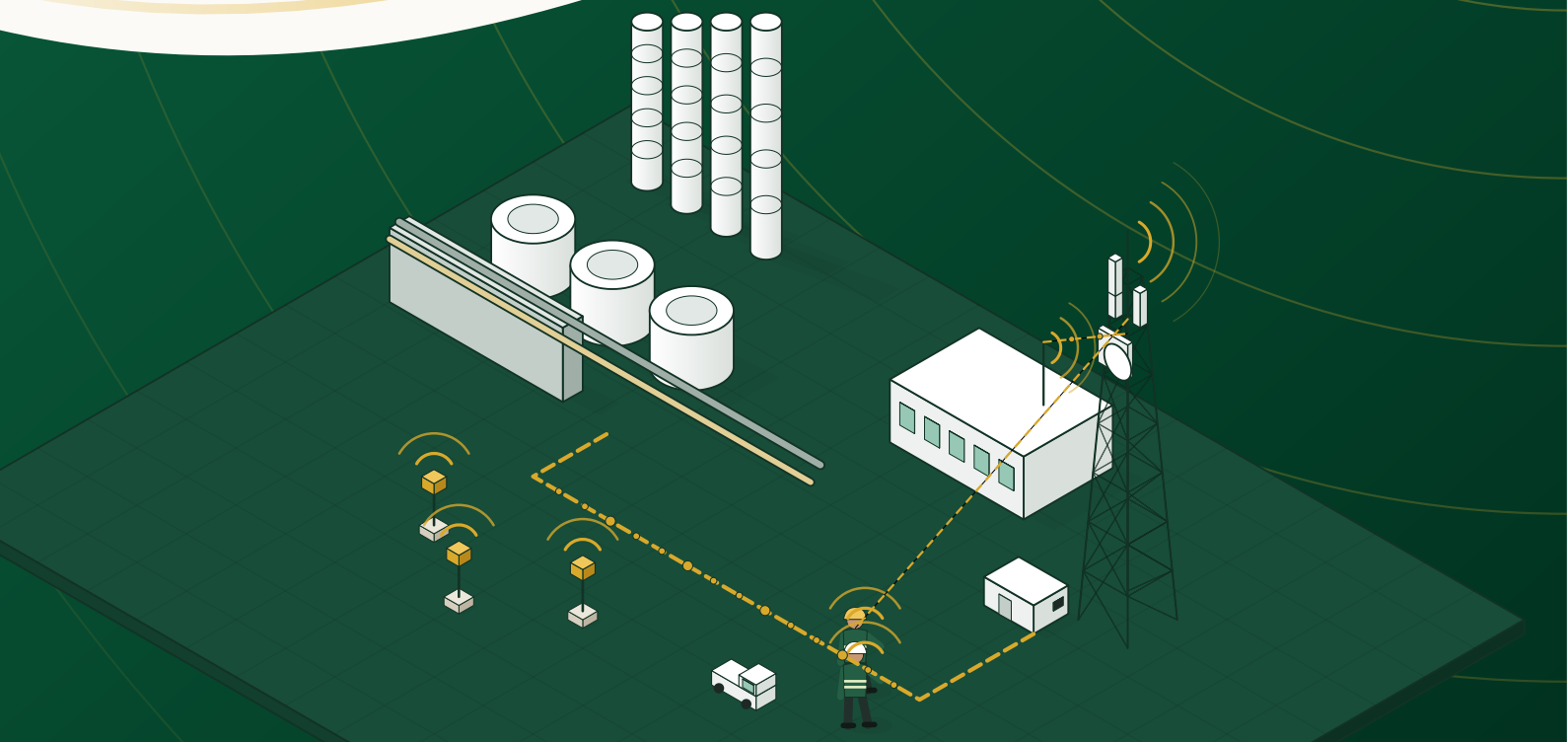
الكنار
ALKANAR

شركة الكنار العربية المحدودة
Arabian Al Kanar Co. LTD.

Smarter communications for safer, stronger operations.



WWW.ALKANAR.COM

OUR PURPOSE

Connectivity is now a strategic asset.

In critical industries, connectivity has moved from a utility to a source of competitive advantage. Three shifts are reshaping how the Kingdom's energy and industrial operators work.

01

IT and OT are converging

Field devices, control systems and enterprise IT are becoming one environment — to be designed, secured and operated as one.

02

Private wireless is now core infrastructure

Private 4G and 5G networks are replacing older single-purpose systems as the backbone of field operations.

03

Operational data drives decisions

Data generated in the field is becoming as valuable as the assets that produce it — when it is captured, trusted and used.

OUR RESPONSE

These shifts create opportunity — and complexity: more technologies, more vendors, more interfaces, and little tolerance for risk where downtime carries safety and production consequences. Our role is to remove that complexity. As an independent systems integrator, we select the right technology from the world's leading manufacturers, engineer it to each customer's operations, and remain accountable for its performance across the full lifecycle.

Our commitments are clear: to invest in IT/OT integration and private wireless, to develop Saudi talent, and to hold ourselves to the standards our certifications demand. We measure success by a single outcome — operations that stay connected, secure and productive.

The Management

Arabian Al Kanar Co. Ltd.

VISION

To be the Kingdom's most trusted name in industrial and mission-critical communications — strengthening national capability in step with Saudi Vision 2030.

MISSION

To engineer, deliver and sustain resilient communication networks that keep people safe and operations running — built by Saudi talent, backed by leading technology partners.

أمانة	إتقان	سلامة	وفاء	تعاون
Amanah	Itqan	Salamah	Wafa'	Ta'awun
INTEGRITY	MASTERY	SAFETY	LOYALTY	PARTNERSHIP

WHO WE ARE

A Saudi integrator of digital, data and communication systems.

Arabian Al Kanar connects the world's leading technologies into solutions built around each customer's operations — from field devices and networks to data platforms and enterprise IT.

Our customers run gas plants, refineries, offshore platforms, mines, transport systems and secure facilities, where a lost call or a failed link is a safety and production risk. We are vendor-agnostic by design: we select the best-fit technology, integrate it end to end and stand behind its performance.

2007
Founded in Al-Khobar

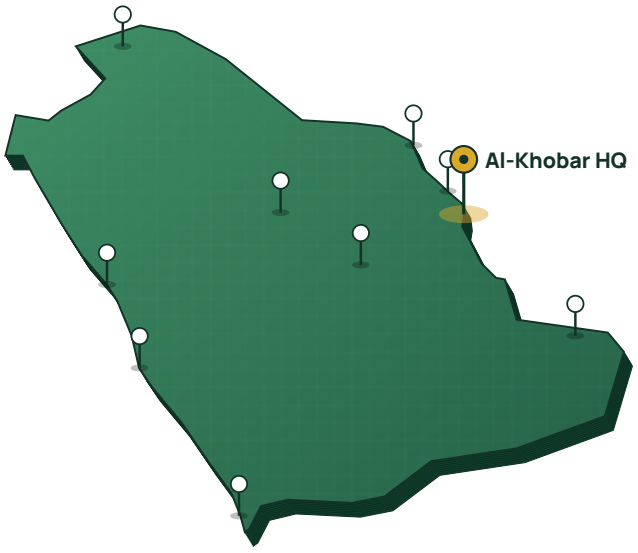
75+
Major projects delivered

25,000+
Mission-critical radios delivered

40%
of our specialists are engineers

15+
Global technology partners

ISO
Five certified management systems



Head office Project location

OWNERSHIP	100% Saudi
HEAD OFFICE	Al-Olaya, Al-Khobar
FACILITIES	Staging & iFAT facility, Dammam
APPROACH	Independent, fit-for-purpose solutions
LOCAL CONTENT	LCGPA local-content certified · IKTVA supplier
LICENSING	Licensed importer of mission-critical & communication equipment

OUR JOURNEY

Nearly two decades in Saudi communications.

From mission-critical radio in 2007 to private 5G and operational AI today, we have helped bring new technology safely into the Kingdom's most demanding operations.

2007 — **Founded**
Mission-critical radio specialist established in Al-Khobar.

2009 — **National TETRA programme**
Integration of a national energy company's TETRA network.

2015 — **Holy Sites & mining**
Pilgrim metro radio in the Holy Sites; TETRA design for a national mining project.

2016 — **World-scale petrochemicals**
Turnkey TETRA, under multiple contracts, for a world-scale chemical complex.

2021 — **Offshore optical transport**
DWDM transmission for an offshore field package; 4G/5G mission-critical design.

2022 — **Private 5G**
Private 5G network solution for a national energy company.

2023 — **Private LTE & operational AI**
Private LTE network and an AI data-analytics solution for a national energy company.

2024 — **Offshore integrated radio**
TETRA, marine and aviation radio for an offshore package.

Today — **Integrated systems integrator**
Connecting OT and IT end to end — one synchronised architecture from field devices to the enterprise.

WHAT WE DO

One integrator, from field to enterprise.

Al Kanar integrates digital, data and communication systems end to end. Our foundation is mission-critical communications; on it we build the platforms, analytics and security that connect operational technology (OT) with enterprise IT.

- Security across every layer
- Best-fit technology from leading manufacturers
- Single-point accountability

VENDOR-AGNOSTIC INTEGRATION

Applications & insight — IT	AI & video analytics Operations dashboards	Predictive maintenance AR/VR for field teams
Platforms & control — IT/OT	Integrated operations centres SCADA & telemetry	PSIM & video management Dispatch & control rooms
Networks & transmission — OT	TETRA · DMR · P25 DWDM · SDH · Microwave	Private LTE (450 MHz) & 5G VSAT · HF · In-building
Field & edge — OT	Mission-critical radios Cameras, radar & drones	Sensors & IoT devices Aviation & marine radio

ENGINEERING: Electrical · Instrumentation · Mechanical · HVAC · Fire & gas detection

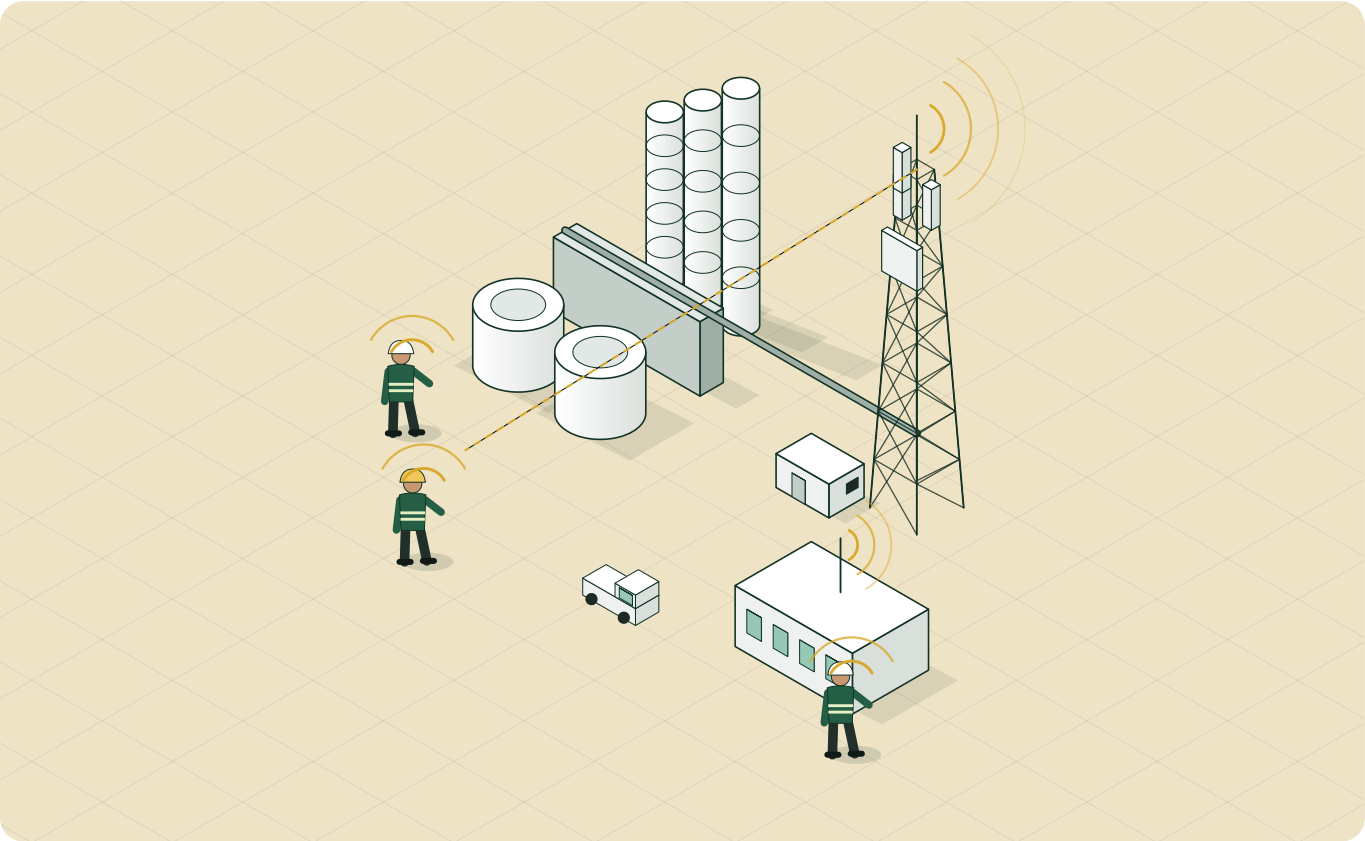
CORE CAPABILITY

Mission-critical communications.

Voice and data networks that keep field teams, control rooms and assets connected in the Kingdom's most demanding environments — onshore, offshore and in-building.

HIGHLIGHTS

TETRA for offshore packages and a distribution hub; radio for Holy Sites metro transport.



TETRA, DMR & P25 networks

Wide-area digital radio for plants, fields, cities and transport.

In-building coverage

Distributed antenna systems for plants, tunnels and venues.

HF & long-range links

Reliable voice for remote and desert operations.

Mission-critical portable radios

DMR, TETRA, Band 31 (450 MHz) and GSM radios, including ATEX-certified models.

Dispatch & control rooms

Consoles, recording, PAGA, sirens and hotlines in one centre.

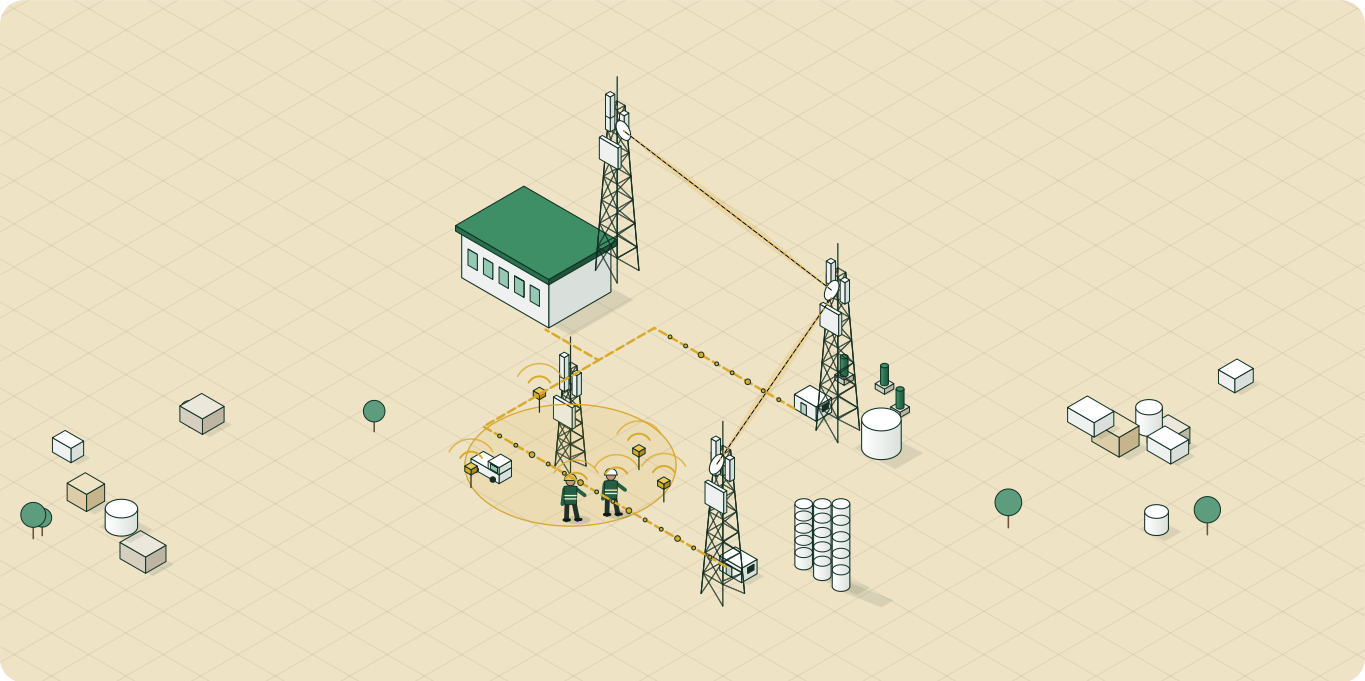
Rapid-deploy systems

Portable networks for shutdowns and emergencies.

CORE CAPABILITY

Transmission & private wireless.

Behind every radio network sits a transmission backbone. We design and deliver the optical, microwave, satellite and private 4G/5G networks that carry voice, video and SCADA data across sites hundreds of kilometres apart.



HIGHLIGHTS

Full turnkey DWDM backbones; private 5G and private LTE network solutions for a national energy company.

Private LTE & 5G

450 MHz (Band 31) private LTE and private 5G — designed, deployed and supported for national energy operations.

DWDM/SDH

High-capacity optical transport between plants, fields and control centres.

Microwave & hybrid links

Licensed microwave and hybrid optical links where fibre cannot reach.

VSAT & offshore links

Satellite, mesh and long-range links for rigs and vessels.

RF planning & surveys

Coverage prediction, drive testing and field measurement.

IP/MPLS & SD-WAN

Secure operational data networks, end to end.

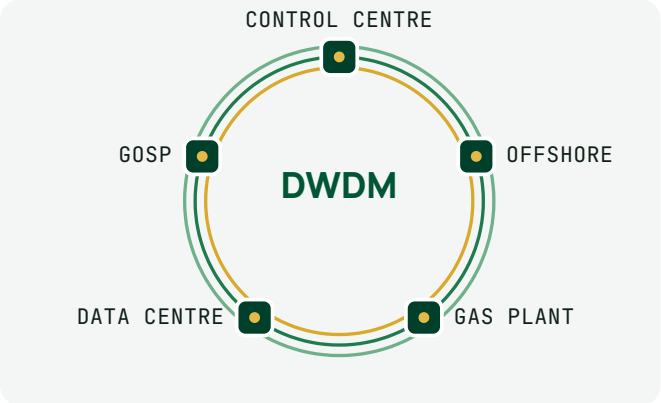
SIGNATURE CAPABILITY

Turnkey DWDM optical transport.

We deliver DWDM backbones fully turnkey — engineered, supplied, integrated, commissioned and maintained by one team — for the Kingdom's energy operations: radio backhaul, SCADA, CCTV and enterprise data on separate wavelengths of the same fibre.

Full turnkey	Design to maintenance, one accountable team
Offshore, onshore, data centre	Backbones for offshore fields, gas developments, processing plants and data centres
Largest contract	A full turnkey DWDM backbone

NOKIA Delivered on Nokia DWDM technology.



Offshore fields
Optical transport for offshore field packages, with follow-on service

Unconventional gas
DWDM backbone for an unconventional gas development

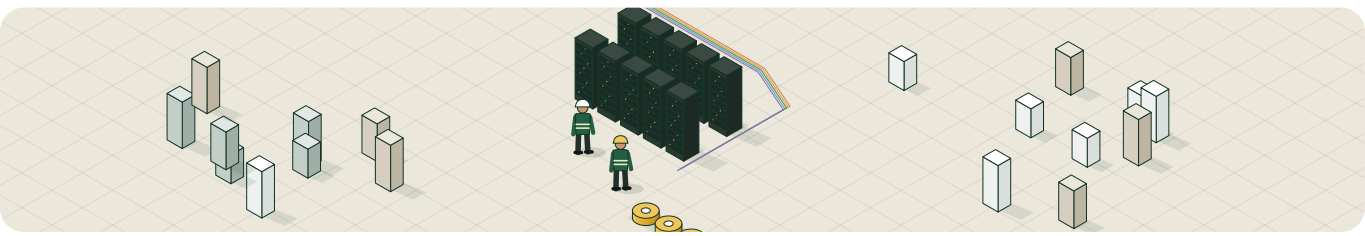
Gas-oil separation plant
DWDM transport for a GOSP

Corporate data centre
DWDM for a corporate data centre, with a follow-on maintenance contract

Operating networks
Turnkey DWDM expansions and services

TURNKEY SCOPE · SINGLE-POINT ACCOUNTABILITY

01	02	03	04	05	06
Route & capacity design	Nokia supply	Integration & iFAT	Install & commission	Handover	Maintain & support



SPECIALIST CAPABILITY

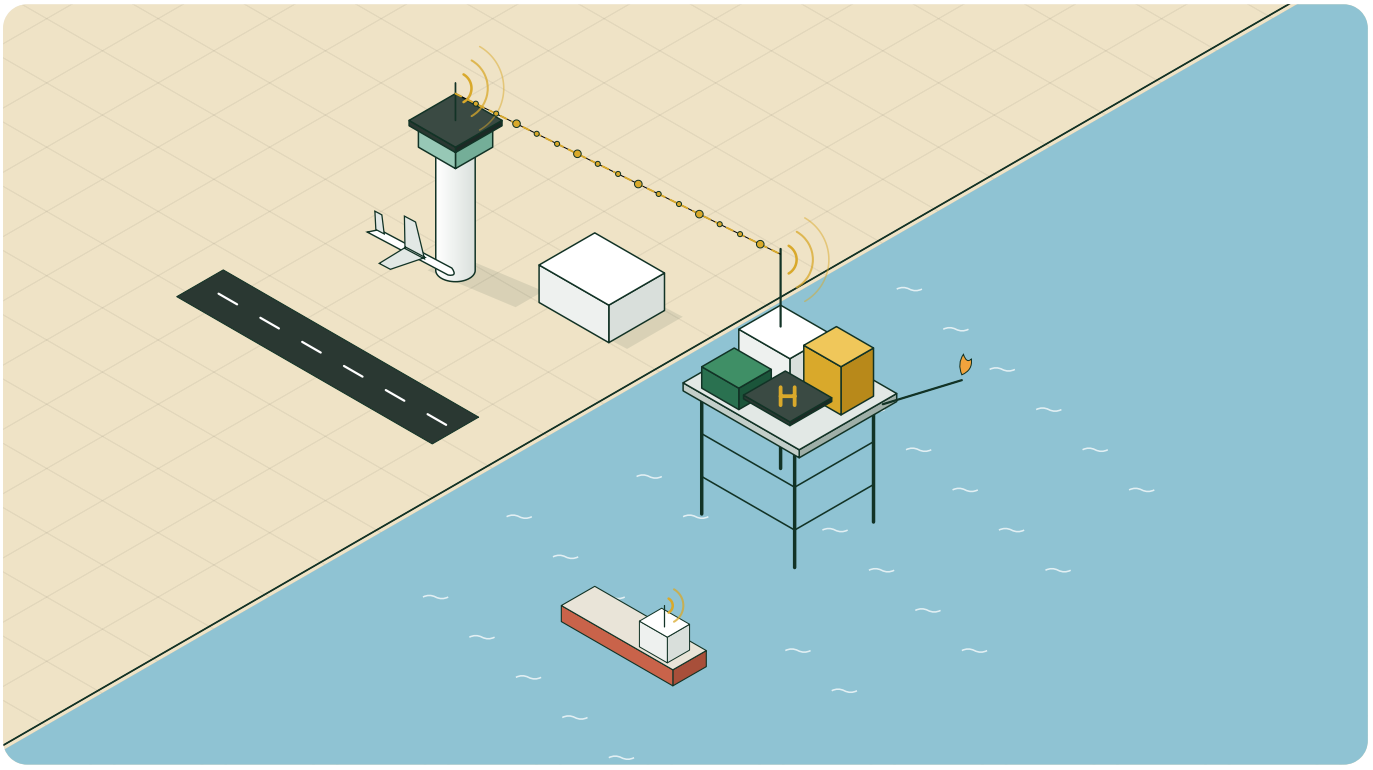
Aviation & marine radio.

One partner for communications in the air and at sea. We design, supply and support air-to-ground, air-to-air, marine and port radio systems for airfields, heliports, ports, terminals and offshore facilities.

HIGHLIGHTS

TETRA, marine and aviation radio for offshore facilities; replacement of an operator's complete aviation and marine radio system.

Indra Park Air — Aviation radio delivered with Indra Park Air.



Aviation

- VHF/UHF radio for airfields and heliports
- Air-to-ground and air-to-air communications
- Aero-band portable and mobile radios

Marine

- Marine and port radio systems
- Vessel traffic (VTMIS), differential GPS (DGPS) and dynamic positioning (DP)
- Offshore rig and platform communications
- Coastal and long-range HF links

Airfields & heliports

Tower, ground and ramp coordination

Ports & terminals

Berth, pilot and harbour operations

Offshore facilities

Helideck and supply-vessel coordination

INTEGRATED CAPABILITY

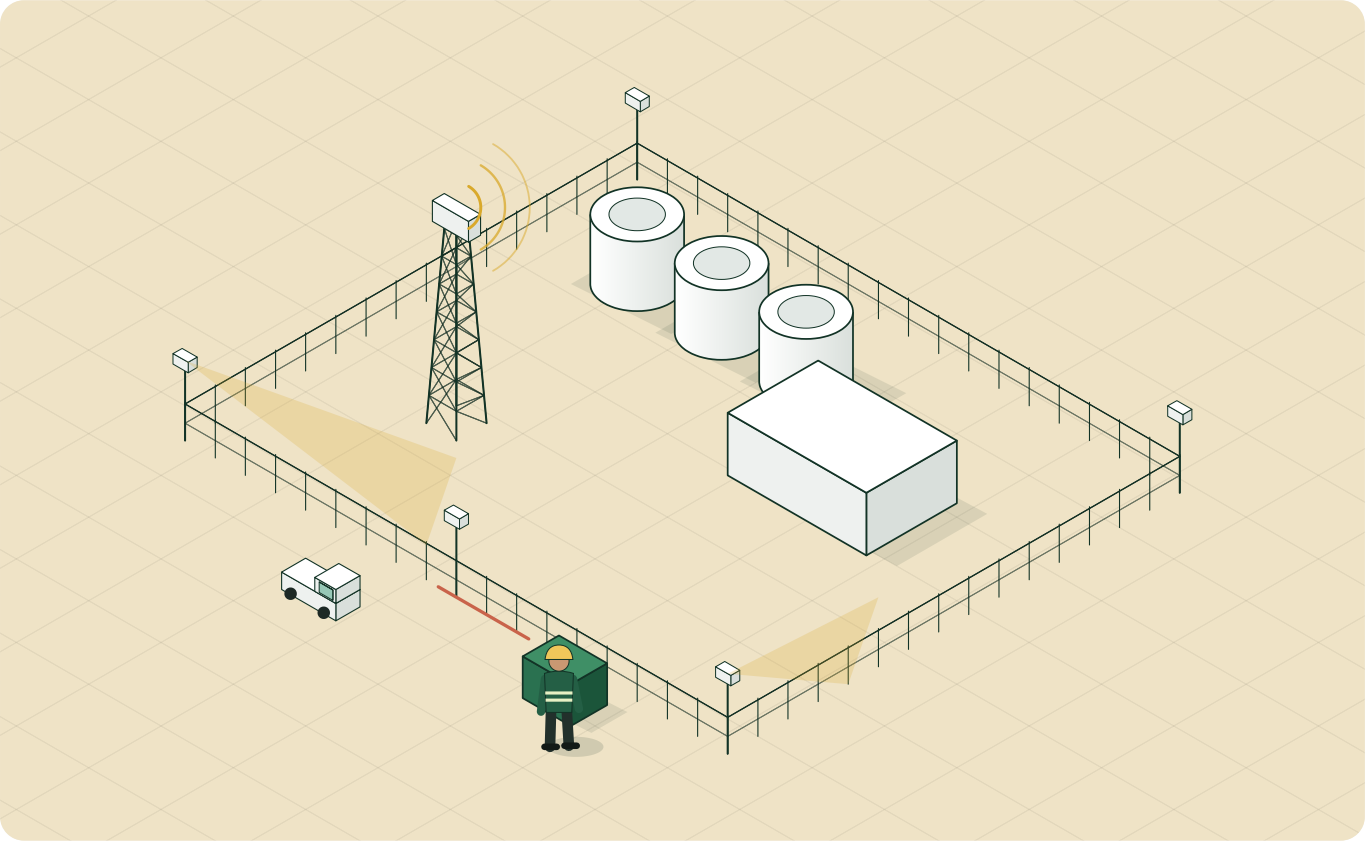
End-to-end security systems.

We design security for critical facilities as one architecture — from the sensor on the fence line to the responder on the radio — so alarms are detected, verified and escalated through a single chain of command.

Perimeter | Facility | Airspace | Marine | Cyber

HIGHLIGHTS

Communication and security systems for a gas plant.



Detect

- Ground radar & LiDAR
- Thermal & PTZ cameras
- Fibre-optic acoustic sensing
- RF & radar drone detection

Connect

- Private 4G/5G & fibre
- TETRA/DMR for responders
- OT cybersecurity & zero trust

Analyse

- AI video analytics
- Multi-sensor fusion
- Threat classification

Command

- PSIM & video management
- GIS operating picture
- Access control & ANPR/UVSS

Respond

- Push-to-talk dispatch
- Automated lockdown & PAGA
- Counter-UAV alerting

INTEGRATED CAPABILITY

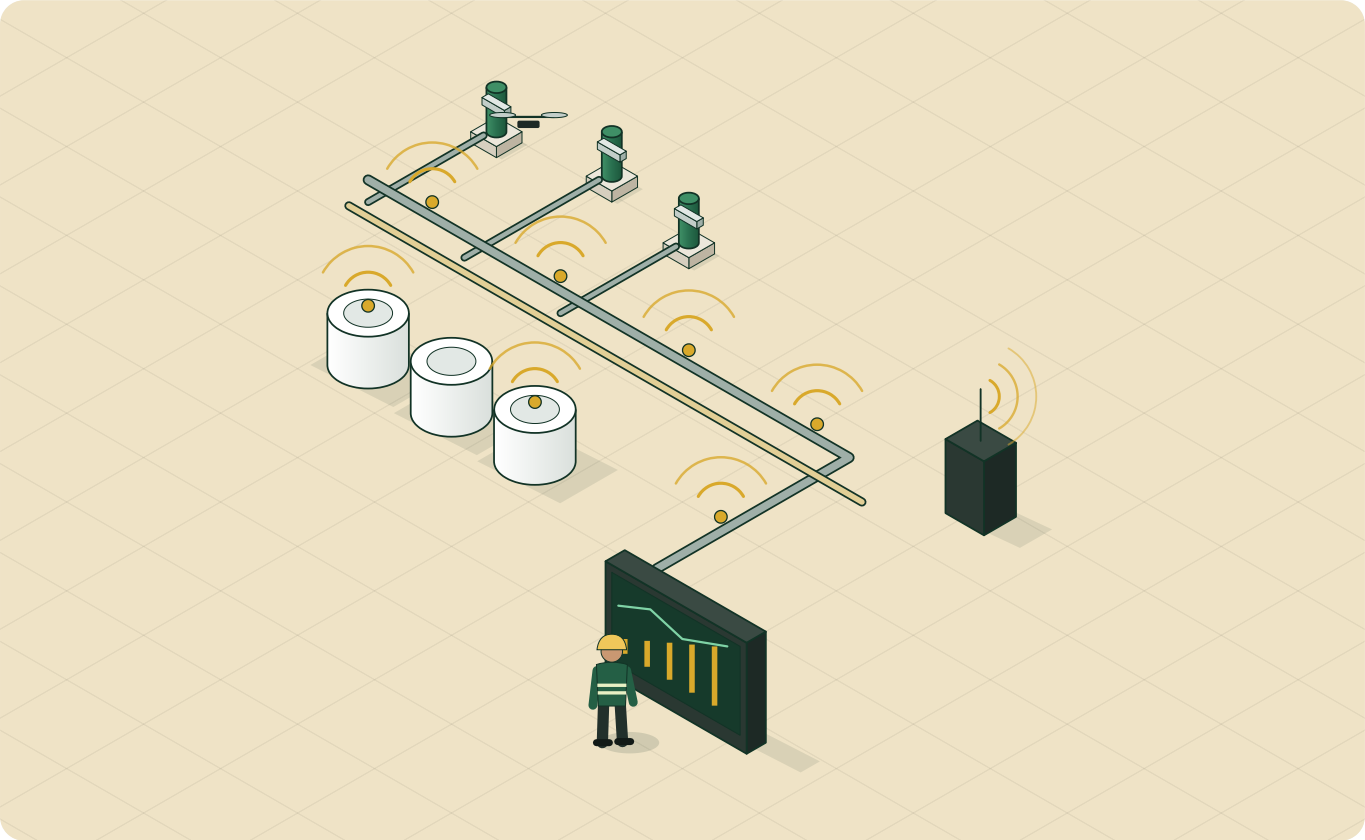
Industrial IoT, data & AI.

Once a site is reliably connected, its data can be put to work. We extend customer networks with sensing, inspection and analytics — applied where they measurably improve safety, uptime and decisions.

Analytics can run on the customer's own secure infrastructure, keeping operational data inside the Kingdom and under the operator's control.

HIGHLIGHTS

A data-analytics and AI solution for an operator's engineering solutions centre.



Industrial IoT & SCADA

Wireless sensors, telemetry and remote data acquisition.

Predictive maintenance

Machine learning on process and sensor data.

Drone & LiDAR inspection

Pipeline patrol, gas-leak and structural inspection.

Video analytics & AI

Automated site supervision, PPE checks and alerts.

Integrated operations centres

One view of radio, video, sensor and alarm data.

AR/VR for field teams

Remote expert support and immersive training.

HOW WE DELIVER

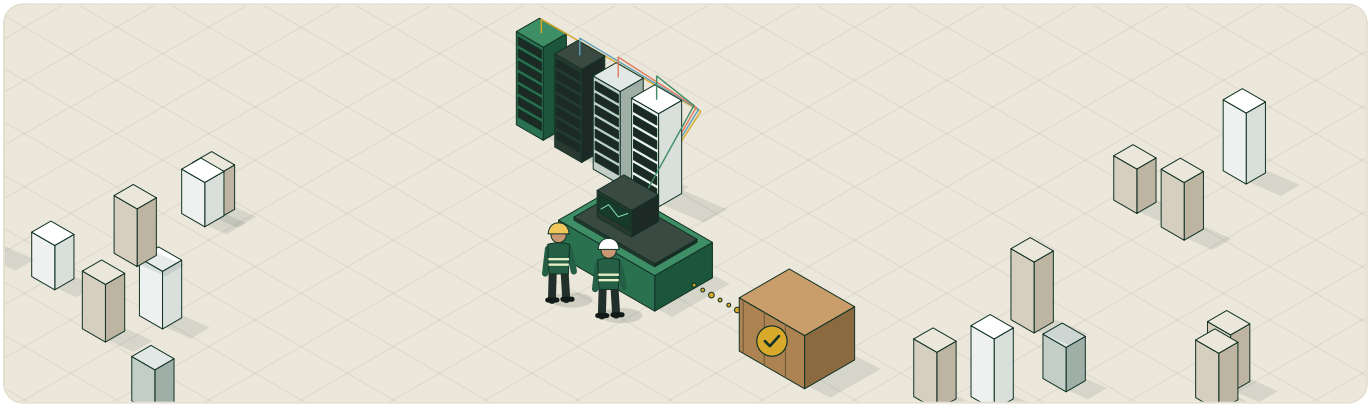
Integrated, tested, accountable.

We take responsibility for the whole lifecycle — on a turnkey (LSTK) basis or as individual services. Before anything reaches site, subsystems from different vendors are connected and proven together in our integrated factory acceptance testing (iFAT) facility in Dammam.

- Programme, logistics and spares management
- Warehousing and critical spares close to site
- Dedicated after-sales support

01	02	03	04	05	06
Consult & design	Select & supply	Integrate & iFAT	Install & commission	Operate & maintain	Managed services 24/7

INTEGRATED FACTORY ACCEPTANCE TESTING



Multi-vendor subsystems are integrated and tested as one system before shipment — reducing commissioning time and site risk.



QUALITY & HSE

Five certified management systems.

Al Kanar holds five independently audited management-system certifications, each relevant to how we deliver for you.

Quality
Documented delivery, design to maintenance (ISO 9001).

Safety & environment
Field work controlled to protect people and sites (ISO 14001, ISO 45001).

Information & service
Data protected, support run to defined levels (ISO/IEC 27001, ISO/IEC 20000-1).



ISO 9001



ISO 14001



ISO 45001



ISO/IEC 27001



ISO/IEC 20000-1

STANDARD	CERTIFIED BY	ACCREDITED	CERT. NO.	VALID TO
ISO 9001:2015	SOCOTEC UK	UKAS	SCUK007060QM	14 Aug 2027
ISO 14001:2015	Recto Solutions	IAS	IAS2710141324	26 Oct 2028
ISO 45001:2018	Recto Solutions	IAS	IAS2710451325	26 Oct 2028
ISO/IEC 27001:2022	Recto Solutions	IAS	IAS0106271779	31 May 2029
ISO/IEC 20000-1:2018	QRO Certification LLP	—	305026060135SM	31 May 2029

Download and verify each certificate at www.alkanar.com/communications/quality.html.
Validity is maintained through annual surveillance audits.

CERTIFIED SCOPE · ALL FIVE STANDARDS

System integration in telecommunications and security, with end-to-end solutions including design, engineering, procurement, field services and maintenance in mechanical, cooling, electrical, instrumentation, and gas and flame detection systems.

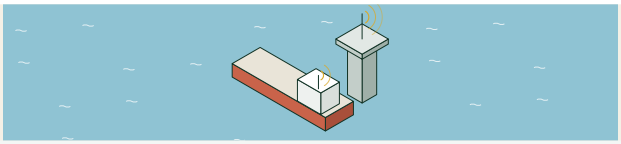
TRACK RECORD

Proven where it matters most.

Our work spans the Kingdom's critical industries — from coverage studies and field measurements to multi-year turnkey and managed-service contracts.

Oil & gas	Petrochemicals
Mining	Utilities
Transport & venues	Government & security

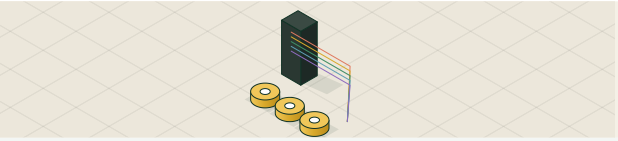
Registered vendor with the Kingdom's leading oil, energy and petrochemical companies.



OIL & GAS · OFFSHORE

Offshore field increment

Communication systems supplied and serviced on several packages of a major offshore field increment.



OIL & GAS · TRANSMISSION

Full turnkey DWDM backbones

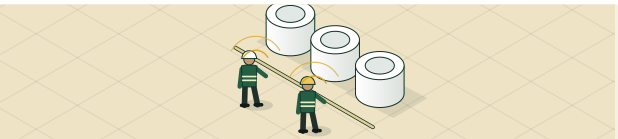
Turnkey DWDM backbones from design to maintenance.



OIL & GAS · PRIVATE WIRELESS

Private 5G and private LTE

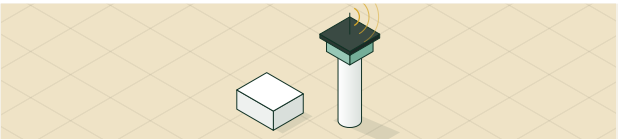
Private 5G and private LTE network solutions — designed, supplied and supported.



PETROCHEMICALS

World-scale chemical complex

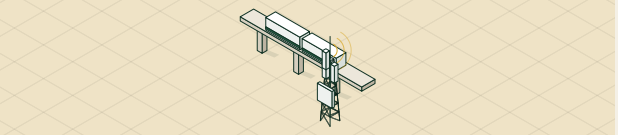
A new TETRA radio system, delivered turnkey under multiple contracts.



AVIATION & MARINE

Air, sea and offshore

TETRA, marine and aviation radio for offshore facilities, and a complete aviation and marine system replacement.



GOVERNMENT · TRANSPORT · MINING

Holy Sites and mining

Radio for Holy Sites metro transport; the low-level TETRA design for a national mining project.

Customer references and contacts are shared with pre-qualification teams on request.

CLIENTS & PARTNERS

Our clients and technology partners.

Our customers include national energy companies, petrochemical producers, refiners, utilities, universities and international service companies.

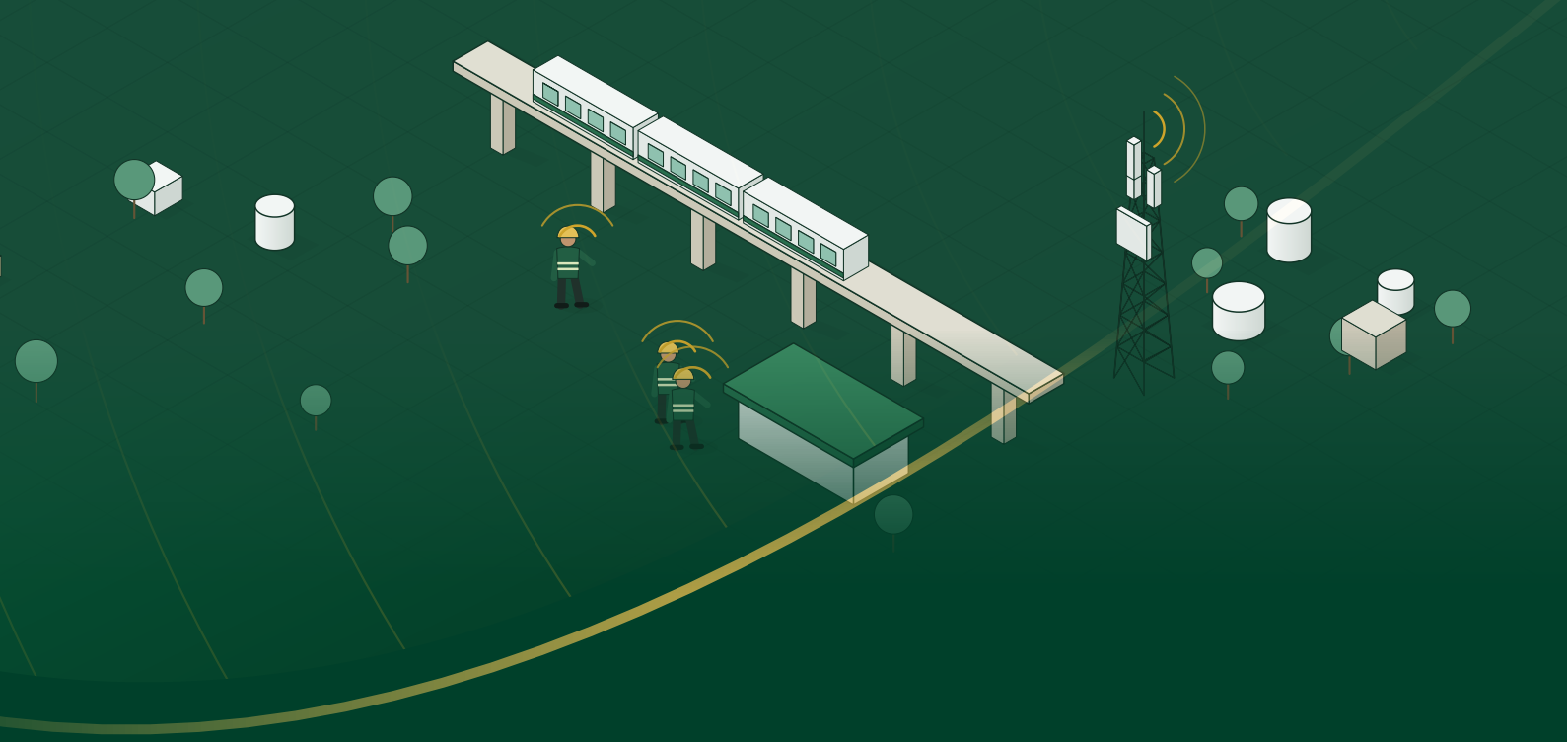
We work directly with the world's leading manufacturers — selecting, for each project, the technology that best fits the customer's operations.

SELECTED CLIENTS

Saudi Aramco · sabic · MA'ADEN GOLD · Sadara · KJO AL KHAFJI JOINT OPERATIONS
Saudi Electricity Company · satorp · Petro Rabigh · Yasref · Samref
Sasref · Sipchem · HALLIBURTON · KAUST · King Fahd University of Petroleum & Minerals

TECHNOLOGY PARTNERS

MOTOROLA SOLUTIONS · NOKIA · ERICSSON · AIRBUS DEFENCE & SPACE · ROHDE&SCHWARZ
COMMSCOPE · ZETRON · indra Indra Park Air · Amphenol ANTENNAS · axell WIRELESS A COBHAM COMPANY
Cambium Networks · InfiNet wireless · RFS · redline communications · MAVEN WIRELESS
Dedrone · Flutura Actions! Not just Insights · DGS · BATS



شركة الكنار العربية المحدودة

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Smarter communications for safer, stronger operations.

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