



**Al Rushaid Technologies**

**Infinite Possibilities**

**2025**

[www.artco.co](http://www.artco.co)

[WWW.ARTCO.CO](http://WWW.ARTCO.CO)



# WHAT IS ART

Al-Rushaid Technologies (ART) is the IT & Technology Powerhouse of the AlRushaid Group in Saudi Arabia. As a leading provider of Technology Solutions to customers in Saudi Arabia and across the region, ART provides a wide range of solutions including oil and gas technologies, advanced energy infrastructure, data centers, ERP applications, IoT with Smart oil field solutions, terrestrial broadband and satellite communication networks. ART also provides specialized AI (Artificial Intelligence) and Blockchain technologies to optimize and digitize business operations under ARTNET.

- **Digital Transformation**
- **Oil & Gas Solutions**
- **Advanced Energy Solutions**
- **Data centers Infrastructure**
- **AI & Blockchain Applications**
- **Building Management Systems**
- **OSP Solutions**

- **Digital Twin & BIM**
- **Digital Mining & Oilfield**
- **Terrestrial & VSAT Networks**
- **Marine Connectivity**
- **Enterprise Applications**
- **Low-Current Solutions**
- **ERP Solutions**





# Al Rushaid Group

## 47 Years of Service

The Al-Rushaid Group is a prominent and leading KSA-owned company operating nationally and internationally.

The Al-Rushaid Group is principally involved in Trading, Manufacturing, Construction, Engineering, Commercial Real Estate, and Technologies.

A leader in the provision of applied technologies and specialist services, Al-Rushaid Group provides the whole process from upstream, and midstream to downstream for the petroleum sector.



Manufacturing  
Construction  
Engineering  
Trading  
Commercial Real Estate  
Technology







# Terrestrial Onshore & Offshore Networks

RF, Microwave, Satellite Networks  
for Offshore, Onshore  
Marine Applications  
Backhaul & Broadband networks  
Military-Grade encryption

## Telecom Networks

ART specializes in providing Microwave & RF-based connectivity solutions within the ISM Band, including support for Saudi Aramco in establishing one of the largest onshore and offshore communication networks for the company's facilities. In collaboration with its partners, ART delivers microwave transport and backhaul solutions. ART is also a market leader in Cathodic Protection technology and CP monitoring solutions, with over 1200 installations across KSA.

Since 1999, ART has emerged as a trusted partner of Saudi Aramco for customized oil and gas technologies. The company undertakes sizeable IT, ELV, and telecom procurement, installation, and commissioning projects across various sectors, including oil and gas, petrochemical, manufacturing, and beyond.





# Fire Alarm Detection & Suppression

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Fire Detection Systems  
Fire Protection Systems  
Fire Suppression Systems  
Voice Alarms  
Gas Suppression







# Building Management Systems

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Efficient Data-driven Building Maintenance  
Centralized or Distributed BMS Solutions  
Turnkey supply, installation, testing & commissioning







# Low Current Systems

Al Rushaid Technologies provides complete low-current solutions for all commercial projects

Fire Alarm Systems  
CCTV Access Control  
IP Telephony  
Structured Cabling  
Audio Video Solutions  
Automation

Public Address Systems

SLA based Support & Maintenance



Approved  
Category "A"  
Contractor







# Healthcare Intelligent Communications Platforms

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IP Nurse Call Systems  
Paging Systems  
Healthcare Sensing  
Tracking & Localization  
Patient Communication  
SLA based Support & Maintenance





An aerial night view of a city with digital data lines overlaying the landscape. The lines are in various colors (blue, purple, red) and connect different points across the city, suggesting a network or data flow. The city lights are visible in the background, and the sky is dark with some light from the city.

# Digital Twin



# For Construction For Operations

MUCH MORE THAN ENGINEERING

DIGITAL CONSULTING, ENGINEERING,  
OUTSOURCING & ARCHITECTURE





# OSP Services FTTX Works

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Complete OSP Works  
FTTx / OSP Planning, Survey, And Design  
Full Turnkey Solutions For PON / GPON Technologies  
Passive & Active Networks, including FTTx Networks  
Supply, Installation, Testing & Commissioning of Telecom Materials  
Fiber Optics Laying, Splicing And Terminations  
Fiber Optic Network Testing  
Cable Testing And Calibration  
OSP Corrective & Preventive Maintenance  
OSP Routine Preventive Maintenance







# Oil & Gas Solutions

Cathodic Protection Solutions

IIoT Solutions

LTE Connectivity Solutions

Digital Oilfield

M2M Solutions

## CP Remote Sensing

Since 1999, ART has evolved into one of the leading partners for Saudi Aramco in bespoke oil and gas technologies. ART undertakes large IT, ELV, and telecom, procurement, installation, and commissioning projects for oil and gas, petrochemical, manufacturing, and others. ART is a market leader in Cathodic Protection and CP monitoring solutions. With over 1200 installations ART has the largest market share in CP Monitoring in KSA.







# Advanced Energy Solutions

ART specializes in cutting-edge technology to create and deliver sustainable renewable energy solutions utilizing a spectrum of technologies and partners for industrial, remote/off-grid, and commercial power generation:

## Remote Site Power generation/Off-Grid Desert applications ●

Oil & Gas, Defence  
Telecommunications/Base Stations

## Critical Backup Power/Uninterrupted Supply ●

Hospitals, Hotels and resorts  
Compounds and Buildings  
Farms and Livestock facilities

## Energy & Utilities ●

Rectifiers, Invertors for substations  
Hotels, Compounds, resorts, and buildings for which the uninterrupted power supply is of crucial importance

Advanced Energy Solutions ●  
ART Off-Grid Power Solutions ●  
Renewable Energy Solutions ●

# Green Hydrogen







# Connected Field

Connect all assets through IoT on a single network

Private LTE networks  
Digital Mining  
Industrial IoT Solutions  
Digital Mine Solutions  
IIoT Solutions for Mining  
No Ownership of IoT Assets - IoT as a Service  
Sensors for every requirement





# ERP Solutions

## Microsoft Dynamics Partner

AI-Rushaid Technologies, as a Microsoft Dynamics partner, provides ERP solutions to address industry and business process challenges. Their offerings include leadership on key industry and technology trends, immersive demos, expert consultants, and dedicated project management professionals. They leverage ERP and ecosystem to deliver innovative solutions to clients.



### Full Project Management - Support and SLA





# Blockchain Solutions

 **Everything**Blockchain

## Use Cases & Customers

Oil & Gas  
Banking & Finance  
Supply Chain  
Governments & Military  
B2B Secure Data  
Multi-layer encryption needs

**Military Grade Encryption**

**Your Data. Your Rules**

**Fully encrypted Emails & Vault**

**Control your data. Forever.**

**Desktop Mobile**

EB Control is the most secure blockchain application in the world that secures, encrypts and controls your data its entire life.





# LiDAR Site Security Digital Twin



## Use Cases

Stadiums  
Public Places  
Airports, Sea Ports  
Military Installations  
Industrial Zones  
Factories  
Refineries  
Oil Fields  
Mining

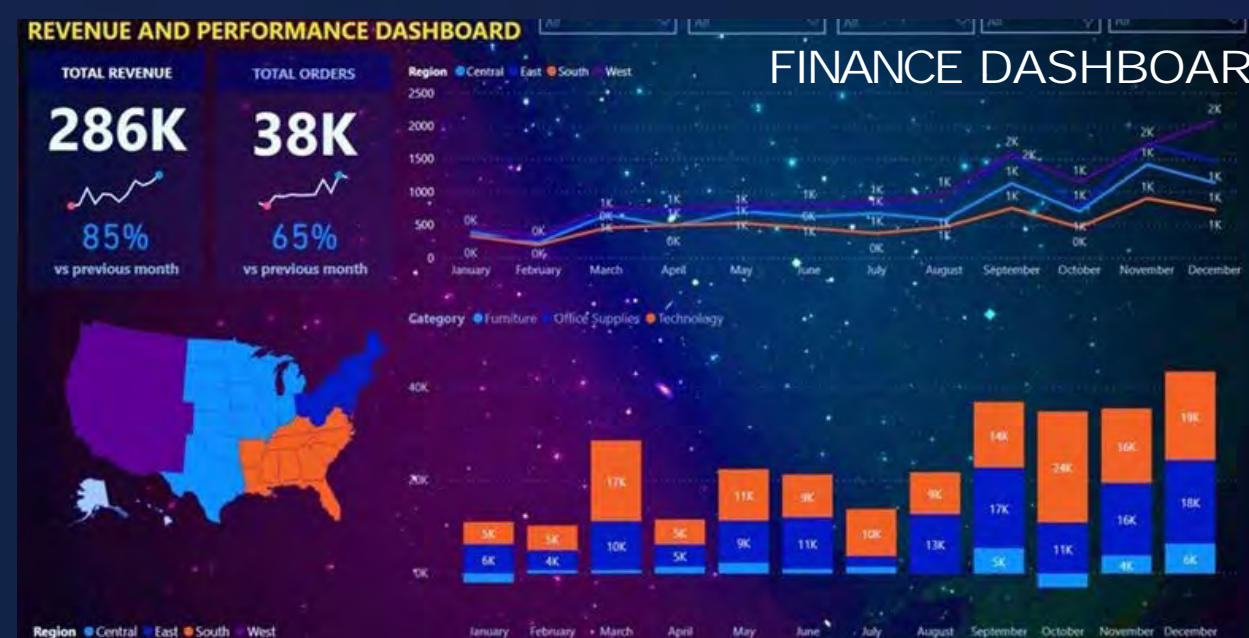




# Powered Business Intelligence

ART Powered Business Intelligence Apps can help you make the right decisions every time.

- Build a data-driven business with Executive Dashboards
- Make decisions based on real-time data
- Your Data when you want it how you want it







# Mobility & Workflow Management

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- Field Service Management Workflow software
- Save Millions through in workflow efficiency
- Full Integration with SAP & all ERP applications
- All-in-one: Field Service Management, Fleet
- Management, Route Management

Oil & Gas, Utilities | Large Field Workforce | Shipping & Logistics | Asset Management





## SELECTED PROJECTS

**2024**  
Ongoing **Corporate Academy - DCA**  
Saudi Aramco - China Railway



Complete low-current infrastructure with supply, installation, testing & commissioning of all Low-current systems with full BIM design and integration with Saudi Aramco Al Midra. Ongoing.

Eastern Province

**2024**  
Ongoing **Re-FEED for Khafji Field Well SCADA**  
Al Khafji Joint Operations



Re-FEED Study for the KHAFFI FIELD WELL SCADA PHASE-1 project for remote monitoring of 85 Wellhead jackets through full Kinetic mesh integration.

Eastern Province

**2024**  
Ongoing **Pipelines Upgrade BI-10-13202**  
SRACO - SAUDI ARAMCO (ABQAIQ)



Supply for bulk telecom supply for Saudi Aramco Pipeline Security Upgrade Junction for Abqaiq, Qatif, AlAin, Buqqa, Aindar, UBTG Shedgum, UBTG Uthmaniyah, Ain-Alnakhal.

Tanajib, Safaniya, Eastern Province

**2024**  
Ongoing **Marjan & Zuluf BI-10-08643**  
Saudi Aramco- Al Yamama



Supply, installation, testing, and commissioning of communications and P2P wireless networks for temporary construction facilities.

Eastern Province



## SELECTED PROJECTS

### 2020- Ongoing Broadband Infrastructure Saudi Aramco



Customer: Saudi Aramco (Ongoing)  
Scope: Broadband Connectivity Solution (On-Shore & Offshore Expansion) for Data/Tel/Communications Infrastructure for 500+ Offshore and Onshore Facilities, Oil Rigs and operational platforms

Haradh/ Hawiyyah/ Tanajib / Safaniya

### 2015- Ongoing Oil & Gas Support services Saudi Aramco



Multiple Saudi Aramco projects include Installation, testing, Commissioning, Support and After-Sales Services of Remote Data Communications, Active, Passive Network deployment including UPS deployment and commissioning.

Eastern Province

### 2017- 2023 CP Remote Monitoring Saudi Aramco



Supply, Installation, Testing & Commissioning of CP RMUsUnits to enable CP Monitoring including Support and Annual Maintenance Contract (ONGOING) on SCADA, GSM, and Satellite networks. Over 1200 sites deployed.

Eastern Province

### 2020- 2022 ICT & Telecom Infrastructure BCI Chemicals



Supply, Installation, Testing & Commissioning including Support and Annual Maintenance Contract of Telephone, Data, Networking, Fiber GPON Infrastructure, Low-Current, Remote Off-Grid Power solutions, Enterprise Infrastructure

Eastern Province



## SELECTED PROJECTS

2017

### ICT, Security Infrastructure SADARA/SIRTI



Security Surveillance CCTV supply, installation, commissioning and support for SADARA ISS PMT.



Eastern Province

2018

### CP Data Acquisition System SAOO Saudi Aramco/Siemens



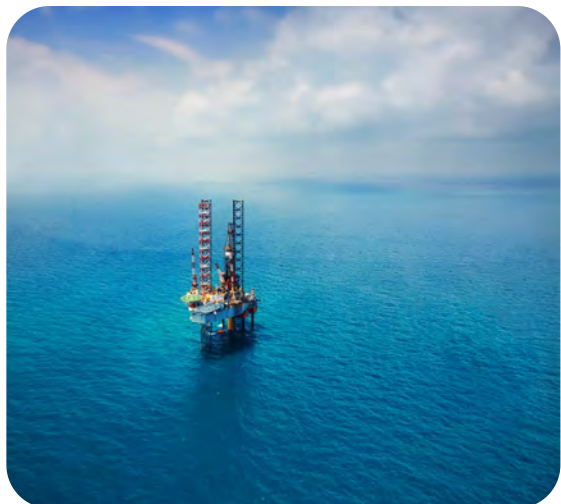
Deployment of CP Monitoring with 630+ units installed in South Ghawar in 2014 under BI-10007 (Data Acquisition System for SAOO Water Injection Wells)



Eastern Province

2015-  
2017

### Offshore CP Monitoring Saudi Aramco



Supply, installation and commissioning of Elecsys CP Monitoring for offshore facilities in Tanajib, Marjan. All units are still installed today.



Tanajib, Safaniya, Eastern Province

2017-  
2018

### MasterGas PKGIII / Fadhili Gas Plant Saudi Aramco



Supply, installation and commissioning of 150+ Elecsys CP Monitoring for Master Gas and Fadhii projects through SOGEC and Abdullah Fouad with end customer Saudi Aramco. Units are being commissioned in Feb 2023.



Eastern Province





## SELECTED CUSTOMERS

## TECHNOLOGIES







شركة الرشيد للتكنولوجيا  
Al Rushaid Technologies

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