



COMPANY PROFILE · 2026 EDITION

Aero Connect for Information Technology

Network & Low Current Infrastructure · Platforms, Systems & Development Apps

A specialist company operating in the Kingdom, delivering integrated technology solutions that keep buildings, campuses, and cities connected, secure, and efficient. We design, supply, install, and maintain the systems that carry data, voice, video, and control signals across every facility we serve — and we develop, build, and operate the enterprise platforms, systems, and Development Apps that run on top of them.

14+

Years of Cumulative Engineering
Experience in the Kingdom's
Market

8+

Core Industries & Strategic Sectors
Thoroughly Served

100%

Handover Rate backed by
International Standard Compliance
Testing

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Corporate Overview & Background

Aero Connect was established in the Kingdom of Saudi Arabia as a leading engineering entity built upon more than 14 years of robust technical experience in the Kingdom's market. The company is driven by our veteran consulting and executive technical team that has supervised the design, deployment, and management of core IT network infrastructures, security systems, and cyber-physical setups for the most critical sovereign, governmental, and industrial projects across the Kingdom. Alongside our field engineering divisions, our team includes dedicated software and platform development engineers who build, integrate, modernize, and operate enterprise systems, digital platforms, and Development Apps for national-scale entities.

Our engineers and project teams combine structured cabling and IT networking expertise with deep experience in security and building technology, giving clients a single, accountable partner for the full infrastructure backbone of their projects—from the first design drawing to long-term maintenance — backed by an in-house software engineering team that develops platforms, systems, and Development Apps end to end.

Strategic Directives

Our Vision

To be the Kingdom's premier trusted technical and engineering partner for digital transformation, recognized for engineering quality, innovation, long-term reliability, and the protection of critical infrastructure under Saudi Vision 2030.

Our Mission

To build reliable, future-ready low current and network infrastructure — together with the digital platforms, systems, and Development Apps that run on it — that keeps our clients' operations connected, protected, and efficient every single day, achieving international standards and precise engineering compliance.

Our Core Values

Technical excellence, absolute integrity, rapid responsiveness, and a genuine commitment to every client relationship—from the initial design phase through to after-sales and lifecycle support.

Why Choose Us?

Six reasons clients hand us the full infrastructure backbone.

01

Integrated Expertise

One unified team covering structured cabling, networking, security, and low current systems—effectively eliminating coordination gaps between various contractors.

02

Vendor-Neutral Design

Solutions engineered specifically around the client's actual operational needs and budget parameters, never tied to a single manufacturer.

03

Full Project Lifecycle

Design, supply, installation, integration, commissioning, and maintenance are handled under a single, clear point of accountability.

04

Standards-Based Installation

Structured cabling and network systems are installed strictly to recognized international performance and longevity standards.

05

Responsive On-Ground Support

Our own team provides rapid field deployment across the Kingdom and fast response for installation, troubleshooting, and after-sales service.

06

Scalable Solutions

Future-ready infrastructure designed to grow symmetrically with the client, spanning from single building fit-outs to massive multi-site rollouts.

Services, Solutions & Technologies

Five engineering pillars delivered under one lifecycle strategy and one point of accountability.

Design



Supply



Install



Maintain

01 ICT & Network Infrastructure

- Structured Cabling (Copper & Fiber Optic): Advanced deployment of Cat6A and Cat7 cabling systems supporting speeds up to 10Gbps, alongside OM4/OM5 fiber optic backbones ready for high-density environments.
- Enterprise Wi-Fi & Wireless Networks: Implementation of the latest high-density wireless technologies (Enterprise Wi-Fi 6/6E — 802.11ax), covering outdoor spaces, expansive corporate campuses, hotspots, and specialized guest networks, backed by detailed Wi-Fi site surveys and planning.
- LAN/WAN Infrastructure Design & Implementation: Full physical and logical network architecture planning, deployment, routing, switching, and SD-WAN integrations.
- Data Center & Server Room Fit-Out: Complete turnkey design, structural setups, server rack infrastructure installations, cabinet mounting, optimal cable management, precision cooling, and UPS backup power planning.
- IP Telephony & Unified Communications: Advanced enterprise VoIP systems, integrated communication networks, and state-of-the-art video conferencing setups.
- Public Address & Intercom Systems: Building-wide audio distribution systems and campus intercom setups.
- Network Racks, Cabinets, & Cable Management: Organized asset mapping inside telecom closets.

02 Low Current Systems Integration (ELV)

- CCTV & Intelligent Video Surveillance: High-definition, smart camera networks linked with storage area networks for ongoing property tracking.
- Access Control Systems: Card-based, biometric, and face-recognition door management and perimeter lock systems.
- Fire Alarm & Detection Systems: Life safety integrations providing immediate alert protocols.
- Building Management Systems (BMS): Integrated automation architecture linking lighting, HVAC, and power sub-panels into centralized monitoring nodes.
- Nurse Call Systems: Medical-grade communication platforms for patient-care environments.
- Parking Management Systems & Gate Barriers: Automated vehicle logging, barrier mechanisms, and smart traffic control structures.
- Smart Poles & Home Automation: Next-generation municipal and residential control systems.

03 Network Security & Data Center Infrastructure

- Enterprise Firewall & UTM: Configuration and optimization of next-generation firewalls (NGFW) and Unified Threat Management at all network entry points.
- Network Access Control (NAC): Enforcement of 802.1X authentication protocols and rigorous endpoint compliance parameters for wired/wireless networks.
- Network Monitoring & NOC: Round-the-clock (24/7) network health monitoring via SNMP management platforms, providing incident alerts and performance reports.
- Disaster Recovery & Business Continuity: Redundant infrastructure blueprints, failover configurations, and automated backup paths.

04 Advanced Testing, Auditing & Compliance

- Network Fluke Testing, OTDR, & OLTS: Field certification using specialized industry hardware for both copper networks (Cat6A) and long-range Fiber Optic lines.
- Compliance Handover Certification: Issuance of official, data-verified international compliance documentation required for final client project acceptance.

05 Systems, Platforms & Development Apps

- Dedicated Development Engineering Team: In-house development engineers who design, build, and continuously evolve the systems and platforms that run our clients' operations.
- Enterprise Platform Development: Design and build of corporate and government platforms—portals, dashboards, and operational systems—tailored to each entity's workflows.
- Development Apps & Enhancement: Development of new applications and continuous improvement of existing systems to meet evolving operational requirements.
- Platform Operations & Administration: Ongoing management, administration, and support of delivered platforms within client projects, ensuring availability and continuity.
- Systems Integration: Connecting platforms and applications with existing network, security, and data center infrastructure for a unified digital environment.

Sectors We Serve

Eight core industries, each engineered to its own uptime, safety, and compliance profile.

01

Government

Smart government buildings, highly secure networks, and complex national infrastructure setups.

02

Banking & Finance

High-availability data paths, specialized security architectures, and strict compliance-ready financial infrastructure.

03

Healthcare

Nurse call systems, reliable patient monitoring networks, smart hospital CCTV, and integrated BMS structures.

04

Education

Expansive campus-wide Wi-Fi networks, smart classroom systems, campus security setups, and structured fiber backbones.

05

Hospitality

Dynamic guest Wi-Fi networks, interactive IPTV systems, access control, and comprehensive building management frameworks.

06

Telecommunications

Core public network infrastructure, heavy-duty fiber optics, and carrier-grade equipment deployments.

07

Commercial Real Estate

Comprehensive building-wide ICT frameworks, ELV system stacks, and automated smart property integrations.

08

Oil & Gas

Explosion-proof and hazardous area ELV system installations, SCADA network integrations, and ruggedized cabling pathways.

Master Project Portfolio

Executed scopes across the Kingdom, 2012–2026.

Sovereign, Military & Public Security

Technical scope & field tasks: Full engineering fit-out of central telecom rooms, structured routing of vital network nodes, and on-site hardware programming. Structural installation of server racks connected to core backbone areas. Implementation of fiber splicing alongside comprehensive Fluke testing certifications. Delivery of advanced multi-screen wall video systems for operations centers and automated CCTV hubs.

PROJECT	LOCATION	PERIOD
Kingdom's Airbases	Taif, Dhahran, Tabuk, Khamis Mushait, Jeddah, Al-Kharj	2014 – 2022
Public Security Directorate	Tabuk, Madinah	2020 – 2021
National Information Center — NIC	Riyadh	2023
Royal Protocol Project	Jeddah	2021
Holy Sites & Hajj Surveillance Systems	Makkah	2019
General Directorate of Civil Defense	Makkah	2025

Energy, Water & Industrial Zones (OT/ICS Cybersecurity)

Technical scope & field tasks: High-level strategic projects involving detailed on-site surveys, power resource mapping, secure cabinet installations, and electrical setup configurations. Deployment and logic programming of industrial Siemens switches, advanced Fortinet Next-Generation Firewalls (NGFW), and specialized Nozomi Networks monitoring servers, leading to official project handover. Implementation of smart corporate time and attendance management systems. Advanced fiber optic network auditing using Fluke testing for MODON's second industrial city.

PROJECT	LOCATION	PERIOD
Saudi Electricity Company — National NGFW Rollout	All stations across the Kingdom	2020 – 2025
Saudi Water Authority	All regional branches & plants	2025
Saudi Aramco	Jazan Industrial City — Baish	2016
Saudi Authority for Industrial Cities and Technology Zones 'MODON'	Al-Jubail, Dammam, Turaif, Qassim	2026

Ports, Airports & Logistics Hubs

Technical scope & field tasks: Complete technical leadership and field execution of mega-scale telecommunications network paths for the new international airport terminal. Modernization of enterprise-grade network systems, control room revamps, and terminal-wide port connectivity mapping. Development of structured IT pathways for expansive logistics complexes, verified through certified Fluke auditing equipment.

PROJECT	LOCATION	PERIOD
New King Abdulaziz International Airport	Jeddah	2014 – 2017
Jeddah Islamic Port	Jeddah	2012
Port of Dammam Warehouses	Dammam	2016
Al-Khomrah & Al-Qadhima Seaports	Jeddah	2015

Financial Districts, Ministries & Higher Education

Technical scope & field tasks: Complete engineering foundation and build-out of telecom network lines for commercial towers and large administrative offices. Sizable network overhauls including advanced IP telephony systems, access control structures, smart CCTV, and specialized programming of control room environments. Deployment across multiple education complexes and academic hospitals, including structured data cabling, fiber splicing, switch configuration, and comprehensive Fluke network audits.

PROJECT	LOCATION	PERIOD
King Abdullah Financial District — KAFD (Towers 405, 407, 408, 409, 410, 412)	Riyadh	2013 – 2015
Government Ministries Complex	Taif	—
Elm Company Corporate Offices	Olaya View, Riyadh	2014
Public & Specialized Universities (King Abdulaziz University & University Hospital, Majmaah, Rabigh, Al-Faisaliah Girls University, College of Veterinary Medicine at Al-Delam, Asfan, Khulais, Al-Kamil campuses, National Guard College)	Kingdom-wide	—
Academies & School Chains (Saudi Arabian Airlines Academy new & old buildings, Thuwal Schools, Al-Faisaliah School)	Jeddah & Thuwal	2013

Healthcare & Major Commercial Developments

Technical scope & field tasks: Supply and structural installation of custom architectural LED screens adapted to corridors and medical pathways to provide advanced digital visual guidance. Comprehensive network auditing and infrastructure testing using Fluke systems for the Saudi Health Council. Base network builds and cable mapping across multi-level structural setups at Jabal Omar and the Holy Haram expansion. Linking server setups directly to core centralized data center loggers.

PROJECT	LOCATION	PERIOD
Dr. Sulaiman Al Habib Hospitals	Riyadh — Takhassusi St. & Jeddah branches	2025
Saudi Health Council Headquarters	Diplomatic Quarter, Riyadh	2026
Jabal Omar & Holy Haram Expansion Projects	Al-Shamiya Area — Makkah	—
NTTC Complex & Tech Development Tech Hubs	Kingdom-wide	2014 – 2021

Digital Platforms & Development Apps

Technical scope & field tasks: Development, enhancement, and operation of enterprise platforms and applications by our in-house development engineering team. Multi-year engagements covering platform builds, continuous system development, application modernization, and full platform administration within live client environments.

PROJECT	LOCATION	PERIOD
Saudi Water Authority — Platforms Development	Kingdom-wide	2020 – 2026
Education Authority — Platforms	Riyadh	2022 & 2025
Public Investment Fund — Platforms	Riyadh	2025 – 2026
Ministry of Finance — Development Apps	Riyadh	2026

Technology Alliances & Brand Ecosystem

Vendor-neutral by design, certified across the platforms our clients depend on.

Networking & Wireless

- Cisco Systems
- HPE Aruba
- Huawei
- Juniper Networks
- Fortinet

Security & Video Surveillance

- Hikvision
- Dahua
- Axis Communications
- Bosch Security
- Genetec

Cabling & Infrastructure Components

- Panduit
- Legrand
- CommScope
- Schneider Electric
- Leviton

Authorized Distribution Alliances

- Westcon Comstor
- Ingram Micro
- Tech Data
- Logicom
- Mindware



Contact Us

Tell us about the facility, the scope, and the timeline. An engineer will respond directly.

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