

User's Manual for the GOLDen GATE, Ethernet, Webb Page For Program Version 4.00.0 and better

1. To Log on

GOLDen GATE has a built-in web server which, for access, requires a web browser with support for Java. Start the web browser and enter the GOLDen GATE unit's IP address (<http://.....>). A log-on window will then appear. Write the user's name and password here. Assign the appropriate authorisation: Read, Write or Administrator, contingent on user name and password. The first time you log on, use the following: User name = admin and Password = admin.

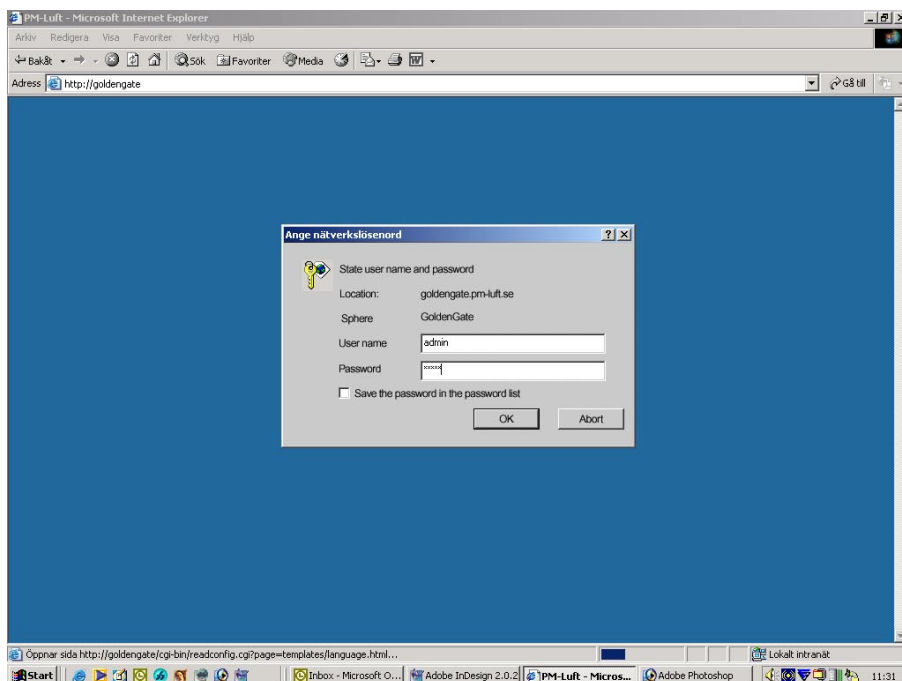
2. User Levels

The web page is divided into three authorization levels.

The "Read" Level, allows access to the first image only. This image shows the operating status of the air handling unit and enables the user to reset alarms.

The next level, "Write", authorises the user to alter set points, to view control signals, to alter the time-clock settings and a number of control functions.

The "Administrator" Level, gives the user complete authorisation to add and cancel users and to assign authorisations. Administrator authorisation is also required for altering the IP configuration, link tables, etc.



3. Authorization Level "Read"

"Status OK" indicates that there is communication between the GOLD unit, Communication unit and web-browser. See under the heading Failure Messages if another text is shown.

Filter status. The first value denotes current filter pressure drop. The second value denotes estimated alarm limit.

The blue-coloured values indicate the current value (actual value). The black values indicate the preset value (set point).

Indicates whether any of the communication unit's external alarm inputs is active.

Option for remote-resetting of type A and B alarms on the GOLD unit.

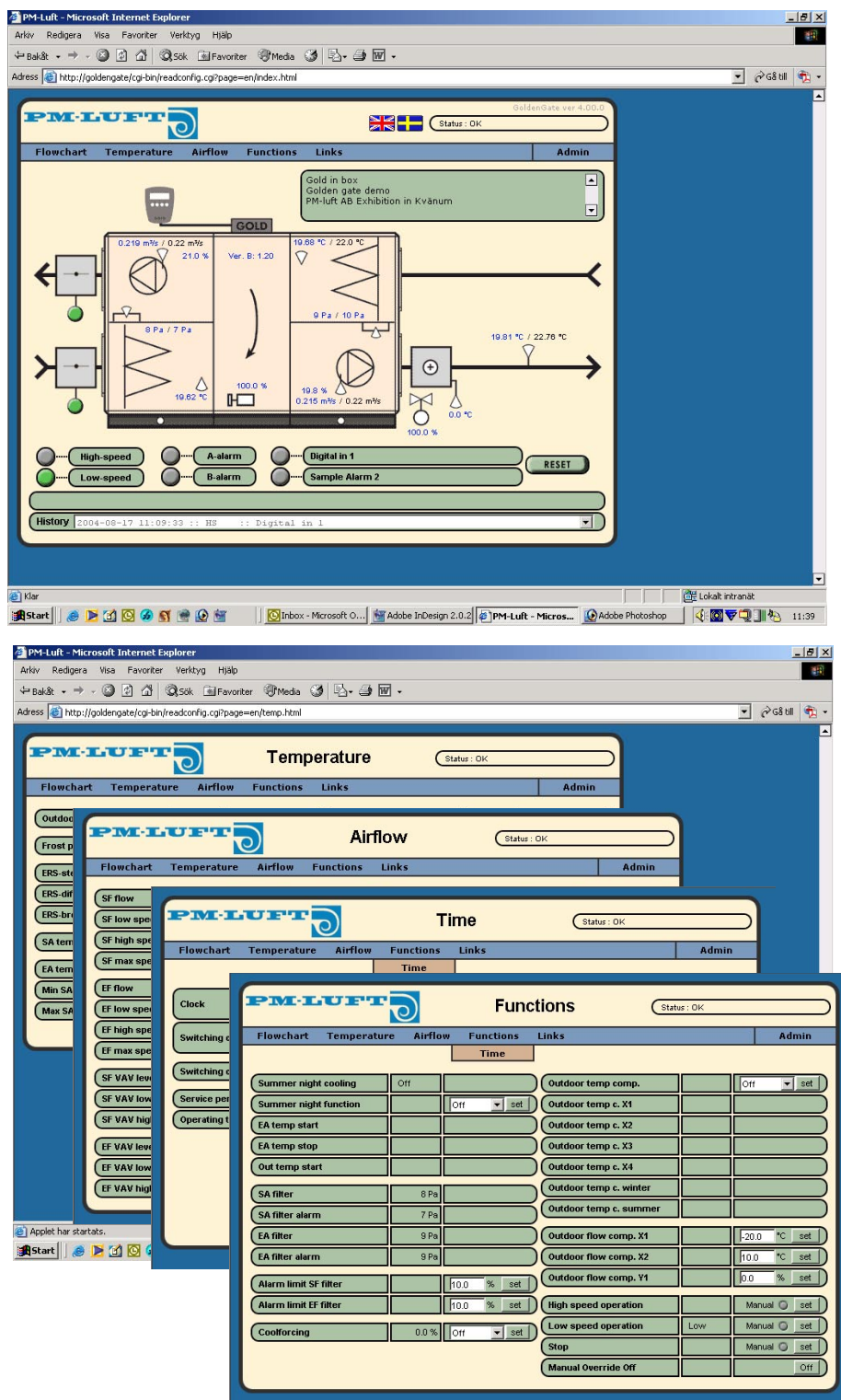
Roll-down menu for alarm history; the ten most recent alarms are shown.

4. Authorization Level "Write"

If a change is necessary, enter the new value. NB. If the number is a decimal, use a decimal point instead of a comma. Then press "set".

Denotes current value (actual value).

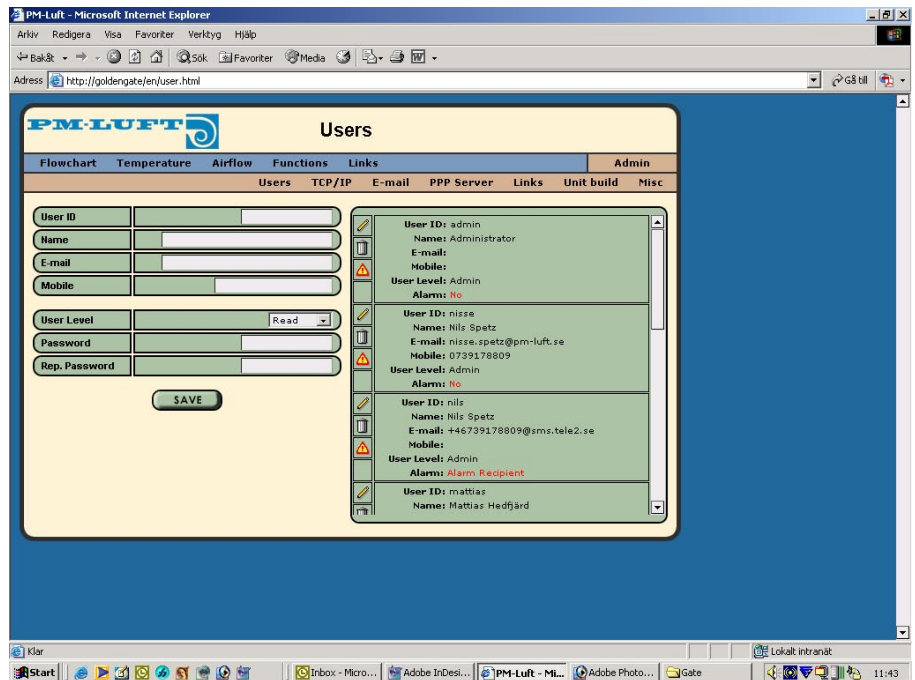
When the GOLD unit is set to automatic operation, it is possible to override the preset operating mode from low speed to high speed and stop. By clicking on "Reset", the control system will then return to normal automatic operation again.



5. Authorization Level "Administrator"

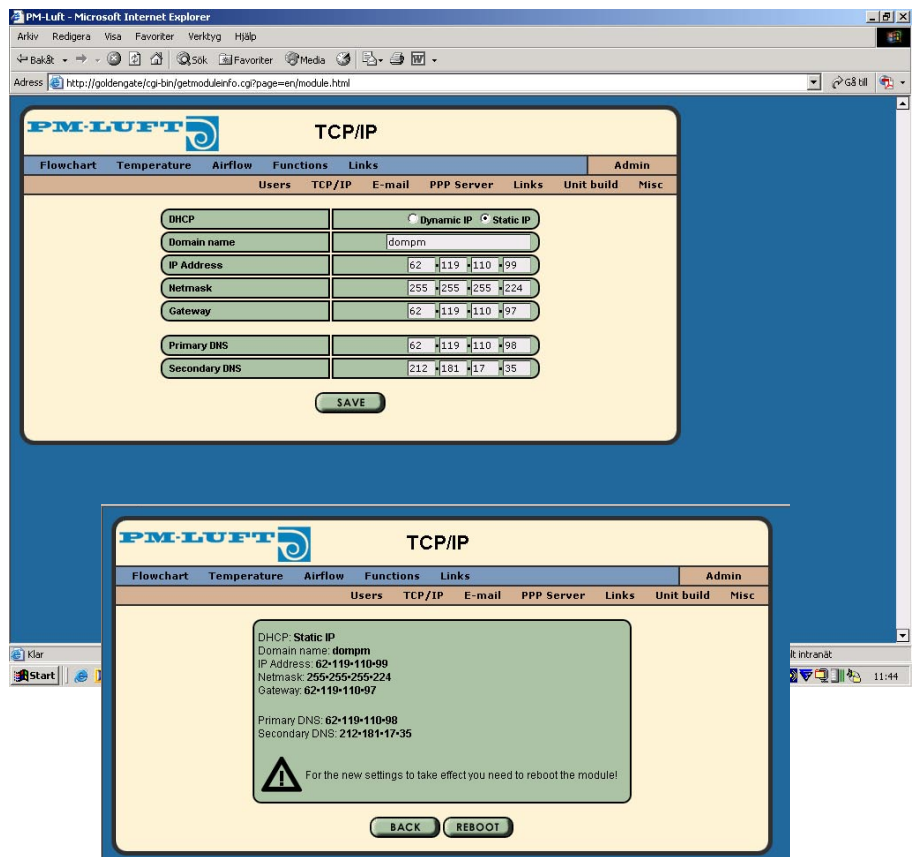
5.1 Users

The first administrator page is for registering the users. Fill in the user ID, name, user level, and password. If any of the users are alarm recipients, also write their email address of and highlight the alarm icon. Then select whether A Alarms, B Alarms or both are to be sent to the alarm recipient. Click on the pen to alter user attributes. Click on the dust bin to delete a user.



5.2 TCP/IP

Current IP addresses can be entered under TCP/IP. The module supports both dynamic and static IP addressing. Click on save after making a change.



In order for the change on this page to be valid, the module must be rebooted. Check that the settings are correct and then press "Reboot". Then a request will appear asking you to wait for 20 seconds before returning.

5.3 Email Settings

An appropriate caption can be written on the sender line. Next to "Reply Path", write the e-mail address to where auto-replies, if any, are to be sent. Caution! Don't enter a GOLDen GATE unit email address; a proper email address must be entered. When changes are made on this page, you'll have to save your settings by clicking on the "save" button.

5.4 Email Delivery Settings

Select here whether the GOLDen GATE unit or any other module is to manage the outgoing email. If the GOLDen GATE is to manage email, select "internal" and fill in the SMTP server address. This address can be a domain or an IP address. The unit can also act as communications master in a small network if a fixed connection to Internet is lacking. Then activate the PPP client function and fill in the telephone number and other data of the parties that the unit should call for sending eventual email messages. Also check the specific commands for the modem. If the unit is to function as a slave in this network, activate "External" and fill in the IP address of the master unit.

The screenshot shows a web browser window titled "PM-Luft - Microsoft Internet Explorer". The address bar shows "http://golden-gate/cgi-bin/readconfig.cgi?page=en/alarm_config.html". The main content area is titled "E-mail" and contains several sections:

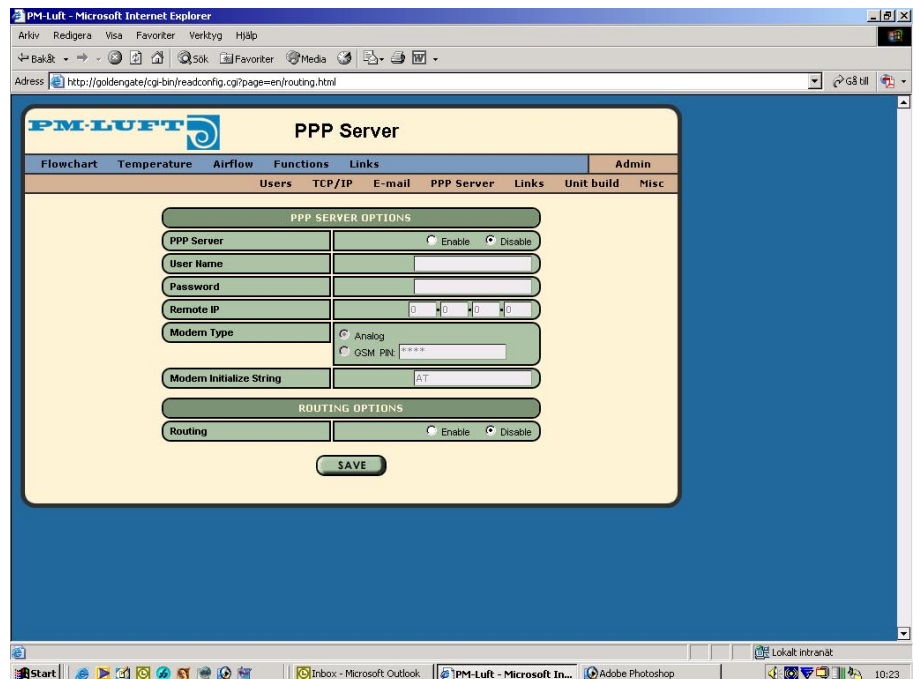
- E-MAIL OPTIONS:** Includes a checked "ON" checkbox, a "Sender Name" field with "Demo", and a "Reply Path" field with "matias-hedfjard@pm-luft.se".
- E-MAIL DELIVERY OPTIONS:**
 - INTERNAL:** Includes an "SMTP" field with "pmmail.pm-luft.se", a "PPP Client" section with "Enable" and "Disable" radio buttons (currently "Enable" is selected), "Telephone", "Login", "Password", "Modem Type" (with "Analog" and "GSM PIN" options), and a "Modem Initialize String" field with "AT".
 - EXTERNAL:** Includes a "Golden Gate Gateway" field with a dropdown menu.

A "SAVE" button is located at the bottom of the form. The browser's taskbar at the bottom shows several open applications, including "Inbox - Micro...", "Adobe InDesi...", "PM-Luft - ML...", "Adobe Photo...", "Gate", and "Roxio Project Selector".

PPP-Server

5.5 PPP Server Settings

This function should be activated to make it possible to establish telephone contact with the pertinent GOLDen GATE unit. Fill in the User name and password of the relevant user. When contact is established, the unit's ordinary user library will apply. The GOLDen GATE unit assigns users connecting up, a pre-determined IP address. This contact should therefore be established with Dynamic Host Configuration Protocol (DHCP) support. When changes are made on this page, you'll have to save your settings by clicking on the "save" button.

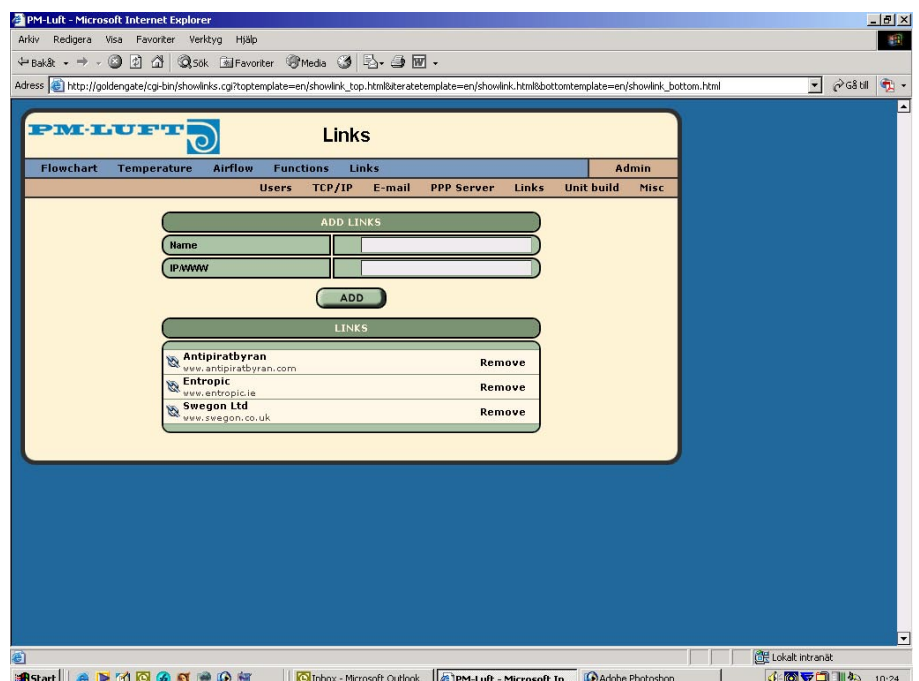


5.6 Routing Settings

Here, you can activate the function for routing between several GOLDen GATE units, interconnected in their own network with one of them serving as master. The master unit will be the one with a modem connected. All the units included in the network can then be contacted via this unit.

5.7 Links

Here, you can create speedy links to other units in the network. Fill in the name and IP address of the units connected. When you open the "Links" menu, you'll find all the air handling units named here. The IP addresses of the various units can also be specified directly in the web browser in use.

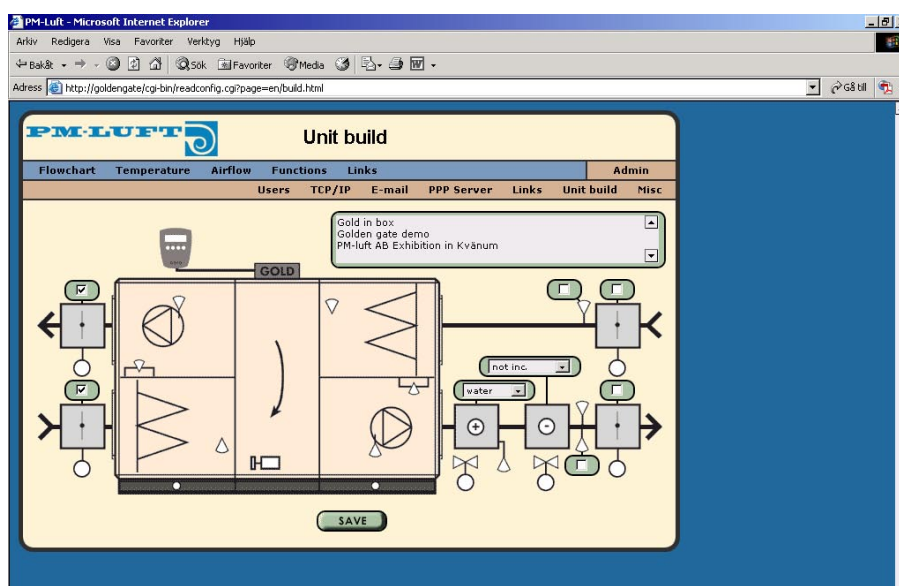


5.8 Flow Image

Here, you can select which functional sections should be included in the relevant GOLD unit. An appropriate caption can be written in the small box at the upper right. The purpose of this caption is to enable the user to quickly identify the air handling unit in the event of an alarm via email, or when a web browser is used to view the page.

The information can be saved by clicking on "save" when the flow chart and text are configured.

For particulars of specific control functions and settings, see the Operating and Maintenance Instructions.

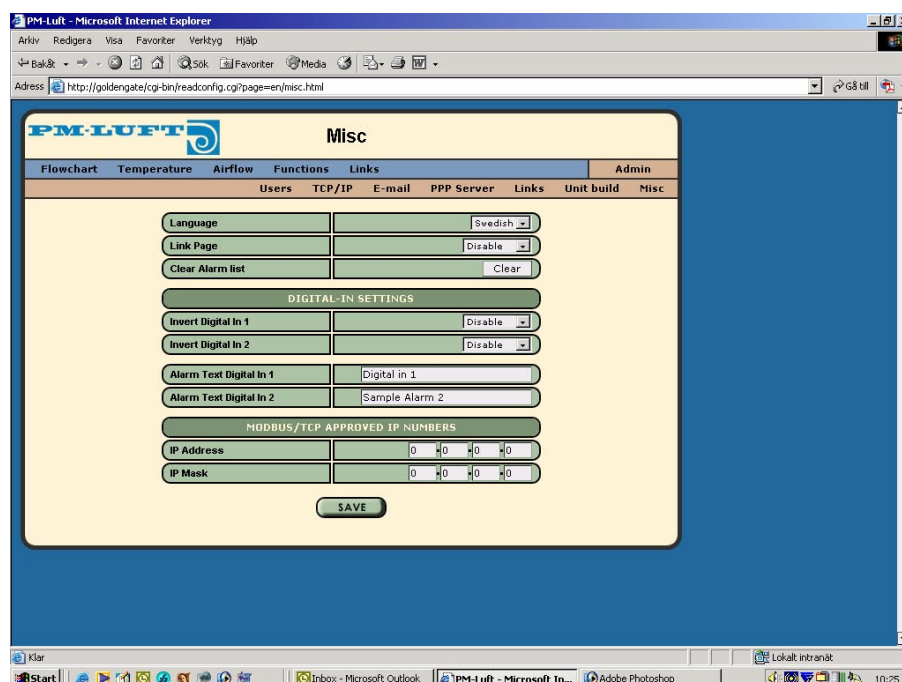


5.9 Other

On this page it is possible to select which language shall be standard and whether or not the link page should be the first page shown.

By clicking on "Clear" you can remove the alarm history stored in the alarm list on the flow chart.

It is possible to invert the digital inputs. The inputs can also be given an optional text of max 40 characters. The permissible IP numbers and permissible IP mask are specified here if the communication unit is used for communication with Modbus/TCP via port 502. Note that this setting is not applicable to the web page.



6. Failure messages

There is a box in the upper right-hand corner of the flow chart, where "Status OK" usually appears. This indicates that there is communication between the GOLD unit, the communication unit and the web-browser. If the communication between the GOLD unit and the communication unit is lost, the text "GOLD comm lost" will be shown in the box. If this is the case, check that all the wiring is intact and properly connected and that the GOLD unit has the correct setting for communication with this unit (see the Installation Instructions for the TBLZ 3-112).

If the power supply to the communication unit is lost, the text "Data read failed" will be shown in the box.