



A U T O L O G ® SaveLight

S O P H I S T I C A T E D ® A U T O M A T I O N

Money saving solution for street light monitoring and control

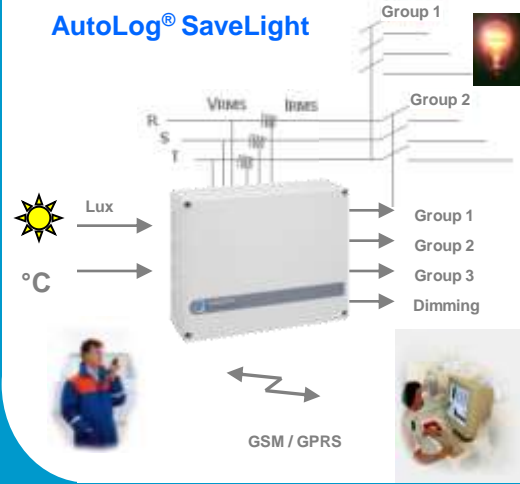
AutoLog® SaveLight is a energy- and maintenance cost-saving system which can control and monitor street lights.

Using Internet or mobile phone, this system really reduces energy and maintenance costs for street lights and especially profitable for municipal purposes.

The system can optimize street lights energy costs by lamps' burning time and intelligent dimming which is controlled by light sensors.

System is able to detect malfunctions and burnt lamps and send defect reports directly to serviceman's GSM phone.

AutoLog® SaveLight



Alarms and reports – directly to serviceman



Internet access works everywhere!

AutoLog® SaveLight - Benefits

Reduces energy costs. Optimize your lights burning time and avoid unnecessary burning. You can choose which part or exact lights are switched on and off at any moment of time. You can adjust the lights burning stage, for example, that at given time in needed area will burn different lamp groups (parts). During off-peak periods you can turn the lights off completely for selected areas.

Control your street lights yourself. Control and optimize lamps' burning time yourself using Internet access. With this solution you are no longer dependant from energy suppliers or service companies. By controlling your street lights you will get competitive solution.

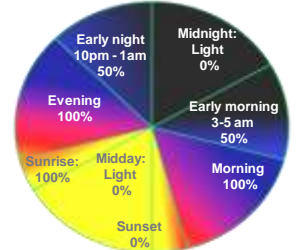
Reduce maintenance visit costs. Troubleshooting gets easier, in the way you can see problems on the map -- directly and in realtime from the common browser. System lets you assure that lights are on at the needed time, problems are detected and subcontractors have accepted the jobs and started to proceed.

Less lamps to be bought. Lamps last longer, cause their replacement interval increases proportionally to saved electrical energy. Also lamps aer expiring evenly due to different replacement intervals.

Useful dimming. You can dim the lights in off-peak periods by switching off (e.g. every third lamp) or using a transformer.

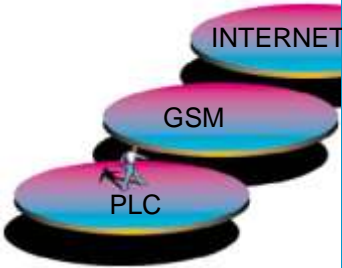
Protect the environment. Support the sustainable development by reducing electricity wastage. Nature say "thanks"!.

To be continued...



Example of the lighting program reached more than 30% energy savings.

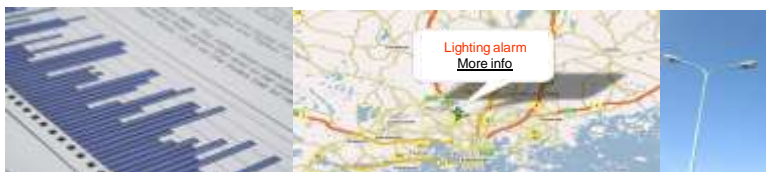
At the top is the traditional street lights program and at the bottom -- the intelligent control of street lighting.



Automation products since

1976

AutoLog® SaveLight



A U T O L O G ® SaveLight

Benefits – continued from previous page

Save working time. Using remote control you can do changes in light system instantly. Maintenance is also became faster when the light's state changing may be done by servicemen from mobile phones, and there is no need to go on site to switch the lights from electricity box.

Costs under control. No cost for software updates or servers, no IT support costs and there is no need to hire a new support person. The service is constantly developing to meet customer needs and new features are immediately available to all users.

Fast and easy to use. The control system is highly scalable and well suited for both large and small companies. We utilize already existing street light center's equipment and the control and monitoring service is running immediately when control unit installation done.

Undoubted savings. System brings sure savings which could be easily proved. We can calculate saving's value and investment payback period.

Expandable. SaveLight service can also be connected to building automation systems, and to other equipment, like water pump control. Ask for other AutoLog product brochures.

How does the system work?

Street light control units installed in centers that control lighting, and collect measurements and fault data. Control units are using GSM network for connection to central system which could be used via the Internet. Authorized service personnel will be able to control their own units and centers using GSM phone for troubleshooting.

From common Internet browser you can see lighting status on the map, where color information is used to illustrate the situation. With the same user interface you can define how the street lights should operate. To be continued ...



Information about lighting system problems, such as burnt lamps or faulty fuses could be forwarded to desired mobile phone or e-mail. Faults could be detected automatically to create work orders or you can make free-form orders for maintenance personnel. Browser is able both to track fault's condition and repair progress.

The system views are formed in accordance with the user roles, for example, the system owner is given permission to manage it and maintenance is given permission only to monitor fault units. Also, all documentation related to lighting system, you can save in electronic form.

In the collaboration with ARE, installations in different areas of Finland were done. Company C2 Information Systems from Jyväskylä, Finland is our official distributor of SaveLight.

Additional information could be found onweb-pages: www.katuvalot.fi



Ask for more information about
AutoLog® SaveLight
 features



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