

Contact

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Top Skills

Project Management
Telecommunications
Information Security Management

Languages

Arabic (Native or Bilingual)
English (Native or Bilingual)

Certifications

Organizational Thought Leadership
Scrum: Advanced
Creating Flowcharts for Beginners
Essential New Skills in Project Management
ISO/IEC 42001:2023: Understanding and Implementing the Artificial Intelligence Management System (AIMS) Standard

Mostafa Said

Manager Telecommunication & Cybersecurity @ DEWA | Electrical Engineering
United Arab Emirates

Summary

Telecom and OT cybersecurity leader with 29 years running mission-critical utility networks, the last 15 at DEWA. I lead telecom and cybersecurity maintenance & commissioning for Dubai's grid: SDH/PDH, MPLS IP, the fibre/OPGW backbone, and substation security. I've managed DEWA's fibre network and led its expansion planning, and I've delivered OPGW and underground fibre projects on time and on budget. I also built the telecom foundation for DEWA's smart grid, covering AMI and Distribution Automation. As a member of DEWA's technical specification teams, I help decide which technologies the utility adopts.

Experience

Dubai Electricity & Water Authority - DEWA

15 years 2 months

Deputy Senior Manager, Telecom & OT Security

September 2024 - Present (2 years 2 months)

Dubai, United Arab Emirates

- Lead commissioning and maintenance of DEWA's grid telecom network (SDH/PDH, MPLS IP) and the fibre backbone serving Dubai's substations
- Own cybersecurity commissioning and maintenance for substation OT assets, including firewalls and security solutions across hundreds of substations
- Direct reliability-centred maintenance (RCM) plans for telecom, fibre and OT security infrastructure, sustaining 99.99% network availability
- Shape procurement as a member of DEWA's technical specification teams for telecom and cybersecurity systems
- Replaced 100+ km of OPGW with higher capacity fibre cable, and set the capacity planning criteria and migration plan for the network
- Leading the build of a digital twin for DEWA's fibre optic network, giving real-time visibility for monitoring, fault localization and operational planning

Manager, Telecom Infrastructure & Smart Grid

October 2019 - September 2024 (5 years)

Dubai, Dubai, United Arab Emirates

- Delivered the fibre network expansion supporting Expo 2020 Dubai on schedule
- Established the RF-Mesh infrastructure for DEWA's smart meter rollout (AMI) and improved coverage for AMI and Distribution Automation
- Evaluated and piloted multiple smart grid telecom solutions, leading the selection for AMI
- Migrated telecom asset management to SAP EAM
- Co-authored the new technical specification for 132 kV substations, and served on the OHL and Telecom specialist committees handling vendor prequalification, factory inspections and failure investigations

Deputy Manager, Fibre

September 2011 - October 2019 (8 years 2 months)

Dubai

- Expanded DEWA's fibre network by more than 400 km across underground and OPGW routes
- Grew the team by hiring and training 20 engineers and technicians to meet expanding network demand
- Implemented fibre optic monitoring systems, raising availability and speeding up fault detection
- Deployed digital PLC, microwave, G3-PLC, PRIME and BPL solutions for a pilot smart grid project
- Reduced costs by negotiating with suppliers and running ISO 9001 audits to qualify new vendors and contractors
- Managed budgets, procurement and vendor relationships for network enhancement projects, delivering them within budget

Egyptian Electricity Transmission Company (EETC)

Senior Telecommunications Engineer

July 1997 - September 2011 (14 years 3 months)

Alexandria, Egypt

- Installed, commissioned and tested telecom systems for 60+ substations feeding the Alexandria Regional Control Center (66 kV network)
- Worked with KEMA consultants to deliver the Alexandria Regional Control Center (ARCC) project
- Delivered turnkey communications packages: RTUs (GE Harris D20, ABB RTU560, Siemens), SDH/PDH, microwave, power line carrier, fibre (ADSS, OPGW, underground) and 48 VDC systems

- Represented the company at factory acceptance tests in Germany (Siemens, Nokia PDH) and France (Alcatel Fibre Optic)
- Prepared tenders for RTUs, PDH equipment, fibre cables and power systems

Education

Alexandria University

Master's degree, Electrical Engineering · (1996 - 2000)

Alexandria University

Bachelor's Degree, Communication engineering · (1988 - 1993)