
Network Cabling, ELV & Physical Security

Specify the outcome. Prove the installation.

A practical customer checklist for structured cabling, CCTV, access control and connected ELV systems in Saudi Arabia.



REQUIREMENTS THAT MATTER

Start with the site and the operating need

Agree the zones, users, endpoints and operating hours before comparing equipment. Identify who will operate each system and which interfaces need joint testing.

Site inputs

Floor plans, endpoint schedule, existing systems and growth allowance.

Clear scope

Include access control, public address and other ELV interfaces only where required.

REQUIREMENTS THAT MATTER

Structured cabling needs measurable acceptance

Specify copper and fibre around the endpoint and backbone requirements. Agree routes, racks, patching, identification and the test standard before installation.

Ask for evidence

Link-level test reports, fibre test scope, port labels and an as-built port schedule.

Check dependencies

Pathway capacity, separation, bend radius, rack access and device power requirements.

REQUIREMENTS THAT MATTER

Design CCTV for the security task

Define the required view and lighting for each location. Validate recording, retrieval, storage and network capacity using the agreed operating scenario.

Controlled access

Named operator roles, controlled remote access and agreed retention settings.

Test the scenario

Day/night views, sample playback, time synchronisation and agreed failure behaviour.

REQUIREMENTS THAT MATTER

Handover is part of the solution

Test physical-security and ELV workflows end to end. Agree interface responsibility, operator training, configuration backups and a documented support handover.

Acceptance pack

As-built drawings, asset list, configuration record and signed test results.

Operational readiness

Demonstrate door events, alarms or announcements where included in the agreed scope.

FROM REVIEW TO PROJECT SCOPE

Plan your ELV, cabling or security project

Bring the site location, floor plans, endpoint counts, existing systems and target handover date.

DISCUSS YOUR REQUIREMENTS

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Planning guidance, not a certification or a substitute for project-specific design. Applicable requirements and scope are agreed during assessment.