DIAMOND
EGYPT NETWORKS

OFFICIAL DOSSIER 2026

ENTERPRISE HARDWARE & NETWORK INFRASTRUCTURE

Corporate Profile & Engineering Capabilities

Authorized supply, turnkey integration, and 24/7 mission-critical SLA maintenance for Enterprise Servers, Data Centers, Cisco Switching, Fortinet Perimeter Defense, IP CCTV, APC Industrial Power, and Certified Fiber Cabling across Egypt and the MENA region.

15+ Years of Industry Excellence	**500+** Enterprise Deployments	**2-Hour** Critical Cairo SLA Dispatch	**100%** Tier-1 Certified Hardware

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WHO WE ARE

About Diamond Egypt Networks

Diamond Egypt Networks is an established enterprise technology integration partner and certified hardware supplier operating in Cairo, Egypt. Over 15 years, our engineering divisions have designed, deployed, and safeguarded mission-critical IT infrastructure for financial institutions, governmental authorities, multinational corporations, data centers, and heavy industrial compounds.

Our Core Mission

Deliver fault-tolerant, high-performance IT foundations through authorized Tier-1 hardware sourcing, pristine structured cabling, airtight cyber security, and uncompromised on-site service level agreements (SLAs).

Turnkey EPC Delivery

From initial site survey and architectural CAD blueprints to hardware staging, firmware hardening, OTDR fiber certification, and round-the-clock preventative support.

OUR ENGINEERING TENETS

Zero Downtime Design

High-availability clustering (N+1, 2N) for compute, switching, firewalls, and power protection ensures 99.999% availability.

Direct Tier-1 Supply

Official partnerships with Dell, HPE, Cisco, Fortinet, APC Schneider, Hikvision, and CommScope guarantee genuine warranties.

Guaranteed SLAs

Cairo-based spare parts warehouse and certified on-site field engineers responding within 2 hours 24/7/365.

Certified Solution Architects in Cairo

Direct technical hotline: **+20 129 999 0597** • Free site surveys within 24 hours

ISO & SLA Aligned

ENTERPRISE HARDWARE PILLAR 01

Enterprise Servers & Data Center Infrastructure

High-density compute platforms engineered for virtualization, high-transaction enterprise databases, and continuous mission-critical computing.

Rack & Blade Server Supply

Authorized delivery of Dell PowerEdge (R760, R660, R860) and HPE ProLiant Gen11 (DL380, DL360) with Intel Xeon & AMD EPYC processors.

- ✓ Dual redundant Platinum/Titanium hot-swap power units
- ✓ ECC DDR5 memory & NVMe All-Flash storage arrays
- ✓ Dell iDRAC9 Enterprise & HPE iLO6 remote management

Virtualization & SAN Storage

Turnkey deployment of VMware vSphere, vSAN, Microsoft Hyper-V, and enterprise SAN storage (Dell PowerStore, HPE Alletra).

- ✓ High-Availability (HA) clustering with automated vMotion
- ✓ Veeam Enterprise bare-metal immutable backups
- ✓ Zero single-point-of-failure (SPOF) cluster design

ENTERPRISE HARDWARE PILLAR 02

Cisco & Enterprise Campus Networking

Resilient multi-gigabit campus switching, core routing, and high-density wireless infrastructure.

Domain	Supported Hardware Platforms	Architecture Highlights
Core & Aggregation	Cisco Catalyst 9500 / 9600, Nexus 9000	100GbE / 40GbE uplinks, redundant supervisors, StackWise-480
Access Switching	Cisco Catalyst 9200 / 9300, Aruba CX 6200	PoE+ / UPOE (60W-90W), 802.1X NAC port security, 10G SFP+
Enterprise Wireless	Cisco Catalyst 9100, Aruba AP-635	Wi-Fi 6 / 6E tri-band, seamless roaming, guest captive portals
SD-WAN & Routing	Cisco ISR 4000, Catalyst 8000 Series	Dynamic multi-path VPN, zero-touch provisioning, traffic shaping

ENTERPRISE HARDWARE PILLAR 03

Cyber Security & Next-Gen Firewalls (NGFW)

Airtight perimeter defense, threat intelligence, and encrypted tunnels safeguarding enterprise data boundaries.

Fortinet FortiGate Appliances

Full deployment of FG-60F, FG-100F, FG-200F, and FG-600F appliances powered by FortiGuard AI security services.

- ✓ Active-Passive & Active-Active HA zero-downtime failover
- ✓ Hardware-accelerated SSL/TLS deep packet inspection
- ✓ Automated Intrusion Prevention (IPS/IDS) CVE feeds

Zero Trust & Secure VPN

Enterprise site-to-site IPsec tunnels interconnecting regional branches and factories with headquarters.

- ✓ Client SSL VPN with multi-factor authentication (MFA)
- ✓ Zero Trust Network Access (ZTNA) application perimeters
- ✓ Sophos XGS & Cisco Firepower UTM integration

ENTERPRISE HARDWARE PILLAR 04

IP CCTV Surveillance & Biometric Access Control

Turnkey physical security, perimeter surveillance, and automated biometric identification systems.

Hikvision 4K IP CCTV

AcuSense human/vehicle classification, ColorVu 24/7 full-color low-light optics, and NVR storage sizing with WD Purple.

Biometric Turnstiles

ZKTeco face recognition terminals, speed gates, optical turnstiles, and automated time & attendance integration.

Milestone VMS

Centralized multi-site video management, AI video analytics, perimeter tripwire, and license plate recognition (LPR).

ENTERPRISE HARDWARE PILLAR 05

APC Schneider UPS & Industrial Power Systems

Uninterruptible clean power protection shielding server racks, network cores, and surgical data systems from blackouts and voltage sags.

APC Smart-UPS On-Line

Online double-conversion rack/tower units (1kVA to 20kVA) featuring pure sine wave output and zero transfer time.

- ✓ Hot-swappable modular battery packs (CSB / Long VRLA)
- ✓ Network Management Cards (AP9640/AP9641) for cloud SNMP
- ✓ EcoStruxure remote power analytics and automated shutdown

Data Center 3-Phase Systems

Schneider Electric Galaxy series (30kVA to 120kVA) for modular scalability and N+1 power redundancy.

- ✓ Rack Power Distribution Units (PDU) metered/switched
- ✓ NetBotz environmental sensors (temp, humidity, leak)
- ✓ Emergency battery maintenance and testing service

ENTERPRISE HARDWARE PILLAR 06

Structured Cabling & Certified Fiber Optic

End-to-end passive physical layer engineering delivering 10Gbps/40Gbps connectivity backed by 25-year performance warranties.

Cat6 / Cat6A Copper Infrastructure

High-grade LSZH copper cabling from Schneider Actassi, Legrand LCS3, and CommScope Systimax.

- ✓ 24/48-port high-density patch panels & keystone jacks
- ✓ Server rack cable management and aesthetic wire-dressing
- ✓ Fluke DSX-8000 Level 2G copper certification reports

Single & Multi-Mode Optical Fiber

OS2, OM3, and OM4 optical backbones connecting data centers, server rooms, and campus distribution nodes.

- ✓ High-precision core-alignment fusion splicing
- ✓ Rack-mount optical distribution frames (ODF) & patch cords
- ✓ Optical Time-Domain Reflectometer (OTDR) loss testing

DIAMOND
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YOUR TRUSTED INFRASTRUCTURE PARTNER

Let's Engineer Your IT Foundation

Whether you require high-density server rack deployment, a certified fiber optic backbone, next-generation firewall hardening, or a 24/7 SLA maintenance contract, our solution architects are ready to assist with rapid on-site surveys across Egypt.

COMPANY HEADQUARTERS

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