opus
automazione

Industrial Automation
4.0 Solutions for automation and control

- Software development on PLC and DCS
- Supervisory systems
- Basic engineering and on detail engineering
- Data/manager acquisition software
- Custom control system planning

opus automazione designs, develops and puts into service automation systems, including complex systems. It implements automation systems to production lines and machines on PLC and DCS programming. opus designs electrical panels, functional to specific customer's needs, able to integrate with existing structures. It creates custom communication drivers for specific applications, developed on most used programming languages.
opus automazione supplies an integrate system for industrial and process automation, from electrical and instrumental planning to the supervisory system.
We have increased our know-how thanks to applications realized in various production sectors and that allows us to offer new and upgrading solutions. The automation helps companies to increase the production efficiency and to be competitive on technological fields. opus automazione can satisfies every request, from the simplest to the most complex one, thanks to its high-quality industrial components and its qualified and certified human resources.
The technical documents are written according to current regulations and to customer's requirements.

APPLICATIONS
- Control of plants for air and water treatment
- Maintenance management software, warehouse software, automatic parking
- Production process automation
- Remote control's systems
- Electrical instrumentation engineering projects
- Revamping
- Maintenance and data management of new or existing industrial plants
- Web applications for data management

DESIGN
Basic Engineering:
- General project specifications and calculation reports
- P&ID and Flow Sheet.
- Plan and Layout
On detail engineering:
- Electrical engineering drawing with electromechanical or PLC devices
- Loop Sheet and Loop diagram
- Wiring
- Primary or secondary hook-ups
- Specifications of construction, of detail, of purchase.

SOFTWARE DEVELOPMENT
PLC and CNC by the best brands
Data acquisitions systems by the best brands.
Programming according to IEC 1131-3:
- Ladder – Function Code – Instruction List – SFC – CFC – Standard ISO – PCS7
Supervisory Software:
- WinCC – Cimplicity – RSView – InTouch – Cube – Movicon – MonitorPro – IFIX –SCADA
  configuration on demand
- To equalize HMI, opus automazione develops an HMI system of management
  and control named InnView

Developments enviroments:
- LabWindows CVI – LabView – Labview Real Time – Microsoft Visual Studio .NET – Eclipse (JAVA).