



DISSY - Design, Supply, Integration of SCADA systems

WHO WE ARE:

DISSY Ltd. is an engineering company registered on 02.02.2009. It is also a successor of company "DISY - Elka Goranova", whose initial registration dates back to 1992. Since its creation the company has been involved in developing, designing and deployment of SCADA systems for railway transport and energy. Intensive development of new generation management and monitoring system using the most modern technologies began in 2005. Remote diagnostics of site systems and devices provide the maintenance of technical systems, the energy optimisation and the efficient management of the infrastructure. Centralised monitoring of all connected sites gives the operator the ability to control different kind of devices via remote connection. The company complies with all relevant international quality and product safety standards and maintains ISO 9001:2008 certified status.

COLLABORATION INTERESTS:

DISSY is interested in participating in projects under EU FP7 as well as other international programmes in its research area. Collaboration interests include analysing, developing and finding solutions regarding integration, monitoring and control systems of the railway or road transport as well as other similar area of automation systems.

AREAS FOR R&D COLLABORATION:

- Telecommunication systems;
- SCADA-based solutions and automation;
- Fail-safe secure systems;
- Consulting services and education;

MAIN ACHIEVEMENTS:

During the years of research and development the company successfully implemented several systems that are currently working and automating all complex processes in Metropolitan Sofia. In 2009, DISSY Ltd. was awarded in the category for innovative small enterprise for the DISIM2000 SCADA systems.

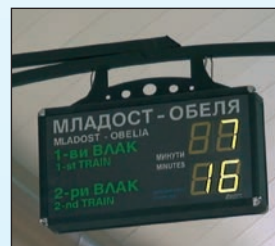
- 28.01.1998 – The SCADA system of the company was integrated, starting from station "Slivnitsa" to station "Konstantin Velichkov"
- 17.09.1999 – Station "Opalchenska" was implemented and added to the system.
- 31.10.2000 – Station "Serdika" was implemented and added to the system.
- 20.04.2003 – Station "Obelia" was implemented and added to the system.
- 08.05.2009 – Railroad "Vasil Levski national stadium" - "Mladost 1" was implemented and added to the system.
- 07.09.2009 – The connection between the two existing radiuses was implemented and added to the system.
- 08.09.2009 – Station "Kliment Ohridski" was implemented and added to the system.

WHAT MAKES US A GOOD PARTNER?

DISSY's open-minded team possesses rock solid set of skills in different IT areas, so the company can provide its partners or customers with different solutions of a single problem. "If we don't understand what someone is looking for, we know how to ask questions until we do!" The main goal is to provide customers and partners with long-term solutions that work as designed. Despite DISSY's innovative spirit, it follows certain set of standards, so customers can count on it. At the company, a simple question is asked in all situations: 'Is this a win solution?' If yes, DISSY can give it a shot.

PROJECTS:

- DISIM-E – SCADA based client-server oriented software whose main purpose is to automate all processes and devices in Metropolitan Sofia energy department;
- DISIM-T – SCADA based client-server oriented software whose main purpose is to automate all processes and devices in Metropolitan Sofia train department;
- DISIM-PIS – part of DISIM-T SCADA - little real-time server side software which is responsible to inform Metropolitan Sofia customers about the timetable of every train;
- DD-100 – radio information system integrated in every train of Metropolitan Sofia. Its main purpose is to provide passengers with all necessary information;
- Semi automatic block system – the main purpose of the system is to provide security and safety to all passengers using BDZ transport, ensuring that there is no possibility of train collisions.



OTHER INFORMATION:

Name of the organisation: DISSY Ltd.

Organisation type: Private company

Number of researchers: 10

Working languages: Bulgarian, English

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