



אוטומציה ובקרה בע"מ  
Automation & Control Ltd

## Contel Automation & Control LTD.

### Company Profile

Contel Automation and Control Ltd. was founded in Tel Aviv on January 1, 1964, under the name Contel Control and Instrumentation Engineering Ltd.

In keeping with its name, Contel executes projects and supplies systems and equipment in industrial automation, process control, building control, and HVACR control.

The company is headquartered in the Daniv Park, Kiryat Arye, Petah Tikva. A branch in the Omer industrial park provides technical and engineering support to industry and engineering companies in the south. The company currently has eighty employees, primarily engineers and practical engineers in the areas of electricity, electronics, systems analysis, software development, communications, process control, HVACR control, and quality control.

Contel is a privately owned company whose shares are held in equal part by Gideon Tilman and Shimon Gershon who also serve as joint CEOs.

Contel enjoys an excellent reputation among both clients and suppliers, thanks to its long-standing financial robustness and economic stability, backed by products and services of unrivaled reliability and quality in the marketplace. Contel uses the financial services of two major banks, Leumi Bank and Mizrahi Bank.

Contel Automation and Control Ltd. is also the parent company of four subsidiaries which, together with it, comprise the Contel Group:

- **Meitav-Tec Ltd.** – which manufactures, supplies and installs HVACR systems and controls.
- **Contel ITS Ltd.** – which provides software and integration solutions for managing production systems in industrial plants (Manufacturing Execution Systems or MES for short).
- **Hydrocom Control Ltd.** – which develops SCADA systems for managing Israel's water sector.
- **Conpack Industries Ltd.** – a manufacturing plant for industrial packaging.



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The Contel Group currently has 200 personnel in its employ.

Range of activities:

Contel's activities cover almost all the market's requirements for automation & control, and process control.

As a systems integrator, Contel offers clients comprehensive solutions including all the equipment and hardware that the systems require, along with the system analysis, software and implementation, electrical & control panels, engineering and installation, and naturally, training and services, all tailored to the client's specific requirements.

Much of the equipment employed comes from Contel's business partners, primarily multinational corporations and respected global leaders in their fields.

### ***Quality***

The products and services supplied by Contel are renowned for their outstanding professional and technical standard. All Contel's activities, including engineering, sales, production, installation, software, and services are executed in compliance with ISO 9001/2000 (in addition to compliance with quality economics and certified Class A approval from the IDF Procurement and Production Directorate – MANMAR).

Management's commitment to clients and employees is also reflected in the Company's ISO 14001 certification for Environment Management Systems and OHSAS 18001 certification for Occupational Health & Safety standards.

Contel employs experts in quality assurance and in the validation of the processes required in the regulated industries, food and drugs in particular.

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## Our Four Divisions

### **Industrial Automation Division**

Contel supplies a diverse range of products and services including items and systems such as programmable controllers and variable-speed drives, HMI systems, and communications equipment. Contel also executes turnkey projects, integration with other companies' equipment and systems, as well as engineering and logistics management. Its activities are based on advanced engineering know-how including definition of user needs, software development and implementation, manufacture of electrical and control panels, electrical and mechanical installation works, and commissioning in the field. Contel has longstanding experience and a proven track record in hundreds of production facilities extending across a wide variety of industries. Contel has teamed up with business partner Rockwell Automation recognized as one of the world leaders in this field. Other business partners include Kepware, ProSoft, GarrettCom etc., who provide software and communications solutions for automation systems.

### **HVAC & R Division**

Since its founding almost fifty years ago, Contel has been at the vanguard of control systems for air-conditioning, heating, and cooling installations (HVAC & R) in the Israeli market, both in terms of system size and in terms of product quality. Contel executes turnkey projects that include all the equipment required (control valves and actuators, damper actuators, and a comprehensive range of sensors for temperature, humidity, pressure, enthalpy, flow rate, presence, air quality, etc.). Contel is an Environmental Protection Ministry approved manufacturer and supplier of monitoring systems for carbon monoxide (CO) in underground parking. Contel also supplies sensors for detection of LPG, chlorine, and all types of explosive and toxic gases. Contel pioneered the supply and implementation of computerized building control systems in Israel based on programmable (DDC) controllers and control centers with advanced HMI systems for centralized management of whole facilities, with emphasis on maximized energy savings. In addition, for air conditioned buildings with large numbers of consumers, Contel has supplied energy meters equipped with special software for charging consumers according to their actual energy use. This has met with great success and enthusiasm. Contel also supplies humidifier systems, control systems for commercial and industrial cooling installations, as well as flow and pressure-regulating valves for the water systems of air-conditioned buildings.



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Contel's business partners in this field include world industry leaders such as Siemens, Carel, Erie, Oventrop, Barcol-Air, Ados, etc.

### Process Control Division

Contel supplies instrumentation equipment and systems for control of processes employed in the chemical and petrochemical industry in particular, but also in other industries such as power stations and energy plants, and in the food, pharmaceutical, semiconductor, paper, and cement industry, etc. Contel is also a prominent leader and supplier of equipment and advanced systems that analyze gas and liquids for industrial and environmental protection applications, furnished with the sampling panels and control panels that such applications require. Contel is also one of Israel's leading suppliers of industrial control valves for all kinds of industrial applications, providing first-rate engineering support for optimal selection and implementation. Contel's main business partners in the process control arena include ABB-Analytical, Ados, Compur, RaCo, RBR, LAR, and Dresser Masoneilan, etc.

### Information Solutions Division

Contel provides state-of-the-art information solutions for manufacturing and enterprise. The Company provides Manufacturing Execution Systems (MES) and Water Management solution. **MES- Contel I.T.S** specializes in the delivery of Manufacturing Execution Systems (MES) for the Israeli industry, and is active in the Israeli, European and the U.S. markets. The company is an expert and is experienced in installing MES systems for the use of customers operating in regulated environments, such as: food, pharmaceutical, beverage and more. **Water Management - Hydrocom Control** specializes in turnkey water management solutions for water supply networks worldwide. The company develops, markets and deploys a range of products, including state-of-the-art Supervisory Control and Data Acquisition (SCADA) systems, Remote Terminal Units (RTUs), and advanced optimization tools for enhancing water network operation.

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### ***Extensive customer base***

Contel executes projects for customers throughout the world, in addition to its local customer base spanning all sectors of the Israeli economy.

The company supplies process control and automation projects, systems, and equipment for most types of industry: chemical and petrochemical, pharmaceutical, plastics, rubber and tires, metal, cement, minerals, as well as hi-tech, microelectronics, food, pulp and paper, energy and electricity, sewage, water desalination and water treatment, etc.

Control systems and equipment for air-conditioning and building control are supplied to clients such as medical centers, schools, sports facilities, universities, malls, office blocks, telephone exchanges, the courts, computer centers, research institutes, laboratories, industrial plants, etc.

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