

Abdullah Esmat Mohammed

ICT & Low Current Engineer

Riyadh, Saudi Arabia

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Professional Summary

Certified ICT & Low Current (ELV) Engineer | Infrastructure Specialist

I am a specialized ICT and ELV Engineer with a proven track record of delivering full-lifecycle critical infrastructure for Saudi Arabia's most iconic landmarks, including the Grand Mosque, the Prophet's Mosque, and premier Ministry of Sport venues. I bridge the gap between complex engineering design and field execution, ensuring that large-scale projects meet rigorous national and international standards.

Core Value Proposition

- **ICT Infrastructure:** Expert in high-density structured cabling, enterprise networking, and data center environments, supported by proficiency in Microsoft 365, Azure (AZ-900), and SolarWinds.
- **ELV Systems Integration:** Extensive experience in deploying complex IP-CCTV, Access Control (ACS), Fire Alarm (FAS), and Public Address (PA/GA) systems to ensure seamless building intelligence.
- **Operational Excellence:** Dedicated to optimizing system performance and minimizing downtime through proactive monitoring and technical compliance (Shop Drawings/As-Builts).

Vision: Committed to advancing the digital and physical security landscape of the Kingdom's premier landmarks, ensuring every project aligns with the technological excellence demanded by Saudi Vision 2030.

Education

University of Gezira – Sudan

BSc (Hons) in Computer Engineering, 2018

Technical Skills

Low Current & ELV Systems

- Design, installation, configuration, maintenance testing, and commissioning of **CCTV, Access Control, Fire Alarm, PA, Nurse Call, IP Clock, GRMS**
- System integration and end-to-end commissioning for ICT & ELV systems

Networking & ICT

- Network design, configuration, and troubleshooting
- **Structured cabling:** outlets, patch panels, labeling, testing, and certification
- **VoIP systems** configuration

Engineering Tools & Documentation

- **AutoCAD:** shop drawings, SLD review, and design modifications
- Testing, as-built documentation, O&M manuals, and final handover

Project Management Skills

- Cost estimation, quantity surveying, and material submittals
- Project scheduling, budgeting, and quality control
- Coordination with consultants, subcontractors, and suppliers
- Preparation of progress reports and technical submissions
- Subcontractor and supplier payment processing
- Final inspection, testing, documentation, and handover

IT & Support Skills

- Installation and troubleshooting of computers, printers, and peripherals
- On-site and remote technical support
- **Microsoft 365** administration (Outlook, Teams, SharePoint)
- **Microsoft Azure Administrator (AZ-104)**

Soft Skills

- Teamwork and leadership
- Time management and multitasking
- Strong analytical and problem-solving abilities
- Clear technical documentation and reporting

Courses & Certifications

- **CCNA** Routing & Switching
- CCTV & Access Control Systems
- Microsoft **MCSA**
- Microsoft Azure Administrator (**AZ-104**)
- Autodesk **AutoCAD**
- **ISO 9001:2015 Lead Auditor**
- Low Current Systems Design

Professional Experience

ProFast Company

Site Engineer– Al Sulay Center *Riyadh*, | *JAN 2025 - PRESENT*

Managed the end-to-end technical execution of ICT and ELV systems for the Al Sulay Center, ensuring high-performance connectivity and security for one of the region's key logistical hubs.

- **Engineering & Compliance:** Reviewed complex project specifications and brochures; prepared detailed material submittals and secured consultant approvals technical alignment.
- **Design Coordination:** Prepared and submitted technical shop drawings and As-Builts, maintaining a continuous feedback loop with consultants to resolve design-to-field discrepancies.
- **ICT Infrastructure:** Directed the installation of high-density cabling and the deployment of Network Switches and Wireless Access Points (WAPs) to provide seamless coverage across the facility.

- **ELV Systems Integration:** Led the execution, testing, and commissioning of IP-CCTV, Access Control (ACS), and VoIP systems, enhancing site-wide physical security.
- **Life Safety Systems:** Supervised the successful integration and commissioning of Fire Alarm, Public Address (PA), and Nurse Call systems, ensuring full compliance with safety codes.
- **Problem Solving & Reliability:** Diagnosed and resolved critical network and ELV system faults during the execution phase to guarantee operational uptime.
- **Project Governance:** Managed subcontractor deliverables and supplier payment schedules; conducted final testing and prepared comprehensive technical documentation for successful project handover.

BASHAER AL-BENAA Contracting Company

Site Engineer

Riyadh, Saudi Arabia | **Jan 2023 – Dec 2025**

- Reviewed project specifications and brochures; prepared material submittals and obtained consultant approvals.
- Prepared and submitted technical and shop drawings; coordinated with consultants throughout all project stages.
- Supervised installation and execution of **Low Current and ICT systems**, including cabling, devices, testing, and commissioning.
- Execution network switches and wireless access points
- Execution **VoIP systems, CCTV, and Access Control systems**
- Installed, tested, and commissioned **Fire Alarm, PA, and Nurse Call systems.**
- Diagnosed and resolved network, IT, and ELV system issues to ensure operational reliability.
- Managed subcontractor and supplier payments.
- Conducted final testing, prepared technical documentation, and completed project handover in compliance with client and consultant requirements.

Security Fortification of Security Systems

Site Engineer

Makkah, Saudi Arabia | **Oct 2022 – Jan 2023**

- Supervised supply, installation, and maintenance of **CCTV, Access Control, Fire Alarm, and PA systems.**
- Configured network switches and wireless access points.
- Installed and commissioned ELV systems for commercial, residential, and institutional projects.
- Diagnosed and resolved system faults, ensuring compliance with standards.
- Monitored project progress and prepared technical status reports.
- Conducted final testing and client handover.

Projects Experience

- AL SULAY CENTER SPORT - Riyadh
- Saudi Tourism Authority (STA) – Riyadh
- Al Salam Endowment Hospital – Madinah
- PMBAH, Ministry of National Guard Health – Madinah
- Saudi Falcons Club – Riyadh
- Children’s Hospitality Center – Makkah
- Custodian of the Two Holy Mosques Interpretation Project – Madinah

Systems Designed & Executed

- Data Outlets & IP Telephone Systems
- CCTV & Access Control Systems
- Fire Alarm Systems & IP Clock Systems
- Public Address Systems
- Nurse Call Systems
- GRMS
- IPTV

Memberships

- **Saudi Council of Engineers** – Engineer ID: 954671
- **Sudan Engineering Council**
- Alumni Committee Member – University of Gezira

Languages

- Arabic: Native
- English: Very good (written & conversational)

Personal Details

- Nationality: Sudanese
- Marital Status: Married
- Iqama: Valid & transferable
- Driving License: Valid