



COMPANY PROFILE

Control Systems Solutions

71 | **ENGINEERING**
SYSTEMS TECHNOLOGY
SEVENTY ONE

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Company Overview:

About us:

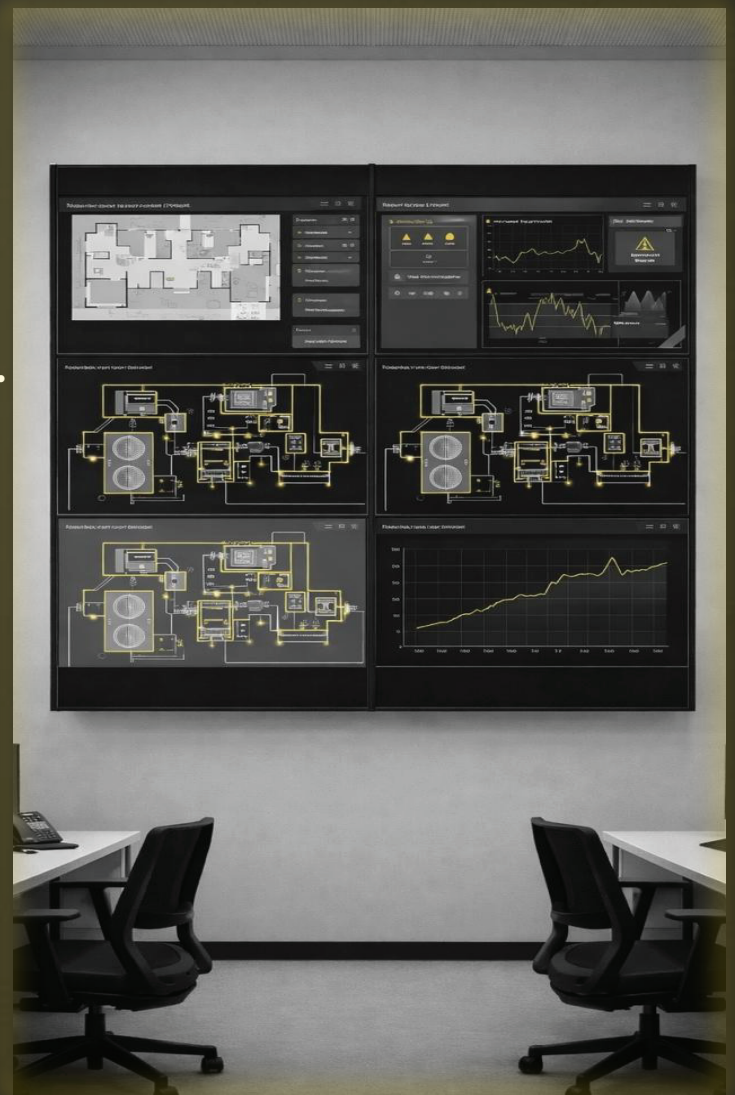
Seventyone Engineering Systems Technology specializes in Building Management Systems (BMS) and smart building automation solutions for commercial and industrial facilities. We deliver end-to-end services from system design and integration to commissioning and ongoing technical support. Our solutions enable centralized monitoring and control of building systems to improve operational efficiency, reduce energy consumption, and enhance occupant comfort.

Our Mission:

To provide reliable and scalable building automation solutions that optimize building performance, improve energy efficiency, and support sustainable operations.

Our Vision:

To be a trusted partner in delivering intelligent, energy-efficient buildings through innovation, quality execution, and long-term client support.



Why Seventyone:

- End-to-end delivery: Design | Integration | Commissioning | Support
- Quality-driven execution with strong attention to detail
- Responsive after-sales support and long-term reliability.

Our values:

- Integrity
- Quality
- Innovation
- Safety
- Customer Commitment

Service Promise:

- Reliability First: Stable systems, clean programming, and structured testing
- Fast Response: Remote troubleshooting and on-site support when needed
- Future-Proof: Scalable architecture for expansions and upgrades
- Security-Minded: Access levels, backups, and safe system changes
- Long-Term Partnership: Preventive maintenance and continuous optimization



Services & Capabilities:

Automation Systems:

- Building Management System (BMS) – monitoring, control & optimization
- GRMS (Guest Room Management System) – room control, energy saving & occupancy-based automation
- KNX Home Automation – lighting, HVAC control, shutters, scenes & scheduling
- VAV & CAV Control Solutions – airflow control, comfort tuning & energy efficiency

Electrical Control Panels:

- MCC Panels – supply, installation, wiring, testing & commissioning
- VFD Panels – selection/supply, installation, wiring, setup & commissioning

Field Devices & Interfaces:

- Field Devices – sensors, actuators, valves & control accessories
- Thermostats – room controllers and temperature management
- HMI Touchscreens – operator interfaces for monitoring & control

End-to-End Delivery:

- Design & Engineering
- Supply & Installation
- Testing & Commissioning
- Maintenance & Support



2025 Project Highlights (Selected References):

Project 01: Royal Jordanian (Water System Automation)

Type: Aviation Facility / Water System

Scope: MCC Panels • DDC Panels • BMS for Water System

Delivered:

- * Supply & installation of MCC panels for water pumps
- * Supply & installation of DDC panels for the water system
- * Implementation of a BMS for water system using Distech

Key Devices Supplied:

- * Static Pressure Transmitter – Axio
- * Ultrasonic Level Sensor – Lefoo

Project 02: Dimitri Coffee Factory

Type: Industrial / Manufacturing

Scope: Full BMS Monitoring & Control

Delivered:

- * Supply & installation of a complete BMS system using Distech
- * Full monitoring and control of the facility systems (end-to-end)

Key Devices Supplied:

- * Room Temperature Sensors – Sense
- * Water Temperature Sensors – Sense

Project 03: Istishari Hospital (Operating Rooms)

Type: Healthcare / Operating Theatres

Scope: BMS for Pressure Differential Monitoring

Delivered:

- * Supply & installation of BMS system using Distech for operating rooms
- * Monitoring of pressure differential to maintain required room conditions

Key Devices Supplied:

- * Differential Pressure Sensors – Sense

Project 04: Private Villa (Abdoun & Dabouq Amman)-Home Automation

Type: Residential / Heating & Domestic Hot Water Control

Scope: Monitoring & control for heating system and hot water production

Delivered:

- * Supply & installation of a control and monitoring system for heating and domestic hot water
- * Smart source selection for water heating: Solar → Electric → Boiler (backup sequence)
- * Winter mode logic: when the boiler is running, the system operates using Boiler + Solar (electric backup excluded)

Key Devices Supplied:

- * Temperature Sensors – Sense
- * Controller & HMI Touchscreen – Distech

Operator Control:

- * Central touchscreen control for enabling heating per floor and setting required temperature setpoints for heating and hot water

Project 05: Rabou' Al-Khair Food Industries Factory

Type: Industrial / Food Production

Scope: Full BMS Monitoring & Control + Refrigeration Monitoring

Delivered:

- * Supply & installation of a complete BMS system using Distech for full building monitoring and control
- * Monitoring of refrigeration cold rooms to ensure stable temperature and operating conditions

Key Devices Supplied:

- * Temperature & Humidity Sensors – Sense

Project 06: Engineering for a Better World-(Cold Rooms Monitoring)

Type: Industrial / Refrigeration Monitoring

Scope: Cold Rooms Monitoring System

Delivered:

- * Supply & installation of a complete monitoring system for refrigeration cold rooms (temperature monitoring and supervision)

Key Devices Supplied:

- * Temperature Sensors – Sense



Visibility, control, and confidence—24/7.

Our Clients:

Public Sector

- Jordan Gendarmerie Command
- Public Security Directorate
- Princess Basma Palace
- Jordan Ministry of Health
- Social Security Corporation
- Queen Alia International Airport
- Royal Scientific Society
- Prince Hussein Bin Abdullah II Civil Defense Academy
- Iraqi Ministry of Oil
- Royal Jordanian Airlines

Healthcare

- Istishari Hospital
- Al-Maqased Charity Hospital
- Al-Nadeem Governmental Hospital
- New Al-Hussein Salt Hospital
- Al-Mawasah Hospital
- Asmaa Laboratories

Hospitality & Real Estate

- Ayla Oasis
- MENA Tyche Hotel
- Ream Hotel
- Torino Hotel
- Damac Tower Amman

Industry & Utilities

- Rabou' Al-Khair Food Industries Factory
- Dimitri Coffee Factory
- Halloumi Food Industries Factory
- United Pharmaceutical Industries
- Siniora
- Elwaha Foodstuff Co.
- Kasih Foods
- Al Salam Mills
- Jordan Phosphate Mines Company
- UGC Paints
- Al-Baha Company for Chlorine & Soda
- GreenOcean
- CHEMVET for Veterinary Pharmaceuticals & Insecticides
- Sunray Solutions
- Central Gas Company
- Suleiman Bin Muhailib Holding Co.
- Al-Najjar & Al-Rawas Co.
- Al-Awsat Contracting
- Richmond Contracting Company
- OSCAR Contracting
- Rabou' Al-Jordan Building Materials Establishment
- Engineering for a Better World
- Talabat
- NeroTech Control Systems
- Al-Asriyyah Schools

**Long-term partnerships built on
quality, reliability, and support.**

Authorized Partner – Jordan • Saudi Arabia • Syria

About Distech Controls:

Distech Controls delivers open, IP based building automation solutions designed for reliable HVAC control, flexible integration, and long-term scalability across building applications.

Why Distech:

- * **Open & IT-ready:** Built on BACnet/IP and IT standards for easier integration with modern networks and BMS platforms.
- * **Certified BACnet solutions:** Controllers and terminal unit solutions are designed for BACnet networks, including BTL-listed BACnet application specific control for VAV.
- * **Strong room ecosystem:** Allure room devices support smart room control with modular add-ons (e.g., lighting/shading modules) and advanced multi sensor options depending on model.
- * **Scalable controller families:** ECLYPSE controllers support BACnet/IP and are designed for a wide range of HVAC unit control applications.
- * **GMP / 21 CFR Part 11 (Manufacturer Documentation):** Distech provides official documentation confirming that EC-Net 4 E-Signature features and controls are aligned with 21 CFR Part 11 requirements (available upon request).

Our Role:

As an authorized Distech partner, we provide supply, engineering support, installation supervision, commissioning and after sales support across Jordan, Saudi Arabia and Syria.

Featured Product Lines:

1) ECLYPSE Controllers (BACnet/IP)

Use for: AHU, FCU, RTU, heat pump plant & HVAC applications (varies by model).

Highlights: IP connectivity open integration using BACnet/IP and IT standards.



2) ECB Series (BACnet MS/TP)

Use for: Terminal and HVAC equipment control (VAV/FCU/etc. depending on model).

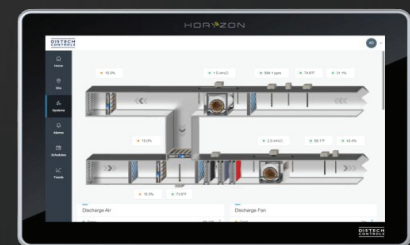
Highlights: ECB-VAV is designed for VAV boxes and communicates using BACnet MS/TP, with BTL listing referenced in its documentation.



3) Allure Room Devices

Use for: Room sensing & occupant interface (temperature + optional humidity/CO₂/motion depending on model).

Highlights: Smart room device options with expandable modules for lighting/shading control (Smart-Comfort series).



Field Devices & Sensors:

Preferred / Most Requested Brands:

Sense • Lefoo • Axio

Other brands are available based project requirements.

Environmental Sensors:

- * Room & Duct Temperature / Humidity Sensors**
- * Differential Pressure Sensors**
- * Air Velocity Sensors**
- * Air Quality Sensors (IAQ)**
- * CO / CO₂ Sensors**
- * Gas Leak Detectors**
- * Water Leak Detectors**



Level & Water Monitoring:

- * Ultrasonic Level Switch / Sensor
- * Float Switch

Smart Metering:

- * Energy Meters
- * Power Meters
- * Flow Meters

Interfaces & Room Control:

- * Thermostats – room control and setpoint adjustment
- * HMI Touchscreens – visualization and operator control panels

Customization & Calibration:

Sensors can be customized to match project work requirements and specifications, and are supplied with factory calibration to ensure reliable measurements.



Home Automation (KNX):

We deliver KNX-based home automation solutions that enhance comfort, control, and energy efficiency across residential and commercial projects. Our systems enable smart management of lighting, shading, HVAC, sensors, and custom scenes (e.g., Night, Away, Guest) through wall panels and mobile control.

We work with GVS, a smart building manufacturer established in 1999-and offers a wide KNX product portfolio including touch panels, actuators, sensors, dimmers, and gateways supporting reliable integration and smooth system expansion over time. From design and device selection to programming and commissioning, we deliver tailored solutions with a seamless user experience.

Design & Integration:

Our approach starts with understanding the space and user lifestyle, then translating that into a clear automation logic and control experience. We design the KNX topology, select the right devices, and build a structured solution that keeps the system stable, cleanly wired, and easy to maintain whether it's a villa, apartment, office, or multi-zone facility.

User Experience & Scenes:

We focus on creating intuitive daily scenarios that make automation feel natural. One-touch scenes can set multiple actions at once adjusting lights, temperature, and shading in sync while smart triggers can respond automatically to occupancy, daylight levels, or time schedules. The result is a system that simplifies routines and delivers consistent comfort.

Scalability & Future Expansion:

KNX automation is built for long-term flexibility. The system can be expanded over time by adding zones, devices, or new functionalities without needing a complete replacement. This makes it an ideal choice for clients who want a professional infrastructure that evolves with their needs and protects the value of their investment.

Commissioning, Testing & Handover:

We provide full programming and commissioning, followed by functional testing and fine tuning on site. At handover, we deliver a clear user orientation and documentation to ensure confident operation. When needed, we also support updates and adjustments after project completion to keep the system aligned with changing usage patterns.

