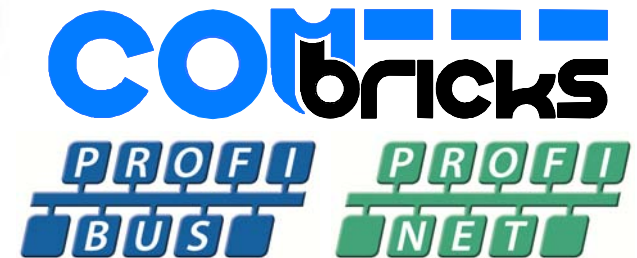


PROCENTEC

The PROFIBUS and PROFINET Company



COMbricks – Web server

General Status



COMbricks - Procentec - Windows Internet Explorer
http://192.168.1.230/

COMbricks - Procentec

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IP address: 192.168.1.230	MAC address: 9C:B2:06:00:02:18	System uptime: 0 days, 0:16:27
Site: Boiler 5	Temperature: 33°C	System time: 31-Mar-2011 21:32:12
Company: Oil and Gas Company	Country: Alaska	

Status

User message

- 3 March 2011: Service on Wago remote I/O.
- 7 March 2011: Exchanged plug on Siemens ET200S.
Call John Doe for more information +11 (222)345678

Slot	Status	Module	Vendor	Serial #	Hw Rev
0	OK	Head Station Type 1C	PROCENTEC	000536	V1.5
1	OK	2 Channel RS485 Repeater Type 1	PROCENTEC	000201	V0.5
2	OK	2 Channel RS485 Repeater Type 1	PROCENTEC	000200	V0.5



Remote information

Messages left by the user

Inserted modules in the system

Advanced, but easy menu

Module Status



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http://wateringen.procentec.com:8180/

COMbricks - Procentec

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IP address: 192.168.1.230	MAC address: 9C:B2:06:00:02:03	System uptime: 1 days, 10:09:53
Site: Boiler 5	Temperature: 41°C	System time: 26-Jun-2011 0:56:58
Company: Oil and Gas Company	Country: Alaska	

Head station status

Head station status	
Vendor:	PROCENTEC
Module type:	Head Station Type 1C
Serial number:	000515
Software revision:	V1.253b
Hardware revision:	V1.5
Mac address:	9C:B2:06:00:02:03
IP address:	192.168.1.230
Power supply 1:	● Connected
Power supply 2:	● Not connected
Micro SD-card present:	Yes
Current consumption (at 5.75V):	0.933A
Temperature:	41°C
Uptime:	1 days, 10:09:53
Attached modules:	2

System Log



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IP address: 192.168.1.230	MAC address: 9C:B2:06:00:02:18	System uptime: 0 days, 0:02:18
Site: Boiler 5	Temperature: 28°C	System time: 2-Apr-2011 16:29:41
Company: Oil and Gas Company		Country: Alaska

System log

Descending Pages:

#	Date & Time	Message
5	2-Apr-2011 16:28:18	Module added in slot 2: 2 Channel RS485 Repeater Type 1 (sn:200)
4	2-Apr-2011 16:28:10	Module removed from slot 2
3	2-Apr-2011 16:27:48	Module added in slot 2: 2 Channel RS485 Repeater Type 1 (sn:200)
2	2-Apr-2011 16:27:42	Module added in slot 1: 2 Channel RS485 Repeater Type 1 (sn:201)
1	2-Apr-2011 16:27:34	System startup (00)

Last update: 2-Apr-2011 16:29:41 (5 lines, 20 lines per page)

General configuration



General configuration

Date & time synchronization

Synchronize time:	PC time: 8-Apr-2011 14:13:21	COMbricks time: 8-Apr-2011 14:13:21	<input type="button" value="Sync now"/>
Set time manually:	date: <input type="text" value="8"/> - <input type="text" value="4"/> - <input type="text" value="2011"/>	time: <input type="text" value="14"/> : <input type="text" value="11"/> : <input type="text" value="33"/>	<input type="button" value="Set now"/>

Date & time settings

Time zone:	<input type="text" value="GMT +1"/>
Time display format:	<input type="text" value="24H"/>

Site info

Company:	<input type="text" value="Oil and Gas Company"/>
Site name:	<input type="text" value="Boiler 5"/>
Country:	<input type="text" value="Alaska"/>

Display refresh

Automatic refresh:	<input checked="" type="checkbox"/>
Update interval (seconds):	<input type="text" value="1"/>

Log save interval

Auto save log interval (minutes):	<input type="text" value="15"/> *
-----------------------------------	-----------------------------------

Configuration:

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Not logged in.

Remote info which is displayed on every web page

Important settings related to the Ethernet bandwidth

Important settings related to durability of the SD card

Network configuration



COMbricks - Procentec - Windows Internet Explorer
 http://192.168.1.230/

COMbricks - Procentec

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Configuration:

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- IP config
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- Network config** ←
- E-mail account config
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IP address: 192.168.1.230 MAC address: 9C:B2:06:00:02:18 System uptime: 0 days, 0:58:29

Site: Boiler 5 Temperature: 41°C System time: 28-Jun-2011 10:39:27

Company: Oil and Gas Company Country: Alaska

Network configuration

Network #	Name
Network name 1:	Tank 1
Network name 2:	Tank 2
Network name 3:	Reserve Tank 1
Network name 4:	Reserve Tank 2

Customized network names

Slot	Module	Channel	Set by	Current Network	Current Redundancy	Set Network (if Software)	Set Redundancy (if Software)
1	2 Channel RS485 Repeater Type 1	Ch 1	Dipswitch	1	Off	1	<input type="checkbox"/>
		Ch 2	Dipswitch	1	Off	1	<input type="checkbox"/>
2	2 Channel RS485 Repeater Type 1	Ch 1	Dipswitch	2	Off	2	<input type="checkbox"/>
		Ch 2	Dipswitch	2	Off	2	<input type="checkbox"/>
3	empty						
4	empty						

Hardware or software

Software settings

IP Configuration



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http://192.168.1.254/

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PROCENTEC COMbricks

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- Device management
- IP config**
- Password config
- Network config
- E-mail account config
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- Event config
- Update license

Current IP address

MAC address: 9C:B2:06:00:02:18 System uptime: 0 days, 0:45:31

Temperature: 39°C System time: 31-Mar-2011 22:01:15

Company: Oil and Gas Company

IP configuration

Tick this checkbox if DHCP is required

New IP address + other settings

IP addresses	
Enable DHCP:	<input type="checkbox"/>
IP address:	192.168.1.230
Netmask:	255.255.255.0
Default gateway:	192.168.1.1
DNS server:	208.67.222.222

Link	
Notification link:	<input type="text"/> *

*) Please provide a hyperlink (starting with http://) which directly leads to this COMbricks website. It will be sent along with notifications to the user, such as E-mails, and allows easy access to this device.

Save

Email account config



COMbricks - Procentec - Windows Internet Explorer

http://192.168.1.230/

COMbricks - Procentec

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IP address: 192.168.1.230 MAC address: 9C:B2:06:00:02:18 System uptime: 0 days, 0:17:55

Site: Boiler 5 Temperature: 35°C System time: 17-Feb-2010 1:11:50

Company: Oil and Gas Company Country: Alaska

E-mail account configuration

Account settings

To recipient E-mail address:	<input type="text" value="service@oag.al; john.doe@oag.al; peter.slow@integrator.com"/>	*
CC recipient E-mail address:	<input type="text" value="production@oal.al"/>	*
From E-mail address:	<input type="text" value="boiler5@oal.al"/>	
E-mail subject:	<input type="text" value="***** Boiler5 PROFIBUS Events *****"/>	
SMTP-Server address:	<input type="text" value="mailserver1.oal.al"/>	
SMTP-Server port:	<input type="text" value="25"/>	
SMTP-Username and password:	<input checked="" type="checkbox"/>	
SMTP-Username:	<input type="text" value="boiler5"/>	
SMTP-Password:	<input type="password"/>	

*) Can contain up to 3 E-mail addresses, separated by semicolon

email server parameters

Direct testing of server settings

Password setup



COMbricks - Procentec - Windows Internet Explorer

http://192.168.1.230/

COMbricks - Procentec


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IP address: 192.168.1.230	MAC address: 9C:B2:06:00:02:18	System uptime: 0 days, 2:08:17
Site: Boiler 5	Temperature: 37°C	System time: 2-Apr-2011 18:35:40
Company: Oil and Gas Company	Country: Alaska	

Change password

Passwords	New password	Re-enter new password	Save
User password:	<input type="text"/>	<input type="text"/>	<input type="button" value="Save"/>
Admin password:	<input type="text"/>	<input type="text"/>	<input type="button" value="Save"/>

Please note: These passwords apply to the **WEB, FTP and TELNET** interfaces.

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Software and Document Downloads

Documents

	SD card: User Manual	Download the latest version from internet	21-08-2011		5,0M
	SD card: Datasheet - Head Station 1A/1B/1C	Download the latest version from internet	12-04-2011		1,0M
	SD card: Datasheet - 2CH repeater T1 module	Download the latest version from internet	16-06-2011		1,0M
	SD card: Datasheet - 1CH repeater T1 module	Download the latest version from internet	16-06-2011		1,0M

Link to download from SD card

Software

	SD card: Discovery Tool V1.3.2	Form to download the latest version	01-03-2011		1,0M
	SD card: Firmware Update Tool V1.5	Form to download the latest version	01-03-2011		1,0M

Link to download the latest version from Internet

Firmware

	SD card: Head Station Type 1 Firmware V1.253	Form to download the latest version	09-08-2011		3,0M
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ProfiTrace OE – Live List



COMbricks - Procentec - Windows Internet Explorer

http://192.168.1.230/

COMbricks - Procentec

IP address: 192.168.1.230 MAC: System uptime: 0 days, 0:20:50
 Site: Boiler 5 System time: 1-Jul-2011 13:26:26
 Company: Oil and Gas Company Alaska

Monitoring 4 networks

Live list

Tank 1 Tank 2 Reserve Tank 1 Reserve Tank 2

Baud rate: 1.5 Mbps

Model_Name Reset Live list

	0	1	2	3	4	5	6	7	8	9
0	0	1	2	3	4	5	6	7	8	9
10	10	11	12	Heidenhain Encoder	14	VM10 NORGREN	16	17	18	19
20	20	21	22	23	750-333 WAGO	25	26	GPL-DT4 LGIS	28	29
30	30	31	750-333 WAGO	33	34	35	ET200S SIEMENS	37	38	39
40	40	41	42	43	44	45	46	47	48	49
50	50	51	52	53	54	BPS34 LEUZE	56	57	58	59
60	60	61	62	63	64	65	66	67	68	69
70	70	71	72	73	74	75	76	77	78	79
80	80	81	82	ILBPBA14AO PHOENIX	84	85	86	87	88	89

Similar Live List as ProfiTrace 2

ProfiTrace OE - Statistics



COMbricks - Procentec - Windows Internet Explorer

http://192.168.1.230/

COMbricks - Procentec

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- [Password config](#)

IP address: 192.168.1.230 MAC: System uptime: 0 days, 0:25:01

Site: Boiler 5 System time: 1-Jul-2011 13:30:37

Company: Oil and Gas Company Alaska

Statistics

Tank 1 Tank 2 Reserve Tank 1 Reserve Tank 2

Baud rate: 1.5 Mbps

Syncs

Syncs: The number of messages sent to a slave, which was not available in the previous cycle.

	0	1	2	3	4	5	6	7	8	9
0										
10				4378		5452				
20										
30										
40										
50										
60										
70										

Monitoring 4 networks



Similar Statistics as ProfiTrace 2

ProfiTrace OE – Device location



COMbricks - Procentec - Mozilla Firefox
 Bestand Bewerken Beeld Geschiedenis Blgdwizjers Extra Help
 http://192.168.0.237/

COMbricks - Procentec

PROCENTEC
 COMbricks webserver V0.103b

IP address: 192.168.0.237 MAC address: 9C:B2:06:00:00:16 System uptime: 0 days, 0:01:46

Site: Boiler 5
 Company: Oil and Gas Company

ProfiTrace OE:

- Status
- Livelist** ←
- Statistics
- Message recording
- System Log
- Network event Log
- User message

Configuration:

- General config
- Backup settings
- IP config
- Password config
- Network config

LiveList

Tank 1 Tank

Baud rate: 1.5 Mbps

Reset livelist Module & Channel Nr. ▾

0	0	1	2	mod10,ch1	4	5	6	7	8	9
10	mod10,ch1	11	mod7, ch1	mod7, ch1	mod7, ch1	mod7, ch1	16	17	18	19
20	20	21	22	23	24	25	26	27	28	29
30	30	31	mod10,ch1	33	34	35	36	37	38	39
40	40	41	42	43	44	45	mod10,ch1	47	48	49
50	50	51	52	53	54	55	56	57	58	59
60	60	61	62	63	64	65	66	67	68	69

Module 10 Channel 1

Module 7 Channel 1

12, 13, 14, 15, 3, 10, 30, 46

Innovation:
 Device location

ProfiTrace OE – Recording



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Logged in as: **Administrator**

[Logout](#)

Tank 1	Tank 2	Reserve Tank 2
Trigger settings		
Lost: <input checked="" type="checkbox"/> *	Int. diag: <input type="checkbox"/>	
Syncs: <input type="checkbox"/>	Ext. diag: <input type="checkbox"/>	
Repeats: <input type="checkbox"/> *	Diag while in Dx: <input type="checkbox"/>	
Illegals: <input type="checkbox"/>		
Message count before trigger: <input type="text" value="10"/>	Message count after trigger: <input type="text" value="10"/>	

*) At least 2 messages before the trigger are required for this trigger type.

Capture status	
Start capturing:	start message recording <input checked="" type="checkbox"/> Auto re-trigger
Stop capturing:	stop message recording
Capture status:	Waiting for trigger... <small>(Previous capture: Finished successfully)</small>

[Refresh file list](#) Last

Recorded files	Message count (before/after trigger)	Triggered event	File date & time	Delete file
000203_Nw1_2.ptc	10/10	Lost	1-Jul-2011 13:30:26	Delete
000203_Nw1_1.ptc	10/10	Lost	1-Jul-2011 13:30:22	Delete

Trigger settings.
Lost is default

Recording range

Automatic re-triggering

Already recorded files from network 1

ProfiTrace OE – Events



COMbricks - Procentec - Windows Internet Explorer

http://192.168.1.230/

COMbricks - Procentec

IP address: 192.168.1.230 MAC address: 9C:B2:06:00:02:18 System uptime: 0 days, 5:27:00
 Site: Boiler 5 Temperature: 37°C 00:55
 Company: Oil and Gas Company Country: AL

Event configuration

Network 1 events	E-Mail	Log
Enable:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Station lost:	Interval <input type="checkbox"/>	Interval <input type="checkbox"/>
Syncs:	Once <input checked="" type="checkbox"/>	Interval <input type="checkbox"/>
Repeats:	Interval <input type="checkbox"/>	Interval <input type="checkbox"/>
Illegals:	Interval <input type="checkbox"/>	Interval <input type="checkbox"/>
Internal Diagnostics:	Off <input type="checkbox"/>	Interval <input type="checkbox"/>
External Diagnostics:	Off <input type="checkbox"/>	Interval <input type="checkbox"/>
Diagnostics while in DX:	Off <input type="checkbox"/>	Interval <input type="checkbox"/>
Master lost:	Off <input type="checkbox"/>	Interval <input type="checkbox"/>
Baudrate change:	Off <input checked="" type="checkbox"/>	Interval <input type="checkbox"/>
Low signal (bargraph):	Off <input type="checkbox"/>	Interval <input type="checkbox"/>

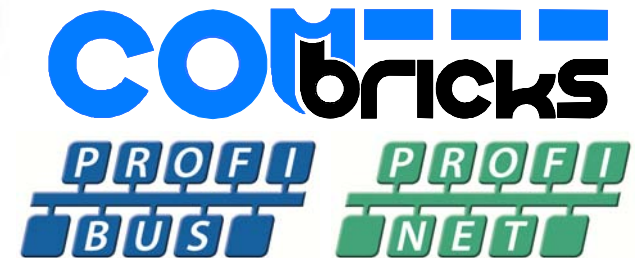
Event configuration for E-mail and Log

Every network can be configured

Multiple options for an event:
 - Off
 - Once
 - Interval

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