UNILINER
USER GUIDE

GOLDTEC
CONTROL SYSTEMS

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INSTALLATION DIRECTIONS

1. First screen which appears after turning on the power is an introductory screen and disappears after a short while.

2. The second screen which appears right after the first one is the "main screen" to which we arrive when exiting any of the subjects or when touching the key board while the display is OFF. From the main screen you can go into the "menu" by moving to the right, but there are two ways to do it, with full access or without. Without full access only inspection is allowed. Making any changes requires full access which will be granted upon insertion of the password 139. The main screen will also supply short notices followed by the buzzer sound when errors exist in the system, details should be looked for inside the "TEST" subject.

3. Select the "CONSTANTS" and define the following parameters:

    - The number of outputs and the number of inputs that the system is ready to accept from the "Master" (the controller to which the UniLiner is going to be connected back to back). The definition is done in increments of 8 because of the size of the interfaces used for connection.

    - The maximum number of outputs that you may want to attach to any of the commanded outputs.

    - The type of output commands that are going to be received from the Master: LATCHING or CONTINUOUS.

    - The polling rate of the RF system: 1; 2.5; 5; 10 seconds

    - Enable RF test mode until completing the setup and the testing of the RF RTUs.

    - If necessary, clear previously defined configuration of outputs and inputs.

4. Select "OUT CONNECTIONS" and define the physical location (RTU No., and output No. on the RTU terminal block) where each command from the Master will be directed to.

5. For each of the commanded outputs, define the attached counterparts.

6. Select "INPT CONNECTIONS" and define the physical location (RTU No., and input No. on the RTU terminal block) of each input signal from the field to the Master.

7. Use the "TEST" subject for getting information about the followings:

    - The status of the system including I/O hardware and RF communication.

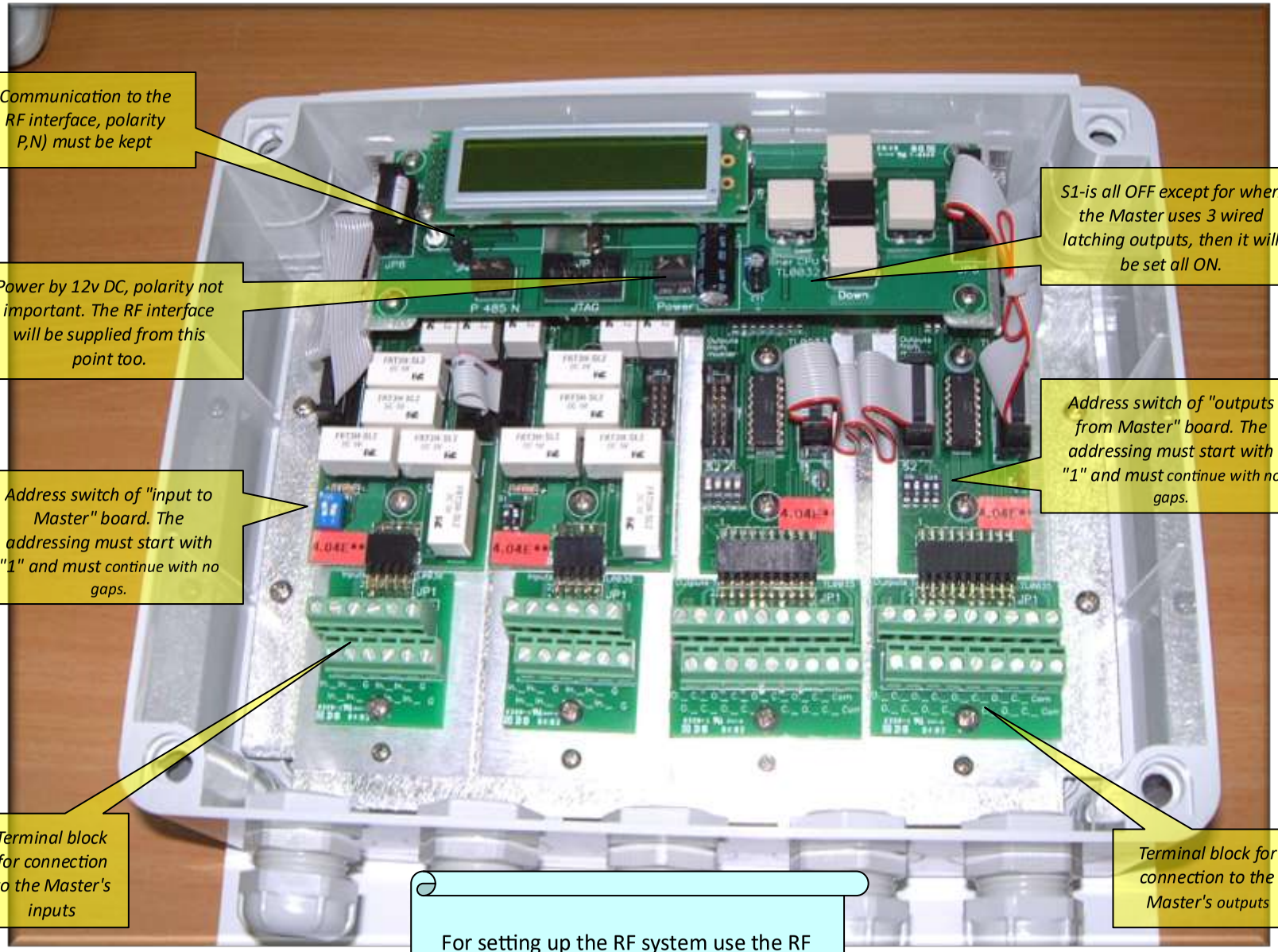
    - The status of output commands arriving from the Master.

    - The status of input signals being sent to the Master.

    - The status of outputs of each RTU.

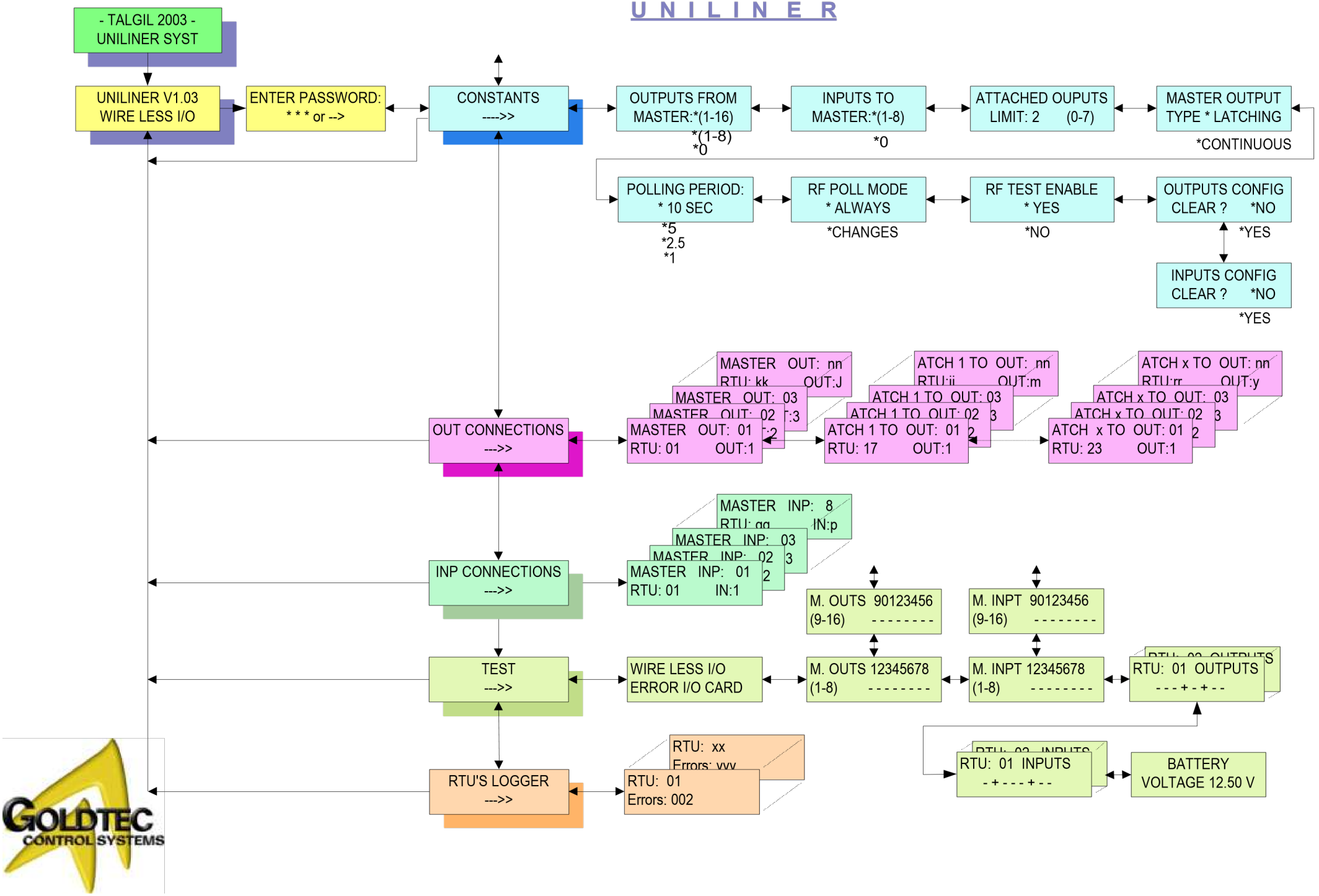
    - The status of inputs of each RTU. The
    - battery level

Use the "RTU'S LOGGER" for getting information about the number of communication failures with each of the RTUs



For setting up the RF system use the RF RTU SYSTEM GUIDE 2011 The address of the RF interface must be "1"

U N I L I N E R


- TALGIL 2003 -
UNILINER SYST
UNILINER V1.03
WIRE LESS I/O
ENTER PASSWORD:
* * * or -->
CONSTANTS
---->>
OUTPUTS FROM
MASTER:*(1-16)
*(1-8)
*0
INPUTS TO
MASTER:*(1-8)
*0
ATTACHED OUPUTS
LIMIT: 2 (0-7)
MASTER OUTPUT
TYPE * LATCHING
*CONTINUOUS
POLLING PERIOD:
* 10 SEC
*5
*2.5
*1
RF POLL MODE
* ALWAYS
*CHANGES
RF TEST ENABLE
* YES
*NO
OUTPUTS CONFIG
CLEAR ? *NO
*YES
INPUTS CONFIG
CLEAR ? *NO
*YES
OUT CONNECTIONS
--->>
MASTER OUT: 01
RTU: 01 OUT:1
ATCH 1 TO OUT: 01
RTU: 17 OUT:1
ATCH x TO OUT: 01
RTU: 23 OUT:1
INP CONNECTIONS
--->>
MASTER INP: 01
RTU: 01 IN:1
M. OUTS 90123456
(9-16) - - - - - - - -
M. INPT 90123456
(9-16) - - - - - - - -
TEST
--->>
WIRE LESS I/O
ERROR I/O CARD
M. OUTS 12345678
(1-8) - - - - - - - -
M. INPT 12345678
(1-8) - - - - - - - -
RTU: 01 OUTPUTS
- - - + - + - -
RTU: 01 INPUTS
- + - - - + - -
BATTERY
VOLTAGE 12.50 V
RTU'S LOGGER
--->>
RTU: 01
Errors: 002
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