




**PLANRAY**  
*- Trace Heating Automation -*



# SKYTRACE

Trace Heating Automation  
Server Software

SKY TRACE

 **PLANRAY**  
- Trace Heating Automation -

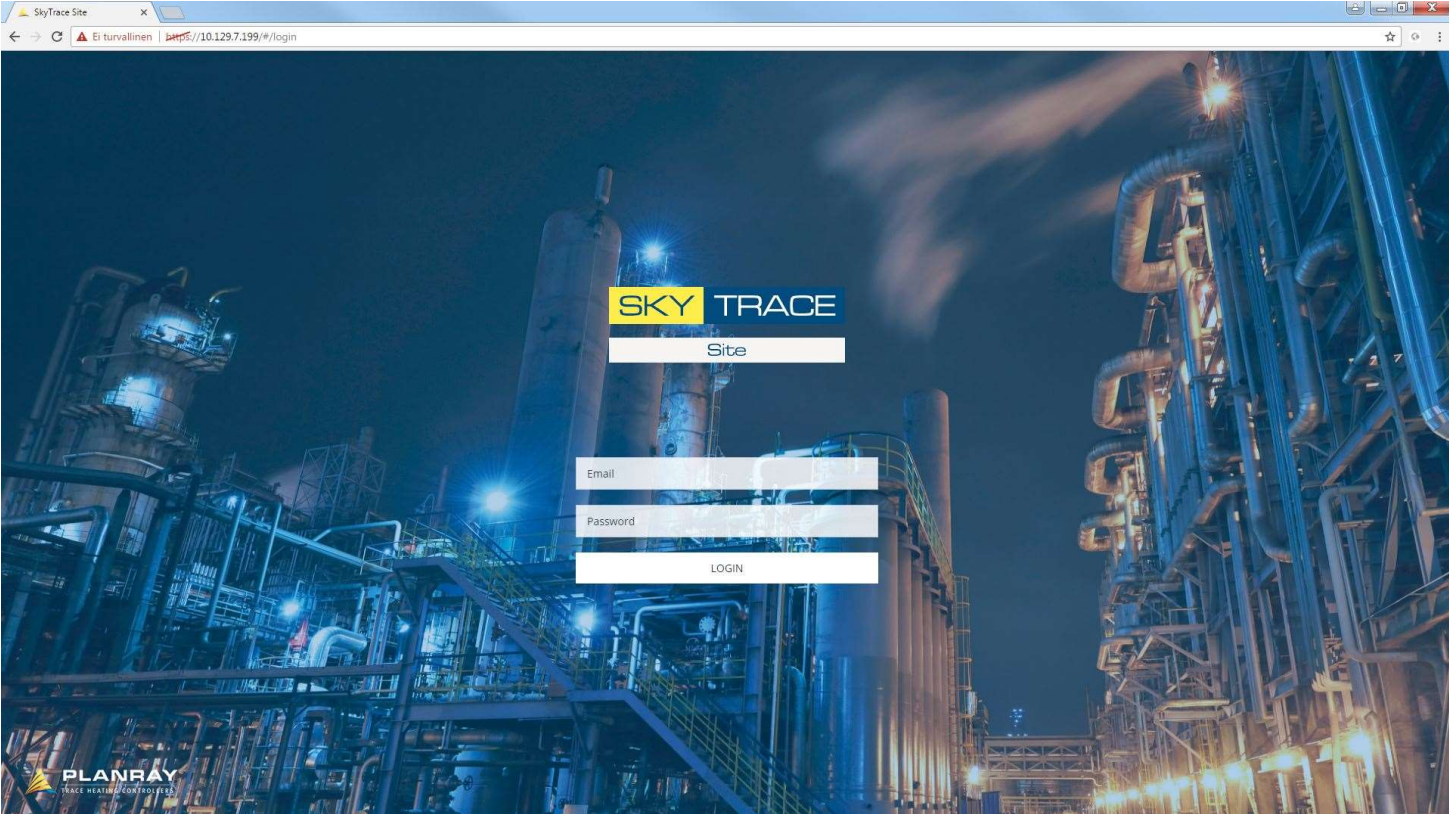
# SKYTRACE

Software

- Server installation
- Control system for the factory electric heatings
- No restrictions on the number of circuits
- User interface browser based
- Secured user accounts
- Can be used from internal network from anywhere from the site
- No restrictions on the number of users
- Easy to use

# SKYTRACE

## Login



SkyTrace Site

Ei turvallinen | [https://10.129.7.199/#/login](#)

**SKY TRACE**

Site

Email

Password

LOGIN

**PLANRAY**  
TRACE HEATING AUTOMATION

# SKYTRACE

## User Interface

SkyTrace Site

← → ↻ ⚠ Ei turvallinen | https://10.129.7.199/#/main/circuits

SKY TRACE Site CIRCUIITS MAINTENANCE ADMIN

Table Map Search by keyword

Circuit	Device Position	Type	Center Output	Heating	Set point	Temp TC	Temp TL	Power
00 AAA BTC 01		TC+TL		✗	...	...	...	...
000 AAA BT TEST H		TC		✗	...	...	...	...
3H.FV8-01 TRIAC 2	EL7	TC	05	✓	30°C	22.00°C	22.00°C	0.00kWh
AA1331 0203F7 (ulkolämpö)	RMP-58	TC	0203F7	✓	5°C	-13.00°C	...	0.00kWh
AA1331 0204F2 (sisälämpö)	RMP-58	TC	0204F2	✓	5°C	22.00°C	...	0.00kWh
BTR 01		TC+TL	01F20	✓	12°C	21.80°C	266.10°C	...
BTR 02 TOIMISTO		TC+TL	01F22	✓	22°C	22.20°C	22.50°C	...
K0302F2_2	RMP-58	TC	0302F2.2	✓	5°C	0.00°C	...	0.00kWh
K1331 0202F2	RMP-57	TA	0202F2	✓	5°C	...	...	0.00kWh
K1331 0202F3	RMP-57	TA	0202F3	✓	5°C	...	...	0.00kWh
K1331 0202F4	RMP-57	TA	0202F4	✓	5°C	...	...	0.00kWh
K1331 0202F5	RMP-57	TA	0202F5	✗	5°C	50.00°C (TA)	...	0.00kWh
K1331 0202F6	RMP-57	TA	0202F6	✓	5°C	...	...	0.00kWh
K1331 0202F7	RMP-57	TA	0202F7	✓	5°C	122.00°C (TA)	...	0.00kWh
K1331 0203F2	RMP-57	TA	0203F2	✓	5°C	122.00°C (TA)	...	0.00kWh
K1331 0203F3	RMP-57	TA	0203F3	✓	5°C	...	...	0.00kWh
K1331 0302F2_3	RMP-58	TA	0302F2.3	✓	5°C	...	...	0.00kWh
K1331 0302F2_4	RMP-58	TA	0302F2.4	✓	5°C	...	...	0.00kWh
K1331 0302F2_5	RMP-58	TA	0302F2.5	✓	5°C	...	...	0.00kWh
K1331 0302F3	RMP-58	TA	0302F3	✓	5°C	...	...	0.00kWh
K1331 0302F4_1	RMP-58	Alarm	0302F4.1	✓	5°C	...	...	0.00kWh
K1331 0302F4_2	RMP-58	TA	0302F4.2	✓	5°C	...	...	0.00kWh
K1331 0302F5	RMP-58	TA	0302F5	✓	5°C	...	...	0.00kWh
K1331 0302F6	RMP-58	TA	0302F6	✓	10°C	...	...	0.00kWh
K1331 0302F7 1	RMP-58	TA	0302F7.1	✓	5°C	...	...	0.00kWh

Search alarms

Order by Time Hide acknowledged

Disconnected: 2  
Not acked: 15  
Acked: 17

- 9 Ethernet connection to device lost 13 days
- 9 Ethernet connection to device lost 14 days
- 1 K1331 0202F3 2 days
- 1 K1331 0202F7 7 days
- 1 K1331 0202F5 7 days
- 1 K1331 0203F3 7 days
- 1 K1331 0302F6 7 days
- 1 K1331 0203F2 7 days
- 1 K1331 0202F6 7 days
- 1 K1331 0302F4\_1 7 days
- 1 K1331 0302F2\_4 7 days
- 3 K1331 0302F7\_2 7 days
- 1 K1331 0302F5 7 days
- 1 K1331 0302F2\_5 7 days
- 1 K1331 0302F4\_2 7 days
- 1 K1331 0302F7\_1 7 days
- 1 K1331 0302F3 7 days
- 1 K1331 0302F2\_3 7 days
- 1 K1331 0202F2 a month
- 1 K1331 0807 a month
- 1 K1331 0202F4 a month
- 1 AA1331 0204F2 (sisälämpö) a month
- 1 K1331 0808 ala a month
- 1 K1331 0807 a month



# SKYTRACE

## User Interface

The screenshot displays the SKYTRACE web application interface. The top navigation bar includes 'CIRCUITS', 'MAINTENANCE', and 'ADMIN'. Below this, a secondary bar shows 'Circuits', 'Alarms', 'Devices', 'Users', 'Appearance', 'Activation', and 'Info'. The main content area is divided into three sections:

- Left Panel:** A sidebar with a tree view containing 'Disabled circuits', 'Unmapped circuits', and 'Planray'.
- Center Panel:** A large diagram titled 'Planray' showing a complex network layout with various components like 'BTR-0210MISTO', 'SSK15', '3H-FVS01 TR...', 'TestCenter', 'Process', and 'Plant 1'. A toolbar at the top of the diagram includes 'Move', 'Center', 'Area', and 'Trace'.
- Right Panel:** An 'Alarms' section with a search bar, 'Order by' dropdown (set to 'Time'), and 'Hide acknowledged' checkbox. It lists several alarms with details like 'Ethernet connection to device lost' and various device IDs (e.g., K1331 0202F3, K1331 0202F5, etc.) along with their status and time.

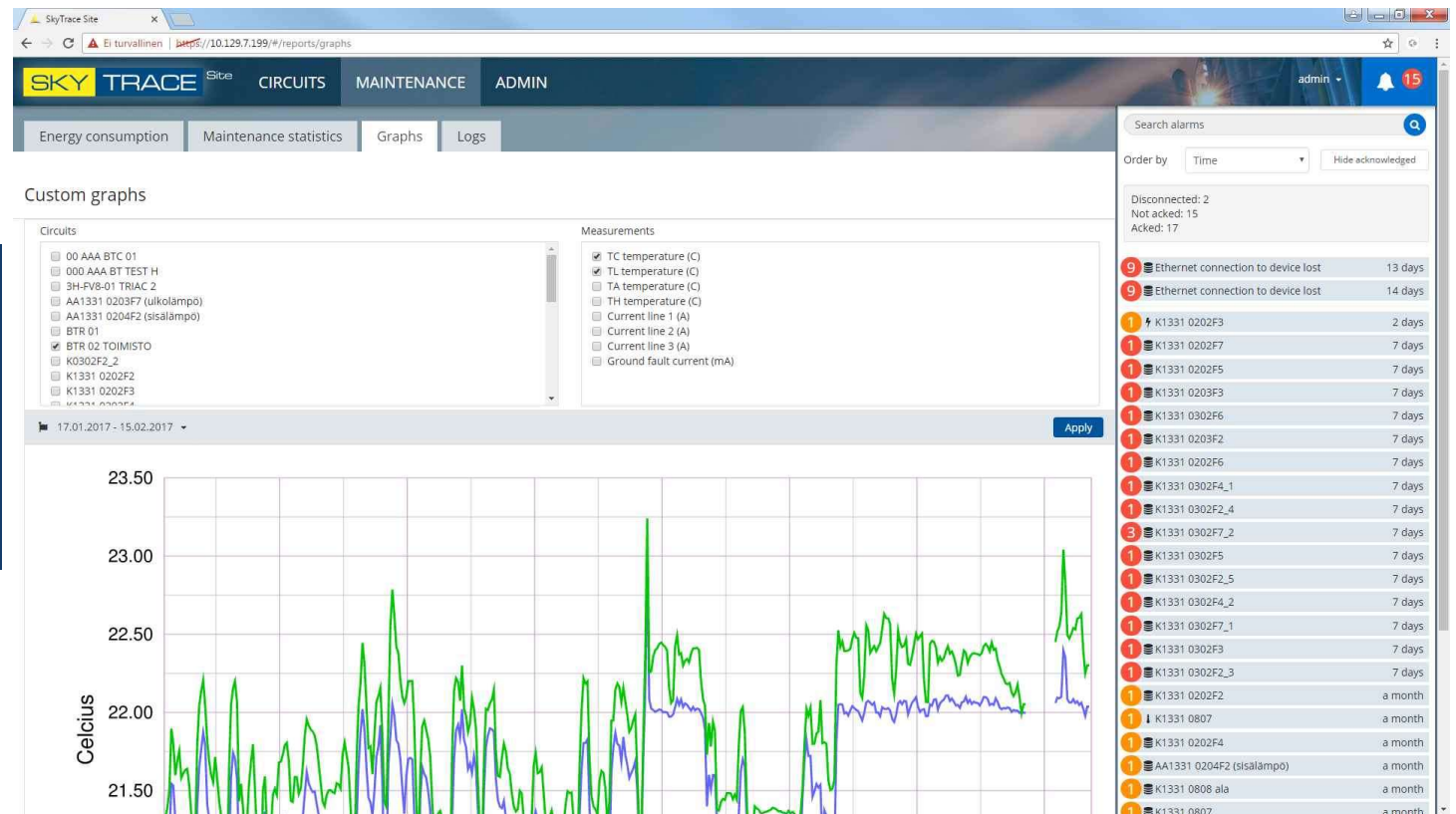
# SKYTRACE

Software

- Circuits on the list view
- MAPS, area layout
- Trace heating panels to the layout view
- Circuits to the process charts
- Versatile search parameters
- Trends from the measurements
- Versatile alarm functions
- Condition monitoring, circuits and devices
- Preventive maintenance
- Easy expandability for new panels

# SKYTRACE

## User Interface





# SKYTRACE

## User Interface

The screenshot displays the SKYTRACE web application interface. At the top, there's a navigation bar with tabs for CIRCUIITS, MAINTENANCE, and ADMIN. Below this is a sub-navigation bar with tabs for Circuits, Alarms, Devices, Users, Appearance, Activation, and Info. The main content area is divided into three sections:

- Left Panel:** A sidebar with a tree view showing 'Disabled circuits', 'Unmapped circuits', and 'Planray'.
- Center Panel:** A 3D isometric model of an industrial plant with various tanks, pipes, and machinery. A tooltip at the top of the model reads: 'Editing tracepipe for AA1331 0203F7 (ulkolämpö). Hold Control to delete a tracepipe.' Below the model is a 'Change map' button.
- Right Panel:** An 'Alarms' section with a search bar and a table of active alarms.

**Alarms Table:**

Order	Alarm Description	Time
9	Ethernet connection to device lost	13 days
9	Ethernet connection to device lost	14 days
1	K1331 0202F3	2 days
1	K1331 0202F7	7 days
1	K1331 0202F5	7 days
1	K1331 0203F3	7 days
1	K1331 0302F6	7 days
1	K1331 0203F2	7 days
1	K1331 0202F6	7 days
1	K1331 0302F4_1	7 days
1	K1331 0302F2_4	7 days
3	K1331 0302F7_2	7 days
1	K1331 0302F5	7 days
1	K1331 0302F2_5	7 days
1	K1331 0302F4_2	7 days
1	K1331 0302F7_1	7 days
1	K1331 0302F3	7 days
1	K1331 0302F2_3	7 days
1	K1331 0202F2	a month
1	K1331 0807	a month
1	K1331 0202F4	a month
1	AA1331 0204F2 (sisälämpö)	a month
1	K1331 0808 ala	a month
1	K1331 0807	a month

# SKYTRACE

Software

The most powerful control system for factory trace heating requirements.



**PLANRAY**  
- Trace Heating Automation -

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