

DAT mc LUX

Prague, 7. – 8. 6. 2017

Who we are:

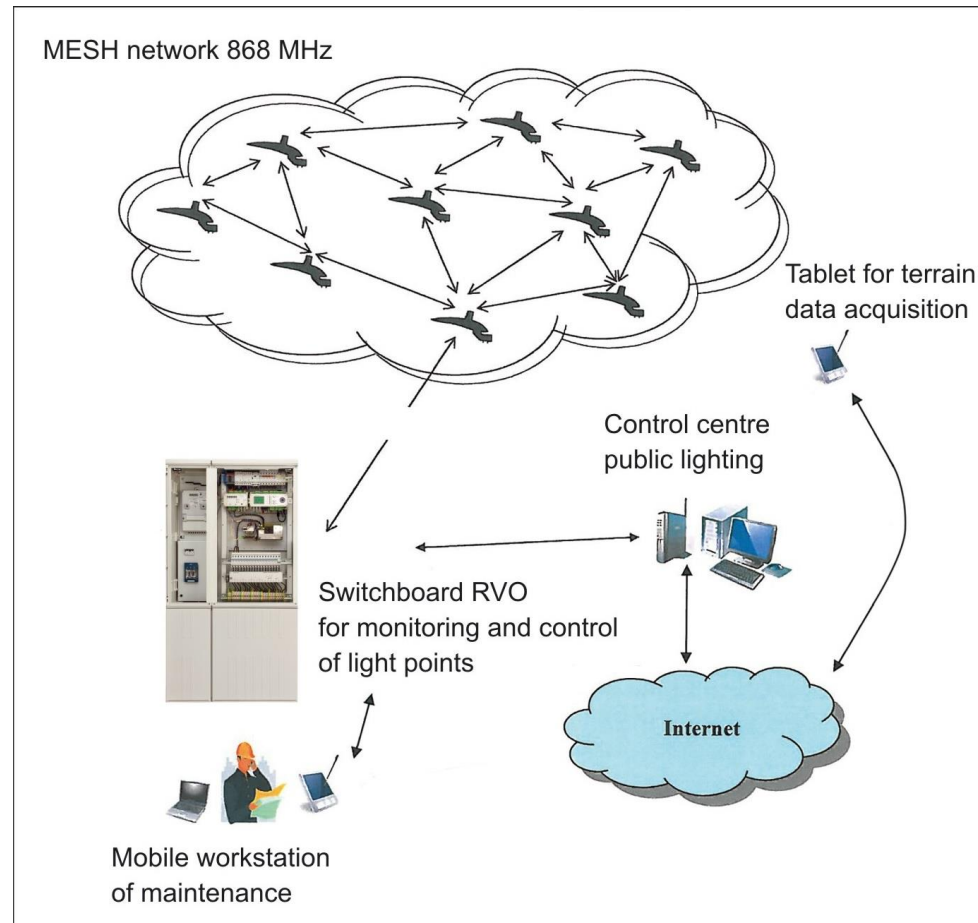
- Developer and manufacturer of the DATMO – street lighting
- Developer and manufacturer of the DATMO radioCONTROL
- Distributor of HARVARD ENGINEERING electronic gears for both street and interior lighting
- Established in 2000

What we do:

- Energy and cost saving projects in the area of street and industrial lighting
- Street lighting DATMO modular system – cost and energy saving projects, street lighting switchboards, street lighting control systems (visualization)
- Industrial lighting, office lighting, lighting for sport halls, cinemas, schools,...
- Pole testing (ROCH)

Street lighting

The MSB system has been developed for monitoring the operational statuses of individual lamps.



Some examples of successful implementations with IQRF technology

Street lighting with wireless control in Rosice (Czech Republic)

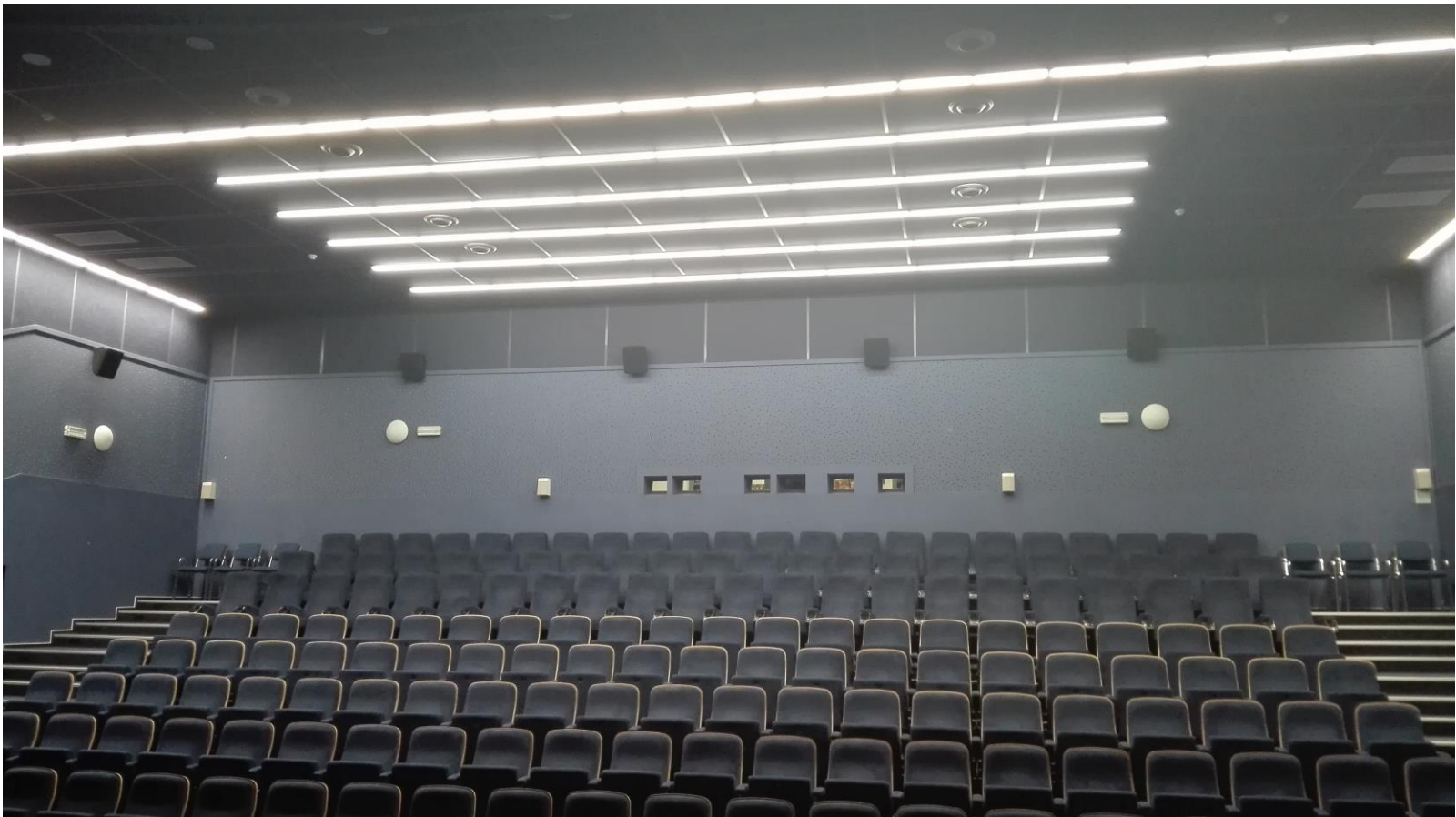


Cinema lighting with wireless control in Kino MÁJ Uherský Brod



before

Cinema lighting with wireless control in Kino MÁJ Uherský Brod



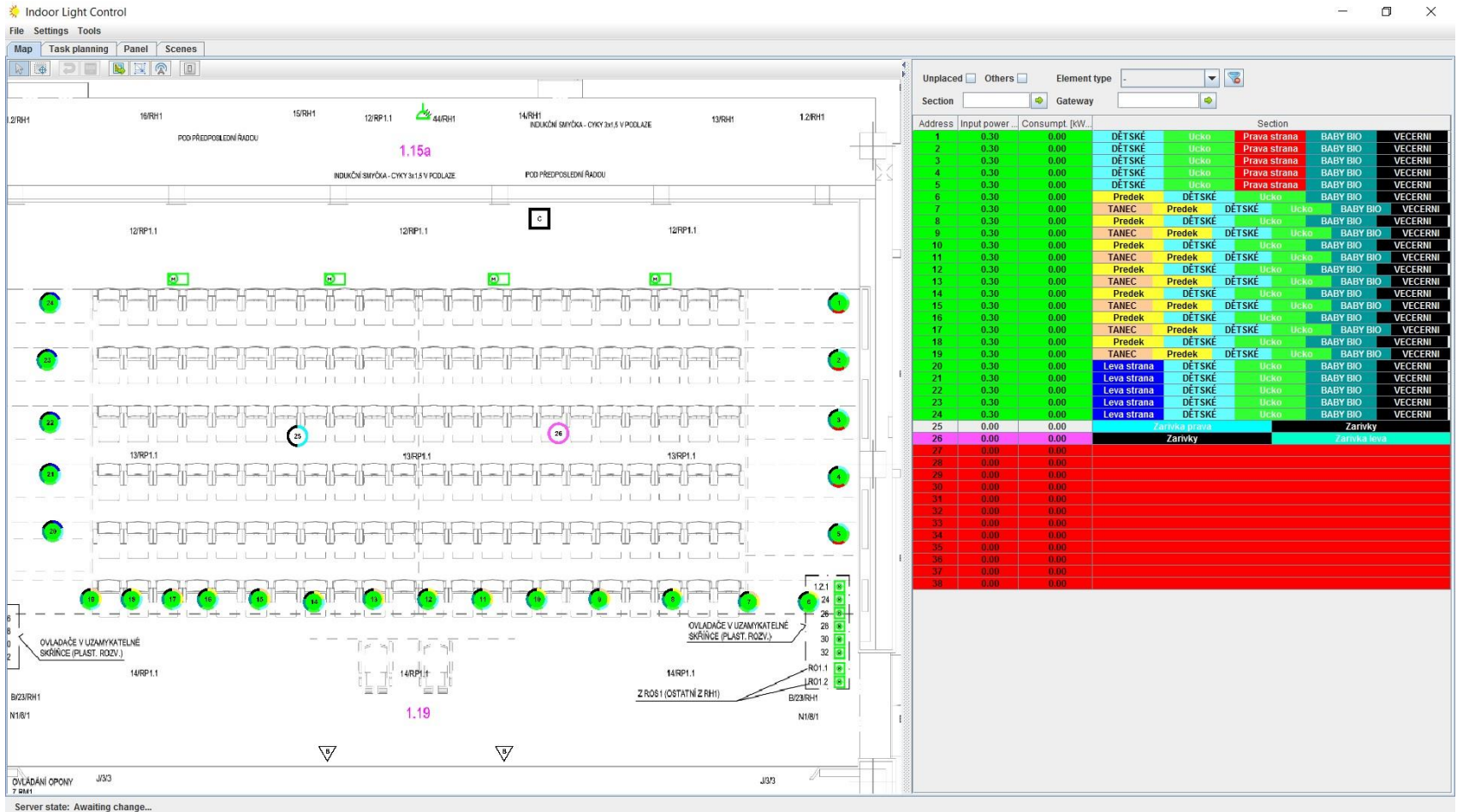
after

Software for control lighting

Indoor Light Control

File Settings Tools

Map Task planning Panel Scenes



The main interface displays a floor plan with various lighting fixtures and control points. The fixtures are labeled with addresses and names, such as 12/RP1.1, 13/RP1.1, and 14/RP1.1. The data table on the right provides a detailed view of the fixtures, including their addresses, input power, consumption, and section assignments.

Address	Input power	Consumpt	Section
1	0.30	0.00	DĚTSKÉ Učko Prava strana BABY BIO VECERNI
2	0.30	0.00	DĚTSKÉ Učko Prava strana BABY BIO VECERNI
3	0.30	0.00	DĚTSKÉ Učko Prava strana BABY BIO VECERNI
4	0.30	0.00	DĚTSKÉ Učko Prava strana BABY BIO VECERNI
5	0.30	0.00	DĚTSKÉ Učko Prava strana BABY BIO VECERNI
6	0.30	0.00	Predek DĚTSKÉ Učko BABY BIO VECERNI
7	0.30	0.00	TANEC Predek DĚTSKÉ Učko BABY BIO VECERNI
8	0.30	0.00	Predek DĚTSKÉ Učko BABY BIO VECERNI
9	0.30	0.00	TANEC Predek DĚTSKÉ Učko BABY BIO VECERNI
10	0.30	0.00	Predek DĚTSKÉ Učko BABY BIO VECERNI
11	0.30	0.00	TANEC Predek DĚTSKÉ Učko BABY BIO VECERNI
12	0.30	0.00	Predek DĚTSKÉ Učko BABY BIO VECERNI
13	0.30	0.00	TANEC Predek DĚTSKÉ Učko BABY BIO VECERNI
14	0.30	0.00	Predek DĚTSKÉ Učko BABY BIO VECERNI
15	0.30	0.00	TANEC Predek DĚTSKÉ Učko BABY BIO VECERNI
16	0.30	0.00	Predek DĚTSKÉ Učko BABY BIO VECERNI
17	0.30	0.00	TANEC Predek DĚTSKÉ Učko BABY BIO VECERNI
18	0.30	0.00	Predek DĚTSKÉ Učko BABY BIO VECERNI
19	0.30	0.00	TANEC Predek DĚTSKÉ Učko BABY BIO VECERNI
20	0.30	0.00	Leva strana DĚTSKÉ Učko BABY BIO VECERNI
21	0.30	0.00	Leva strana DĚTSKÉ Učko BABY BIO VECERNI
22	0.30	0.00	Leva strana DĚTSKÉ Učko BABY BIO VECERNI
23	0.30	0.00	Leva strana DĚTSKÉ Učko BABY BIO VECERNI
24	0.30	0.00	Leva strana DĚTSKÉ Učko BABY BIO VECERNI
25	0.00	0.00	Zarivky Zarivky
26	0.00	0.00	Zarivky Zarivky
27	0.00	0.00	
28	0.00	0.00	
29	0.00	0.00	
30	0.00	0.00	
31	0.00	0.00	
32	0.00	0.00	
33	0.00	0.00	
34	0.00	0.00	
35	0.00	0.00	
36	0.00	0.00	
37	0.00	0.00	
38	0.00	0.00	

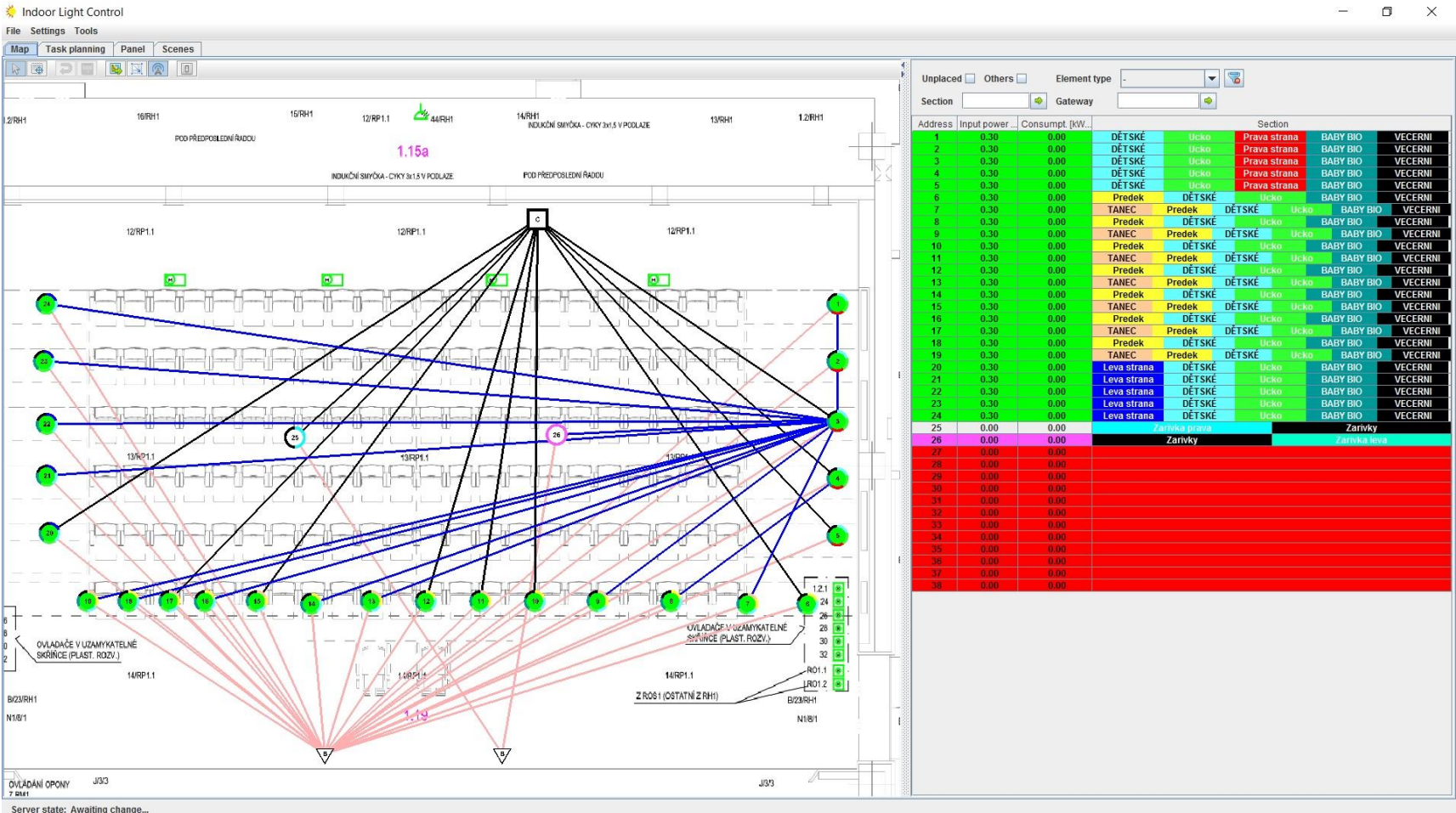
Server state: Awaiting change...

Software for control lighting MESH network

Indoor Light Control

File Settings Tools

Map Task planning Panel Scenes



The interface displays a floor plan with a central node 'c' and a mesh network of nodes connected by lines. The nodes are color-coded and labeled with numbers. The right side of the interface shows a data table with columns for Address, Input power, Consumpt. [kW], and Section. The table lists 38 nodes, each with its own input power and consumption values, and is organized into sections such as 'DĚTSKÉ', 'Predek', 'TANEC', 'Leva strana', and 'Zarivky'.

Address	Input power	Consumpt. [kW]	Section
1	0.30	0.00	DĚTSKÉ Učko Prava strana BABY BIO VECERNI
2	0.30	0.00	DĚTSKÉ Učko Prava strana BABY BIO VECERNI
3	0.30	0.00	DĚTSKÉ Učko Prava strana BABY BIO VECERNI
4	0.30	0.00	DĚTSKÉ Učko Prava strana BABY BIO VECERNI
5	0.30	0.00	DĚTSKÉ Učko Prava strana BABY BIO VECERNI
6	0.30	0.00	Predek DĚTSKÉ Učko BABY BIO VECERNI
7	0.30	0.00	TANEC Predek DĚTSKÉ Učko BABY BIO VECERNI
8	0.30	0.00	Predek DĚTSKÉ Učko BABY BIO VECERNI
9	0.30	0.00	TANEC Predek DĚTSKÉ Učko BABY BIO VECERNI
10	0.30	0.00	Predek DĚTSKÉ Učko BABY BIO VECERNI
11	0.30	0.00	TANEC Predek DĚTSKÉ Učko BABY BIO VECERNI
12	0.30	0.00	Predek DĚTSKÉ Učko BABY BIO VECERNI
13	0.30	0.00	TANEC Predek DĚTSKÉ Učko BABY BIO VECERNI
14	0.30	0.00	Predek DĚTSKÉ Učko BABY BIO VECERNI
15	0.30	0.00	TANEC Predek DĚTSKÉ Učko BABY BIO VECERNI
16	0.30	0.00	Predek DĚTSKÉ Učko BABY BIO VECERNI
17	0.30	0.00	TANEC Predek DĚTSKÉ Učko BABY BIO VECERNI
18	0.30	0.00	Predek DĚTSKÉ Učko BABY BIO VECERNI
19	0.30	0.00	TANEC Predek DĚTSKÉ Učko BABY BIO VECERNI
20	0.30	0.00	Leva strana DĚTSKÉ Učko BABY BIO VECERNI
21	0.30	0.00	Leva strana DĚTSKÉ Učko BABY BIO VECERNI
22	0.30	0.00	Leva strana DĚTSKÉ Učko BABY BIO VECERNI
23	0.30	0.00	Leva strana DĚTSKÉ Učko BABY BIO VECERNI
24	0.30	0.00	Leva strana DĚTSKÉ Učko BABY BIO VECERNI
25	0.00	0.00	Zarivky prava Zarivky
26	0.00	0.00	Zarivky Zarivky
27	0.00	0.00	Zarivky
28	0.00	0.00	Zarivky
29	0.00	0.00	Zarivky
30	0.00	0.00	Zarivky
31	0.00	0.00	Zarivky
32	0.00	0.00	Zarivky
33	0.00	0.00	Zarivky
34	0.00	0.00	Zarivky
35	0.00	0.00	Zarivky
36	0.00	0.00	Zarivky
37	0.00	0.00	Zarivky
38	0.00	0.00	Zarivky

Server state: Awaiting change...

Software for control lighting Control panel - sections

Indoor Light Control

File Settings Tools

Map Task planning Panel Scenes

DĚTSKÉ Shut on 1 Shut off	VECERNÍ Shut on 1 Shut off	Zarivky Shut on 7 Shut off	Ucko Shut on 1 Shut off	Prava strana Shut on 1 Shut off	Leva strana Shut on 1 Shut off	Predek Shut on 2 Shut off	Zarivka prava Shut on 7 Shut off	Zarivka leva Shut on 7 Shut off
TANEC Shut on 1 Shut off	BABY BIO Shut on 1 Shut off							

Server state: Awaiting change...



Software for control lighting

Control panel - scenes



Software for control lighting

Set the scene

Indoor Light Control

File Settings Tools

Map Task planning Panel **Scenes**

Divadlo

Apply

Kino faze 2

Apply

Kino faze 1

Apply

Kino zacatek

Apply

Pine osvetleni

Apply

Kino faze 3

Apply

Kino promitani

Apply

Scene

Name:

Description:

Section patterns

Section	Level
Ucko	2
Zarivky	0
Leva strana	4
Prava strana	4

Unassigned mode:

Unassigned level:

Administration:

OK ESC

Server state: Awaiting change...

Sport's hall in Podolí



before

Sport's hall in Podolí



after

Sport's hall in Podolí

Badminton court





Thank you for your attention.