MECHNEX
ENGINEERING & CONTRACTING

SURVEILLANCE · RECORDING · MONITORING

Eyes on every corner, all day.

CCTV & Security Systems Profile · 2026

AN AL-RIFAI GROUP COMPANY KINGDOM OF SAUDI ARABIA

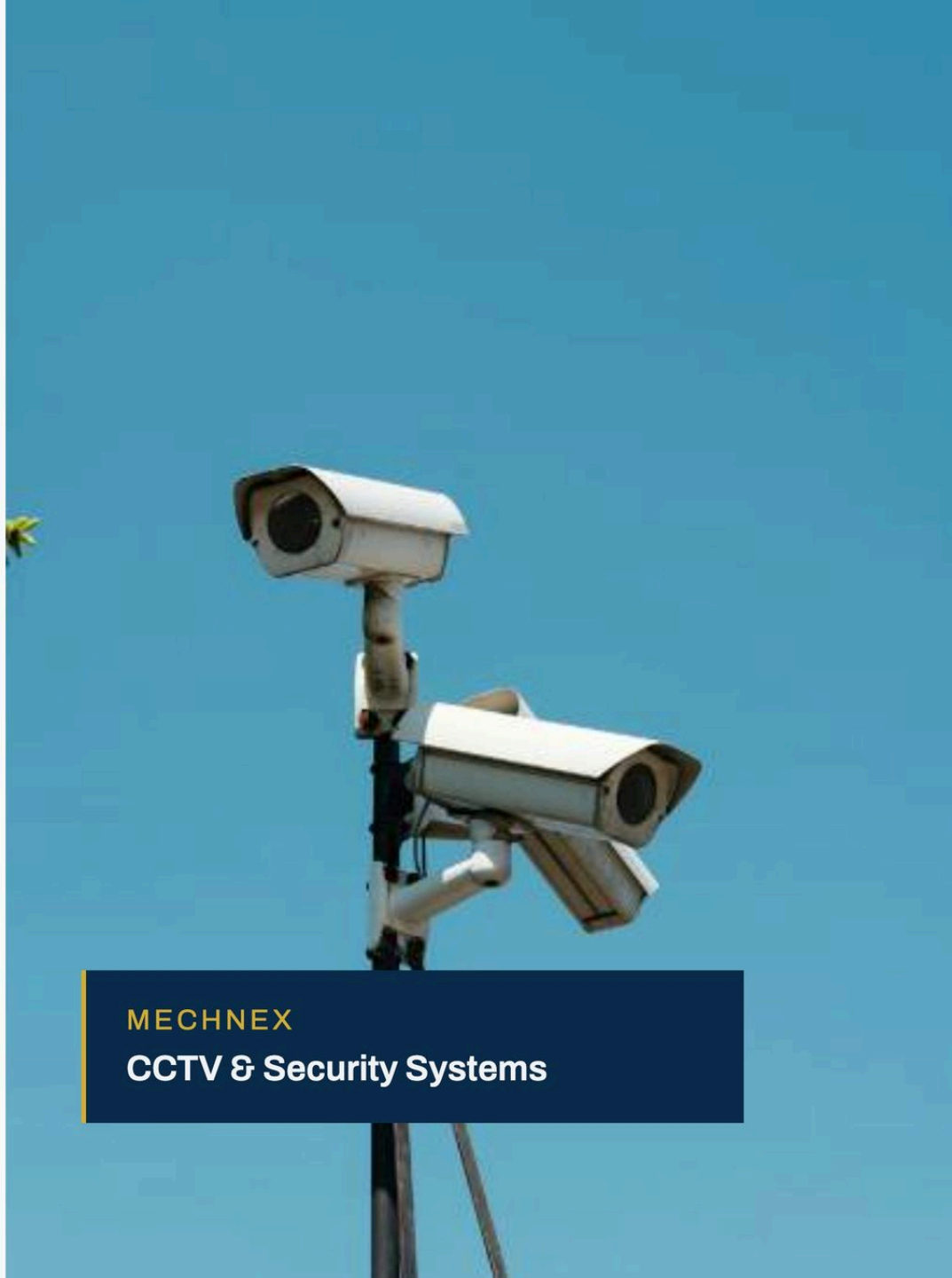
ABOUT THIS PROFILE

Security systems designed around how each space is used.

MECHNEX designs, supplies, installs and maintains CCTV and security systems for offices, retail, industry and public buildings across the Kingdom.

We plan camera positions, fields of view and recording capacity with the client, then install, configure and hand over a system the operators can use from day one.

- IP CCTV
- PTZ & Dome Cameras
- Recording & Storage
- Control Rooms



CCTV & SECURITY AT A GLANCE

Security, delivered end to end.

100+

Clients served

Across banking, retail, industry and education

13

Regions covered

Every administrative region of the Kingdom

6

System types

Cameras, recording, monitoring and cabling

24/7

Recording

Systems designed for continuous operation

Specialised security systems engineers and technicians

DESIGN · SUPPLY · INSTALL · MAINTAIN

WHAT WE DELIVER

Six security systems, one integrated design.



01

IP cameras



02

PTZ dome cameras



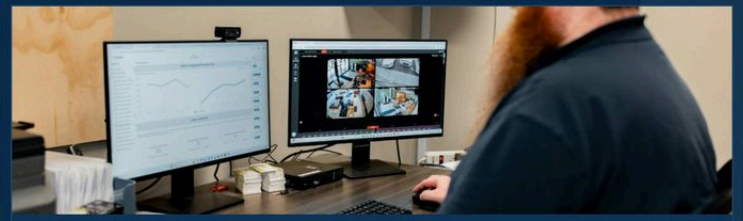
03

Bullet cameras



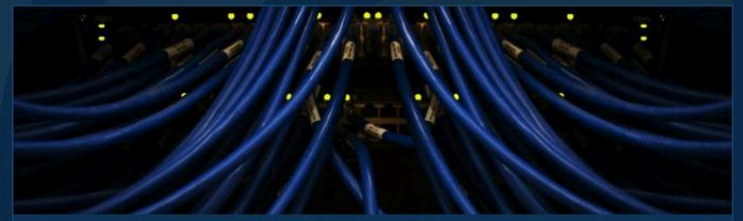
04

Recording & storage



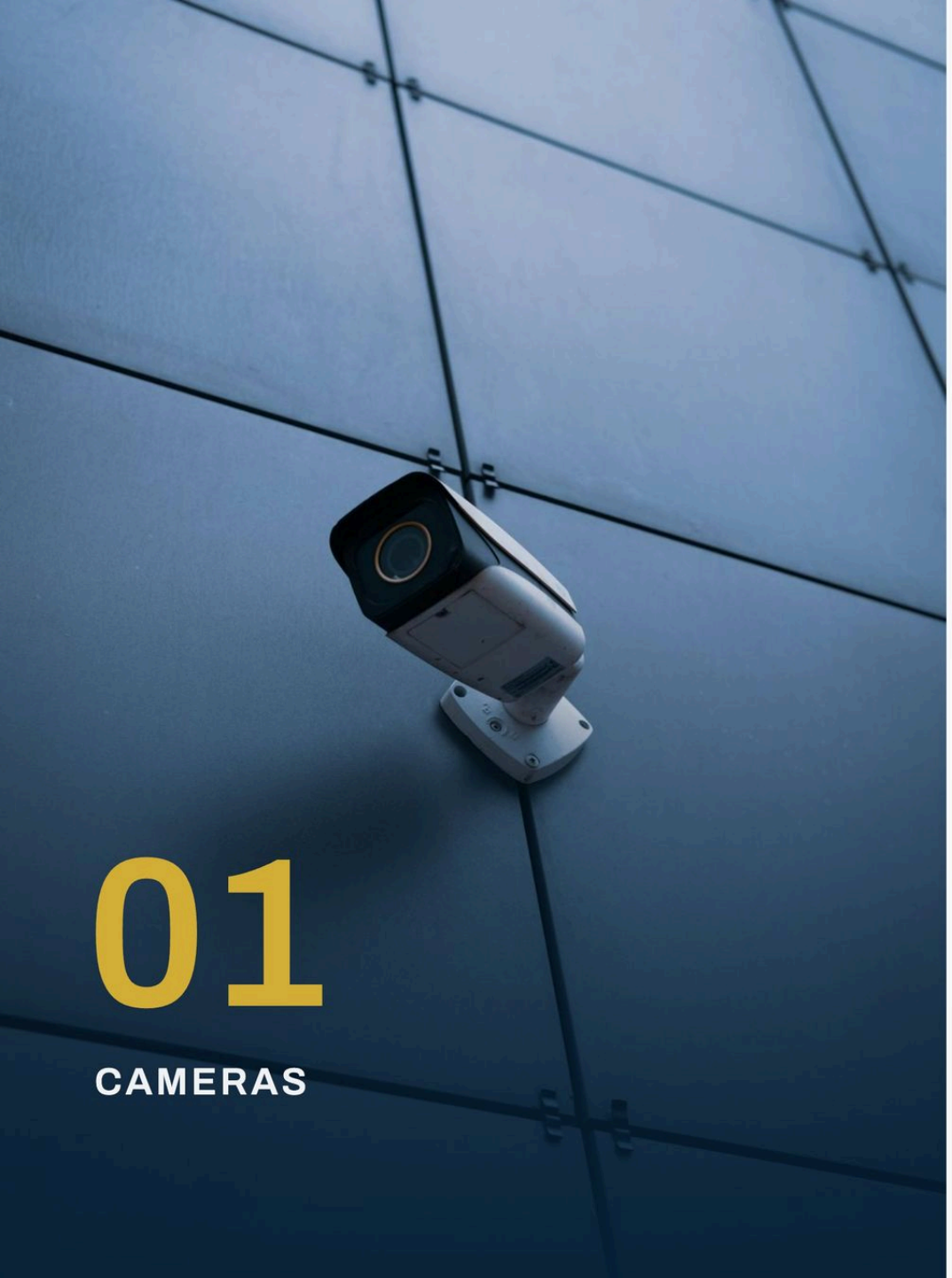
05

Control rooms



06

Network & cabling



01

CAMERAS

SURVEILLANCE

Surveillance Cameras

The right camera in the right place: coverage planned for identification, recognition and general observation.

- IP and analogue cameras
- PTZ, dome and bullet
- Indoor and outdoor rated
- Night vision and IR
- Vandal-resistant housings
- Coverage and FOV design



PTZ dome



Dome camera



Bullet camera



02

MONITORING

RECORDING & CONTROL

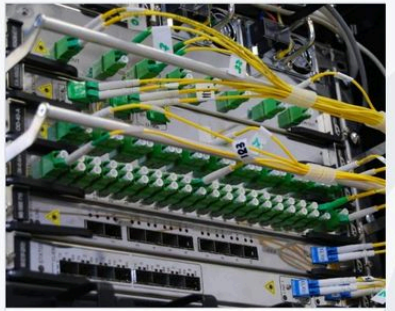
Recording, Monitoring & Networks

Recording, storage and control rooms sized for the number of cameras and the retention the client needs.

- NVR and VMS platforms
- Storage and retention sizing
- Video walls and workstations
- Network switches and PoE
- Structured cabling
- Remote and mobile viewing



Recording servers



Network switching



Wall-mount camera

DESIGN CONSIDERATIONS

What we engineer into every system.

Consideration	How we address it
Coverage	Camera positions and fields of view planned against a site layout.
Image quality	Resolution chosen for identification, recognition or observation.
Retention	Storage sized for the recording period the client requires.
Network	Dedicated switching, PoE budgets and secure configuration.
Power	UPS backup for cameras, recorders and network equipment.
Handover	Configuration records, user training and as-built drawings.

FROM START TO HANDOVER

Six steps from survey to a working control room.

01

Site Survey

Walk-through, risks and camera points.

02

Design

Layouts, FOV and storage sizing.

03

Approval

Client and consultant sign-off.

04

Supply

Cameras, recorders and network.

05

Install & Configure

Cabling, mounting and programming.

06

Handover

Training, records and support.

One point of contact, from survey to handover.

DESIGN · SUPPLY · INSTALL · MAINTAIN

SCOPE OF CAPABILITY

Full life-cycle delivery for every system.

System	Design	Supply	Install	Test & Commission	Maintain
IP and analogue cameras	✓	✓	✓	✓	✓
PTZ and dome cameras	✓	✓	✓	✓	✓
Recording and storage	✓	✓	✓	✓	✓
Control rooms	✓	✓	✓	✓	✓
Network and cabling	✓	✓	✓	✓	✓



KINGDOM-WIDE COVERAGE

Security systems in every region of the Kingdom.

Teams operating from Riyadh, Jeddah, Madinah, Taif and Jazan deliver and maintain security systems across all 13 regions.

OPERATING CITIES

- Riyadh
- Jeddah
- Madinah
- Taif
- Jazan

SECTORS WE SERVE

Built for the buildings our clients run.

01

Banking & Offices

Cameras for branches, ATMs and offices.

02

Retail & Malls

Coverage for entrances, halls and car parks.

03

Industry & Factories

Perimeter and process monitoring.

04

Warehouses & Logistics

Yard, dock and loading-bay coverage.

05

Healthcare

Monitoring for wards, entrances and pharmacies.

06

Education & Hospitality

Campus and guest-area monitoring.

Every system designed around how the building is used.

SURVEY · DESIGN · INSTALL · MAINTAIN

BRANDS WE SUPPLY & INSTALL

Camera, recording and network brands we supply and install.

HIKVISION

dahua TECHNOLOGY

AXIS COMMUNICATIONS

BOSCH

Hanwha Vision

unv Uniview Technologies

milestone

CISCO

OUR CLIENTS

Trusted by 100+ clients across the Kingdom.



ONE COMPANY, EVERY SERVICE

Part of an integrated MEP contractor.

CCTV and security is one of six services MECHNEX delivers. The same team can deliver your fire, HVAC, electrical, plumbing and maintenance works under one contract.

01 Fire Protection	**02 CCTV & Security**	03 HVAC & Ductwork
04 Electrical Works	05 Plumbing Works	06 Maintenance & O&M

Ask for the MECHNEX main company profile, or the profile of any service above.

WHY MECHNEX

Why clients choose us for security.

01
Planned coverage
Every camera placed for a clear purpose.

02
Integrated
Designed with fire, electrical and network works.

03
Ready to operate
Configured, tested and handed over with training.

04
Supported
Maintenance and support after handover.

TRUSTED BY

MECHNEX
ENGINEERING & CONTRACTING

GET IN TOUCH

Let’s secure your site.

EMAIL
info@mechnx.com

WEBSITE · KSA
www.mechnx.com

EXPLORE · EGYPT
egypt.mechnx.com

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