



Okosis

Automation & Control Systems



- **Introduction Document**
- **Document Revision V1.09**



Company Profile

Okosis has been established at 2007 by two professionals has know how on automation systems and experience of 15 years on software & hardware of Automation & Control Sector. Okosis provides turn-key solutions and engineering services with highly experienced professional engineering team.

Okosis is the leader company with excellent references especially on Power Transmission & Distribution sector and Supervisory Control & Management Systems.

Okosis brings together the high proficiency and experience of more than 15 years on automation sector and dynamic engineering team to provide customer oriented solutions.

Some of the services that we provide is given below :

- ❑ SCADA (Supervisory Control & Data Acquisition) Solutions
- ❑ Automation & Control Systems
- ❑ Electricity Transmission & Distribution Systems
- ❑ Substation controlling & Protection, Substation Controllers, RTUs, Data Concentration
- ❑ Communication & Protocol Implementation, Protocol Conversion Systems
- ❑ Reporting / Analysing / Billing Systems, Simulation Systems

We provide customer oriented, user friendly and highly efficient solutions with well known Standard SCADA software of the market.



We provide high quality of engineering services to our valuable customer. Okosis quality of service is certified according to ISO 9001:2008 standard.

Besides, we provide resaerch and development projects on our sector to introduce user friendly and cost-effective solutions. We are glad to support our worldwide customers with our own software solutions.

Preventive maintenance and uninterrupted support to our customers keep our systems alive always. We provide preventive maintenance, training and support services to our customers.



Automation & Control Systems

Okosis provide turn-key solutions with experienced and dynamic team. Performed successfull Automation Projects Especially On **Power Transimission and Distribution Systems** sector and has a leader role in Turkey as well as Gulf Area UAE and Oman.

- ✓ Project Analysis, Planning and Design, Adaptation Works
- ✓ PLC & SCADA software & parameterisation, Project implementation,
- ✓ Testing & Commissioning, Witness Test & Acceptance Works
- ✓ Documentation & Reporting
- ✓ Preventive Maintenance Works, Fault Analysing & Solution Services

SCADA Solutions

Okosis povides solutions with Standart SCADA Systems :

- ✓ Project implementation with Standart SCADA Projecting & Application
- ✓ Customer oriented and cost effective solutions
- ✓ Effective solutions in short time with user friendly interfaces
- ✓ Wide communication and integration possibilities

Engineering Services

Our staff has very special know how and experience especially on Substation Automation & Control systems, Power Transmission & Distribution Systems, Monitoring & Control Systems:

- ✓ Project specific software implementation, cost effective and state of the art solutions,
- ✓ Power Transmission & Distribution Systems, Monitoring & Control Applications, LV, MV, HV Systems, Protection, Measuring, Power quality and automation applications,
- ✓ Application experience on several sectors as Refinery, Glass, Petrochemical, Chemical, Food,
- ✓ Integration to the existing network infrastructure

Software Implementation & Parameterization

- ✓ Customer oriented software solutions as ERP-MES integration, Reporting software, Analysis and data acquisition software and Hardware specific OPC Server software,
- ✓ Simulation software as Automation System Design, customer oriented software for commissioning phase and Industrial Plant Simulation software
- ✓ IEC 60870-5-101/103 protocol gateway system, OPC server software,
- ✓ Modbus RTU / TCP OPC server software,
- ✓ Protocol Gateway & OPC Server software for several standart interfaces

Communication & Protocol Implementation

Okosis provides standart protocol implementation & solutions :

- ✓ Industrial Ethernet, Profibus, Modbus etc. standart protocols,
- ✓ Telecontrol protocols as IEC 60870-5-101/102/103/104 and IEC 61850, IEC 61150, DNP

Simulation Software

- ✓ Spesific simulation sw. Energy Automation Simulation, Fluid simulation,
- ✓ The concept "Bring the plant to the office" before commissioning, Our Plant simulation software working integrated with PLC & SCADA systems, simulates plant behaviour, commissioning of SCADA & PLC software is easier in office environment.

Reporting – Analysis – Billing Software

- ✓ Communication possibilities with existing SCADA Systems through standart interfaces as ODBC, DDE, OPC, FTP, TCP/IP communications,
- ✓ Integration with standart databases as MS SQL/Sybase/Access MDB support

Hardware & Data Acquisition Systems

Okosis provides reliable and cost effective solutions for harsh Industrial conditions:

- ✓ Industrial communication & data acquisition solutions
- ✓ PC104 based protocol gateway systems, FPGA based systems
- ✓ Convenient for harsh industrial conditions, Flexible configuration & data points
- ✓ Open communication possibilities, Easy integration with Standart SCADA software

Training & Technical Support

- ✓ We provide tecnical support & preventive maintenane service for automation projects
- ✓ We provide training services