Enterprise network management

Design, installation and ongoing management of the network your systems depend on, from structured cabling in one office to secure links between branches.

CABLING & SWITCHING
Cat6 / Cat6A, fibre & PoE

ROUTING & WIFI
Cisco · Ubiquiti (UBNT) · TP-Link

CCTV & ACCESS
Hikvision & Dahua IP / NVR

MULTI-SITE LINKS
Encrypted VPN & WAN failover

Scope & deliverables

- **Structured cabling & racks:** Neat Cat6/Cat6A drops, fibre uplinks, patch panels, UPS sizing and labelled server cabinets.
- **Firewalls & VLAN separation:** Segmented staff, guest, camera, weighbridge and server networks with perimeter security.
- **Office & warehouse WiFi:** High-density roaming across floors, yards and cold-store loading bays without dead zones.
- **Multi-branch & cross-border VPN:** Encrypted site-to-site tunnels linking offices and warehouses in Pakistan and Dubai.
- **IP CCTV & door access:** Hikvision and Dahua camera coverage, H.265 NVR retention sizing and biometric door control.

When clients bring us in

- You are fitting out a new office, clinic, school, warehouse or retail branch from scratch.
- WiFi drops between rooms, patch racks are unlabelled, or a single ISP cut halts billing.
- Remote branches or Dubai/Pakistan offices need secure access to an on-premise server.

How an engagement runs

- **1. On-site survey.** Walk the floor plan, measure cable runs, check WiFi dead spots and locate rack/ISP entry points.
- **2. Design & bill of materials.** Provide topology diagrams, exact switch/AP/camera models, NVR sizing and itemised costs.
- **3. Install, label & test.** Run cabling, mount hardware, configure VLANs/VPNs and test failover and camera retention.
- **4. Documented handover or AMC.** Deliver full IP schedules and port labels, with optional ongoing link monitoring and AMC.

Typical network & surveillance setups we build and maintain

ENVIRONMENT	STANDARD ENGINEERING SCOPE
Office, clinic or retail branch	Desk drops, guest/staff VLANs, firewall, biometric access and IP cameras in one clean rack
Warehouse, cold store or plant	Long-range Ubiquiti (UBNT) WiFi for floor scanners, sensor/weighbridge VLANs and yard CCTV
Multi-branch & UAE-PK links	Dual-ISP automatic failover and encrypted site-to-site VPNs to central ERP and file servers
Handover pack	Port-by-port cable labels, rack layout diagram, WiFi heat check and admin credentials

Commercial terms & confidentiality

Physical installations begin with a site survey so the bill of materials is exact before you approve any hardware spend. Hardware and installation milestones are quoted transparently in writing.

Next step: Book a free network site assessment at umaish.com/assessment?assessment=network or use the WiFi/CCTV sizer at umaish.com/networks.

WhatsApp: +92 300 3997 063