

Contel Automation & Control

Local Engineering Partner for Critical Process Industries

Contel Automation & Control is one of Israel's leading automation and process control engineering companies, delivering complete **electrical, automation, instrumentation and digitalization** solutions for mission-critical industrial facilities. With more than six decades of industrial experience, Contel operates as part of the Contel Group - approximately 330 professionals, including a large in-house team of automation, process control and instrumentation engineers, supported by the Group's own electrical panel manufacturing plant and nationwide 24/7 service organization.

60+ YEARS OF INDUSTRIAL EXPERIENCE	330 PROFESSIONALS ACROSS THE CONTEL GROUP	50+ CONTROL & AUTOMATION ENGINEERS	200+ CEMS SYSTEMS IN INDUSTRIAL OPERATION	IEC 61439 / UL 508A CERTIFIED IN-HOUSE PANEL MANUFACTURING
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◆ CORE CAPABILITIES

Industrial Automation & DCS

- Complete design and implementation of process control systems
- Process automation from FEED through commissioning
- PLC, DCS/DPCS, SCADA and HMI engineering
- Control narratives, functional design, software development
- FAT, SAT and site commissioning
- Long-term maintenance and 24/7 support

PLATFORMS Rockwell Automation PlantPAx · Siemens PCS 7 / PCS neo / WinCC · Yokogawa CENTUM · Honeywell Experion · Ignition (Premier Integrator) · additional leading industrial control platforms

Electrical & Control Panels

- Motor Control Centers (MCC)
- Process control panels
- PLC and DCS cabinets
- Remote I/O cabinets
- Marshalling panels
- Analyzer cabinets and shelters

IN-HOUSE PLANT Complete local design, production, wiring, routine testing and Factory Acceptance Testing at Contel's own panel facility, certified to IEC 61439 and UL 508A. Panels are delivered with full as-built documentation, routine test records and recommended spare-part lists.

Instrumentation & Process Integration

- Field instrumentation engineering and loop design
- Process analyzers and sampling systems
- Valve automation and actuation
- Safety instrumented systems and interlocks
- Industrial networking and fieldbus architecture
- Control room design and system integration

Continuous Emissions Monitoring (CEMS)

- Turnkey CEMS design, supply and installation
- Process and stack gas analyzers
- Environmental regulatory compliance
- Data acquisition and reporting systems
- Full integration with plant DCS
- Calibration, validation and maintenance

◆ EXPERIENCE IN PROCESS INDUSTRIES

Oil Refineries Petrochemicals Chemical Processing

Energy & Power Natural Gas Industrial Utilities

Defense Industries Pharmaceutical / GMP

Contel has delivered automation, electrical and control projects for complex process facilities operating under hazardous-area, high-availability and strict regulatory conditions, covering the full lifecycle from basic design through commissioning and long-term operational support.

- › **Bazan Group** - Haifa Refineries
- › **Ashdod Refinery**
- › **Chevron & INGL** - Ramat Hovav gas compression station, one of Israel's largest
- › **ICL** - chemical and mineral processing facilities
- › **Additional major industrial and defense facilities** throughout Israel

◆ WHY CONTEL FOR THIS PROJECT

- ◆ **Israeli engineering team** providing rapid, on-site local support
- ◆ **Local panel manufacturing** with short lead times and full traceability
- ◆ **Single-discipline interface** across electrical, I&C and automation
- ◆ **Proven execution** of mission-critical industrial automation projects
- ◆ **International standards** - IEC, UL, and EPC documentation practice
- ◆ **Long-term maintenance** and spare parts availability
- ◆ **Hazardous process expertise** in chemical, gas and refinery environments
- ◆ **Complete lifecycle support** from FEED to operation
- ◆ **Fast response** during commissioning and plant operation

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