the Web-server can be connected to the Security Management system.

**NOTE!** An EBLnet key is also required. How to receive it and use it is described in the User instructions (MEW01479).

**Port:** A port shall be set. Provided via the Local Area Network (LAN) administrator.

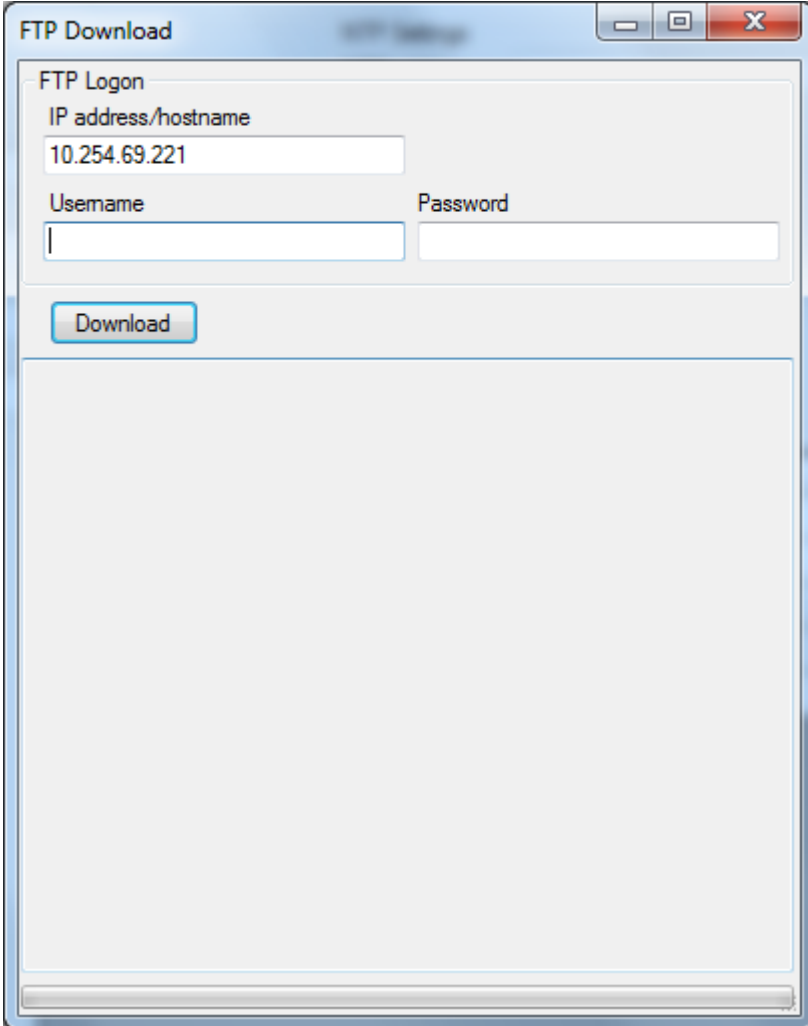
**NOTE!** Port 80 is used for the Web-server and cannot be used here and if the Gateway function "EBLTalk (TCP/IP)" is used, the port for that cannot be used here (see page 54).

# 11 Tool

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## 11.1 Download site

If gateway type "Tateco" is to be used, also a **Tateco configuration file** has to be selected, see page 53.



### 11.1.1 FTP logon

**IP address / host name.** Same as the IP number set in "TCP/IP settings", see page 47.

**Username.** Default is ftp. Can be changed, see page 61.

**Password.** Default is ftp. Can be changed, see page 61.

Click **Download** to start the download to the Web-server.

**NOTE!** The configuration data, the site and the Web-server II

software will, via TCP/IP<sup>8</sup>, be downloaded to the Web-server II during the download procedure.

Information will be shown in the "information field".

When the download is completed, you will be told to restart the Web-server, i.e. turn off the 24 V DC power supply and turn it on again.

If an NTP server is not used, the date and time should be set, see chapter "Set Calendar and Time", page 33.<sup>9</sup> See also chapter "NTP Settings", page 47.

## 11.2 Retrieve backup

The Web-server's **IP address**<sup>10</sup> is required and the **FTP Username** and **Password** are required.

When the upload is complete, the site will be opened with the name **backup.webG3site**. The site can now be edited and saved with a new name.

---

<sup>8</sup> The Web-server II and the PC both have to be connected to the Local Area Network (LAN). As an alternative a "Crossed network cable" or a Hub can be used.

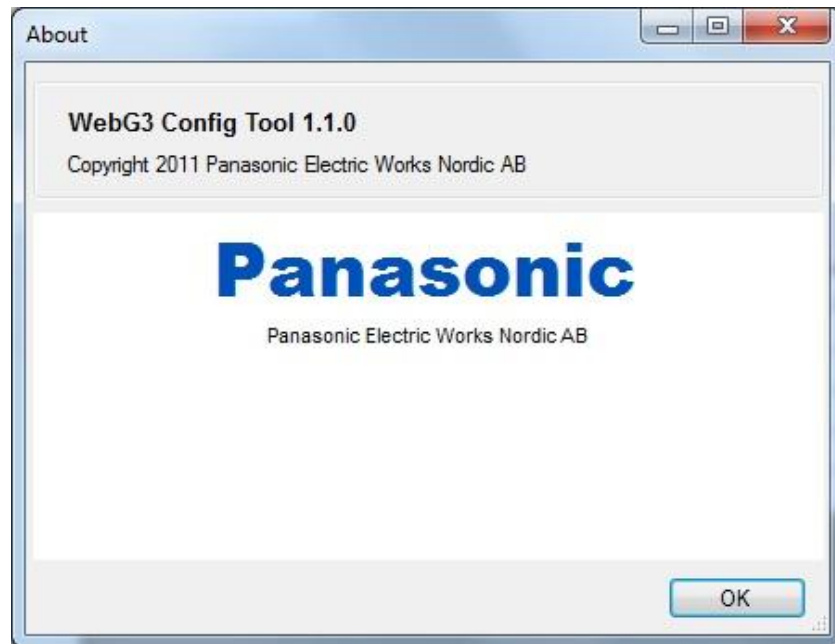
<sup>9</sup> The clock is also set automatically once a day at midnight. Also menu H3 in EBL512 G3 can be used and the command will then be sent when you leave menu H3 by pressing "Accept", see EBL512 G3 Operating Instruction.

<sup>10</sup> The IP number is by delivery set to **192.168.1.169**. If the Local Area Network (LAN) administrator demands another IP number to be used the free PC tool @**CHIPTOOL** has to be used. This tool can be downloaded from the BECK web site: <http://www.beck-ipc.com>

## 12 Help

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### 12.1 About



Here, as well as in the Title bar, you can see the WebG3 Config Tool version, i.e. **1.1.0**.

The WebG3 Config Tool has to have the same version as the EBL512 G3 software version (i.e. the two first digits; **1.1.x**).

## 13 S/W download to Web-server II

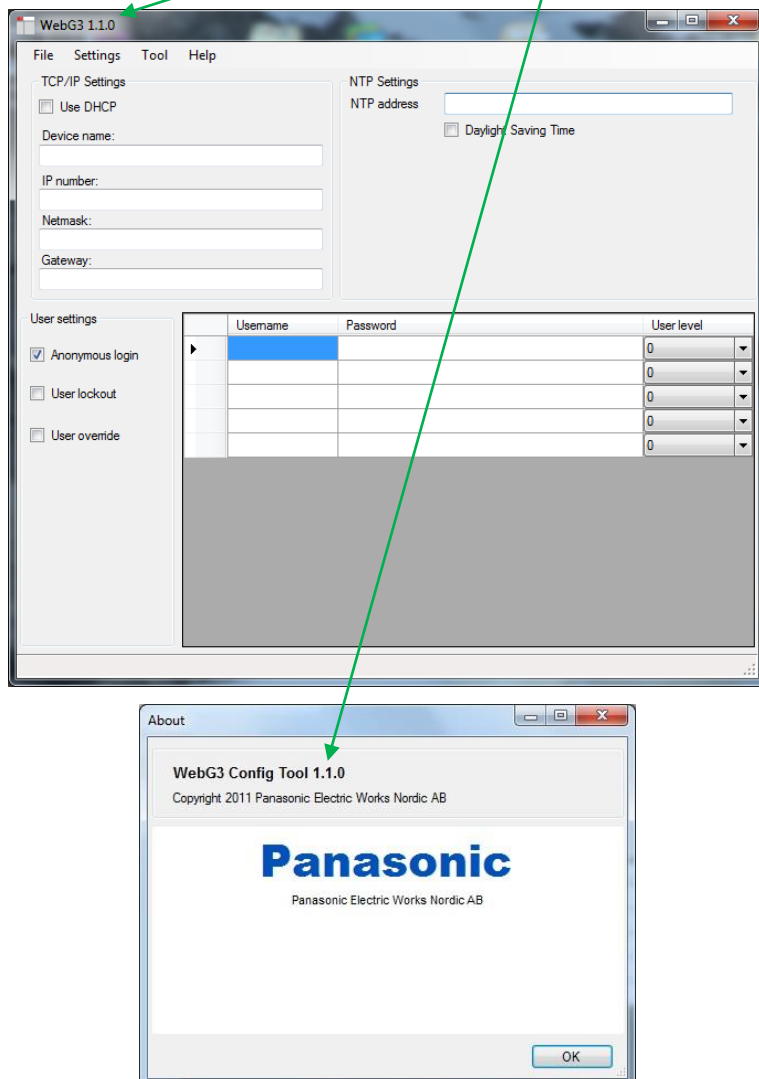
Web-server II software (S/W) cannot be downloaded separately.

The Web-server II software (S/W) will also be downloaded when the site (i.e. the configuration data) is downloaded to the Web-server II (1598) via the **WebG3 Config Tool 1.1.x**, see page 64.

An old site (i.e. the file: xxxxxx.webG3site) can be opened in a newer **WebG3 Config Tool** version, saved and then downloaded.

The **Web server S/W** version<sup>11</sup> has to correspond with the EBL512 G3 software version, i.e. the **WebG3 Config Tool** version has also to correspond with the EBL512 G3 software version.

The **WebG3 Config Tool** version (i.e. the **Web512 G3 S/W** version) is shown in the title bar and in the **Help | About** box.



<sup>11</sup> This is valid for the two first digits, e.g. **1.1.x**.

The **Site** version will be the same as the **WebG3 Config Tool** version shown at the top of each web page.

A new **WebG3 Config Tool** version will also be released when a new EBL512 G3 software version is released.<sup>11</sup>

## 14 Installation / Commissioning

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Web-server II (1598) is used in the EBL512 G3 system. It is intended for indoor use and in dry premises.

Web-server II shall be vertically mounted on the symmetric 35 mm DIN rail inside an EBL512 G3 c.i.e.

One 0.65 m RS232 cable with a 3 ways Molex plug is supplied, to connect the Web-server II to the EBL512 G3 c.i.e. main board header "J7". On the Web-server plug-in connector PLC COM. (RS232C) there are screw terminals for the yellow, green and black wires.

One 0.65 m power supply cable is supplied. Plug the connector near the black EMI filter into the Web-server II power supply header. Remove the other cable plug. There are screw terminals on the EBL512 G3 c.i.e. main board for the brown, blue ("J3:1-2") and green ("J2:3") wires.

The Web-server II has also an RJ-45 connector for a standard Ethernet CAT.5 cable, to be used to connect the Web-server II to Internet / an intranet (LAN). (The cable is not supplied.)

The web-server has a 9 ways male "D" connector MODEM COM. (RS232C), to be used to connect the Web-server II to a separate PC system, etc. e.g. when one of the gateway functions is used. (The cable is not supplied.)

See also EBL512 G3 drawing 512 G3 – 32.

See also chapters "Download site", page 64 and "S/W download to Web-server II", page 67 as well as chapter "Connections", page 71.

See also Web-server II (1598) Technical Description (MEW01035).

### 14.1 LED indicators

There are three LED indicators on the Web-server II:

- **POWER:** Indicating that the power supply is connected and is working.
- **COM:** Indicating:
  - Ethernet connection (continuously)
  - Ethernet data exchange (blinking)
- **COM:** Not used.

## 14.2 Starting up the web-server

Some recommended actions when starting up the Web-server II (1598):

1. The PC (with the PC program **WebG3 Config Tool 1.1.0** opened) and the Web-server II have to be connected to the LAN.<sup>12</sup>
2. The Web-server II has to be connected to 24 V DC.
3. In the **WebG3 Config Tool 1.1.x** you have to prepare the S/W and site download as follows:
  - a. In menu "File" open a site or create a new site.
  - b. Check that the web-server's future IP number<sup>13</sup> is typed. Check this with your LAN administrator.
  - c. Check the Gateway IP number with your LAN administrator.
  - d. Check the Net mask with your LAN administrator.
  - h. In the "Download" dialog box check the IP address / host name. For FTP logon, "User name" and "Password" are required. Default is "ftp" and "ftp" respectively. Click "Download". Information will be shown in the dialog box.
4. After completed Download, restart the Web-server, i.e. power down and then power up the Web-server again.
5. Set the date and time.
6. The web-server should now be working okay. If not, do a synchronization (see page 36 or via the c.i.e. menu H8/S8).

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<sup>12</sup> As an alternative the PC can be connected directly to the Web-server II via a crossed network cable or a hub.

<sup>13</sup> The web-server IP number can be checked / changed. A PC program ("@CHIPTOOL") is available on internet, free of charge. See page 63.



## **15**            **Connections**

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For EBL512 G3, see drawing 512 G3 - 32.

See also the supplied Web-server Installation Detail.

More information is also found in the Web-server II (1598) Technical Description (MEW01035).

## 16 Revision history

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Revisions are when possible typed in red font colour.

### Revision 1

Info revised, added or deleted in the following chapters:

4.8.4 Info added.

7.1.2.7 Info added.

8.1.2 Info added.

### Revision 2

Info revised, added or deleted in the following chapters:

1 Info added.

3 Info added.

7.5 Info revised & deleted.

10 This chapter is added, i.e. the following chapters are re-numbered.

This page has deliberately been left blank.

**Panasonic ideas for life**

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