

Krovel

Barutanski jarak 114, 10000 Zagreb, CROATIA

**DEVELOPMENT, PRODUCTION , SERVICES,
MONITORING AND CONTROL SYSTEMS**

tel +385-1-6117-720

fax. +385-1-6170-681

e-mail: krovel@krovel.hr

WWW: www.krovel.hr

KROVEL d.o.o. is company for engineering in automation, telecommunication, informatics, electric and electronic, production and services. We are founded in 1993. with head office in Zagreb.

Our basic services and occupations are:

- Industrial automation and buildings management
- Planning, development, installation and commissioning of automation control systems, measuring systems, alarm and safety systems, datalogging, supervision and control systems
- Optimisation, upgrade and maintenance of production lines
- Systems Visualization (Human-Machine Interface HMI)
- Industrial Communications, Custom Communications
- Systems for Energy Efficiency, Measuring and Power Quality Analyze
- Technical documentation
- Training courses in PLC and SCADA (*Supervisory Control And Data Acquisition*) systems
- Consulting and workout
- Performing projects in Croatia and abroad

SIGNIFICANT REFERENCES

Alarm and Supervisory systems on Mega Yachts / Viareggio – Italy

- EL325 (guarda costiera)
- Fipa (Invendio)
- Falcon (Deepers)
- Beneti FB214 (Ambrosia)
- Benetti FB218 (Golden Bay)
- Benetti FB221 (Queen M)
- Benetti FB223 (Lionhart)
- Benetti FB224 (Amnesia)
- Benetti FB227 (Alexandra)
- Perini Navi PN2036 (Squall)
- Beneti FB221 – system retrofit, new SCADA system

Alarm and Supervisory systems on Drilling Rigs / Croatia and abroad

- **Crosco** - Zagreb-1 (Supervisory System for Anchoring)
- **Noble Drill** - Panon (SCADA system)
- **Crosco** - Labin (SCADA system)
- **Crosco** - N601 (SCADA system for supervisory of drilling parameters)

Power Energetics

- **Hydropower Plant Vinodol** (Automation of cooling pumps)
- **HRT**(Hrvatska Radio Televizija) - Prisavlje (SCADA for Power System)
- **ZABA** (Zagrebacka Banka) - Paromlinska (Low-Voltage Switchgear and SCADA for UPS system of computer center)
- **ZABA** - Jankomir (Low-Voltage Switchgear and SCADA for UPS and diesel aggregate power backup of computer center)
- **FER**(Faculty of Electrical Engineering and Computing) - Zagreb (reconstruction of cooling and heating system)
- **MEGATREND** - Zagreb(Low-Voltage Switchgear and SCADA for UPS and diesel aggregate power backup of computer center)
- **MHE Bastašica** - Bastasi(BIH) (automation of small hydropower plant – hotel Bastasi)

Industry

- **Sawmill(Finvest) – Drvar** (BIH) (automation of sawmill Quattro – commissioning and upgrade of automation system)
- **Sawmill(Finvest) – Drvar** (BIH) (automation of sorting line for wood logs – retrofit)
- **Luka –Rijeka** (Ship Loader for small grains – retrofit)
- **Oreburg – Russia** (conveyer automation for gas desulphurization)
- **Asphalt Station – Zvečaj** (product line automation)
- **AGROPROTEINKA** – Sesevski Kraljevec (automation of extermination line for animal offal)
- **AGROPROTEINKA** – Sesevski Kraljevec (automation of Biofilter system for extermination line)
- **Soko Mostar BiH** (Retrofit CNC milling machines Forest)
- **Prvomajska** (Retrofit CNC milling machines AG400)
- **Strojopromet** (Retrofit NC milling machines FQR400)
- **Iskra elektromehanika SLO** (Retrofit touring revolver machine HRA)
- **Unis Sarajevo BIH** (Retrofit touring revolver machine HK401)
- **Končar alati** (Retrofit CNC plasma/gas cutter)

Water Supplies and Water Treatment

- **Water Supplies Bjelovar - Delovi** (automation of water pump station)
- **Water Supplies Bjelovar - Javorovac** (automation of water deferization)

Measuring and Supervisory Systems

- **Zagrebacka Pivovara** (Measuring and Supervisory System of brewery)
- **Hrvatske Željeznice** (System for testing and fixing Railroad Switch machines)
- Multichannel System for measuring electrical parameters (P,Q,S,U,I)
- **FER** (Weather Station)
- **MG-Rijeka** (Supervisory Systems in Fire-Fighting Vehicles)
- **Viševica-Komp** (Supervisory System for impregnation of railroad wood sill)