elegancia
data center
Powering the Future of
Digital Infrastructure
Profile 2026
A subsidiary of
Estithmar
Holding
استثمار القابضة

Estithmar Holding استثمار القابضة

4 Groups

HEALTHCARE | SERVICES | VENTURES | CONTRACTING & INDUSTRIES

elegancia data center

Apex Health

THE VIEW HOSPITAL
KOREAN MEDICAL CENTER
EWS - MEDICAL SERVICES CONSULTANCY
ALGERIAN QATARI GERMAN HOSPITAL
BAGHDAD INTERNATIONAL HOSPITAL

elegancia services

CATERING
FACILITIES MANAGEMENT
RESOURCES
GABRO
MARINE
ARABIA LIMITED

Estithmar ventures

AL MAHA ISLAND
MAYSAN DOHA
KATARA HILLS
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elegancia contracting & industries

MEP
LANDSCAPE
CONTRACTING
KITCHENS
CESCO
DATA CENTER
WATER SOLUTIONS
SWITCHGEARS
STEEL
JOINERY
STONES
ARABIA TRADING
MECHANICAL ENGINEERING - KSA

elegancia
data center

Elegancia Data Center delivers cutting-edge data center solutions designed to meet today's digital demands. With extensive expertise in design, construction, and facility management, we offer trustworthy, innovative, and secure infrastructures to diverse sectors. From modular builds to mission-critical operations, our skilled experts ensure seamless execution and 24/7 operational support. Power your digital future with Elegancia Data Center's commitment to innovation and performance.

A subsidiary of
Estithmar Holding استثمار القابضة

+17
Years of Experience

+300
Employee

+20,000 sqm
of Major Data Centers construction

Elegancia Data Center is a Subsidiary of Estithmar Holding

Elegancia Data Center is specialized in the design, construction, operation and maintenance of data centers, irrespective of their typology (onsite, colocation, edge, and cloud), build (traditional or modular), capacity and Tier rating.

Purpose

To add value to the society for a better lifestyle

Vision

Creating a brighter future from Qatar to the world

Mission

We add exceptional value to our customers through the skills and knowledge of our employees

Values

Leadership

Quality

Agility

Boldness

Guiding Principles

Preserve Corporate Reputation

Develop Future Leaders

Promote Innovation

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Sustainability

At Elegancia Data Center, sustainability is built into the foundation of every project we design, construct, and maintain. By integrating high-efficiency systems and intelligent infrastructure across mechanical, electrical, and ELV works, we reduce environmental impact while maximizing performance and uptime.

In construction, our use of energy-efficient cooling solutions—such as air- and water-cooled chillers, underfloor cooling, and variable refrigerant systems—ensures optimal thermal performance with minimal energy waste. Advanced firefighting and suppression systems like FM200, NOVEC, and VESDA safeguard infrastructure while supporting environmental standards.

Our electrical systems are engineered for resilience and sustainability, from MV / LV power infrastructure to UPS systems and intelligent lighting controls. Meanwhile, smart ELV solutions—such as BMS, SCADA, and intelligent monitoring—enable real-time optimization of energy use, security, and system performance.

Whether designing Tier-compliant facilities or managing live operational data centers, Elegancia Data Center is committed to delivering future-ready, sustainable digital infrastructure that meets the evolving needs of clients as well as the planet.

Our Expertise

Elegancia Data Center Services (EDCS) specializes in the construction, expansion, O&M, and Facility Management of data centers. Our end-to-end approach encompasses every phase of the project lifecycle from design support, value engineering, and planning to execution and comprehensive facility management, including both hard and soft services. EDCS is constantly attentive to clients' concerns and is committed to delivering high-availability environments that align with Uptime Institute's Tier III standards. We tailor our solutions to meet the specific operational requirements of diverse tenants, including ministries, financial institutions, and cloud service providers.

Our team remains at the forefront of industry advancements, continuously evolving our practices to incorporate emerging technologies in the following key areas: -

- Data Center Systems Design Support
- Data Center Project Management
- Equipment Procurement
- Field Supervision
- Testing and Commissioning
- DLP Management
- Warranty Management
- Asset Management
- Operation and Maintenance
- Computerized Facility Management

- Cold aisle containments and hot aisle containment (CAC & HAC)
- Computer room air conditioning (CRAC)
- Diesel rotary uninterruptible power supply (DRUPS)
- Uninterruptible power supply (UPS)
- Water leak detection system
- Intelligent power monitoring infrastructure
- CCTV and access control system
- High pressure water mist system
- Automatic fire detection and alarm system
- Perimeter detection system
- Building management system (BMS)
- Supervisory control and data acquisition (SCADA)
- Very early smoke detection apparatus (VESDA®)
- Chillers
- Chilled water network system

Our Services

DATA CENTER CONSTRUCTION

DATA CENTER FACILITIES MANAGEMENT

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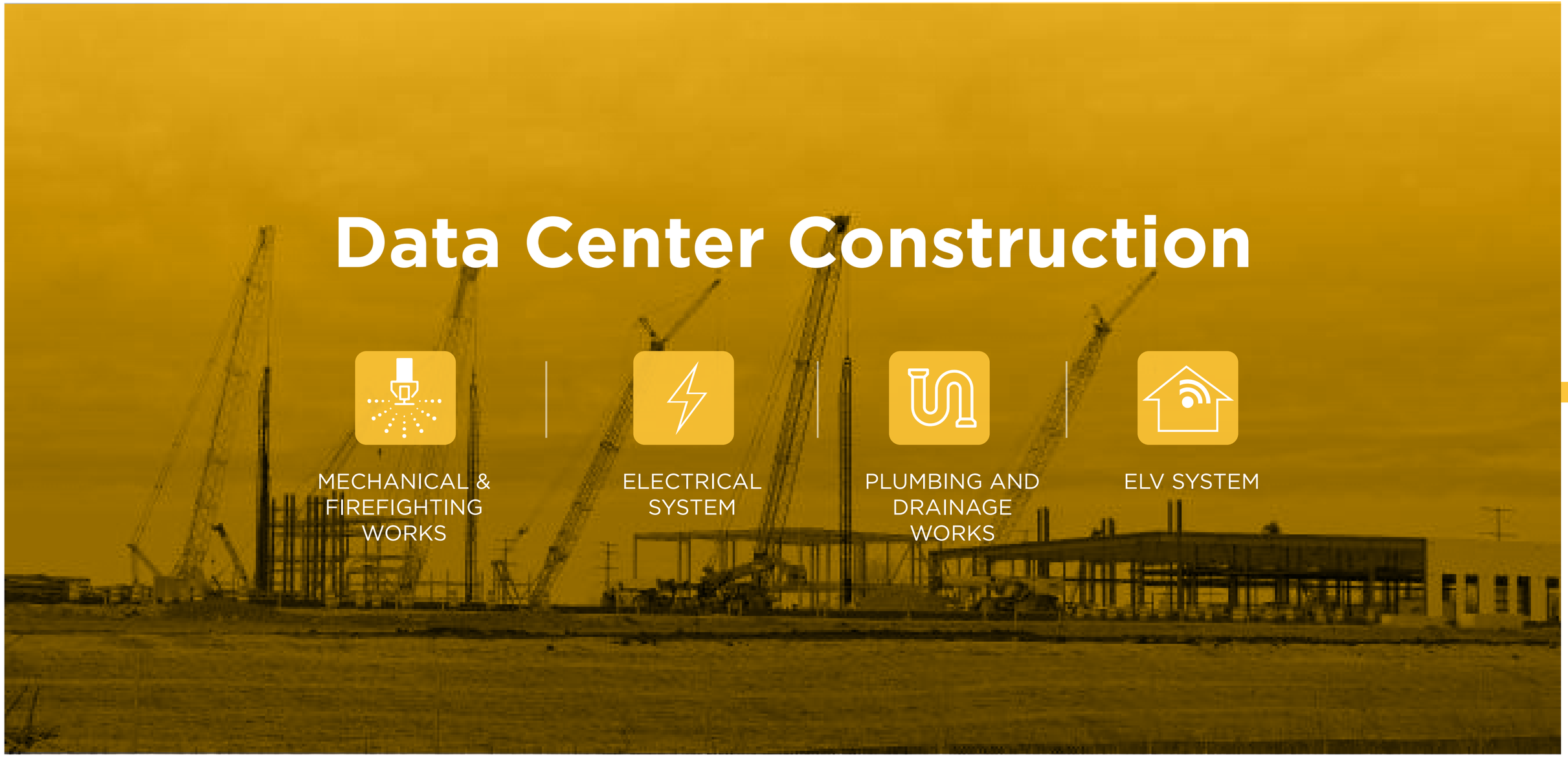


Data Center Construction

MECHANICAL & FIREFIGHTING WORKS

ELECTRICAL SYSTEM

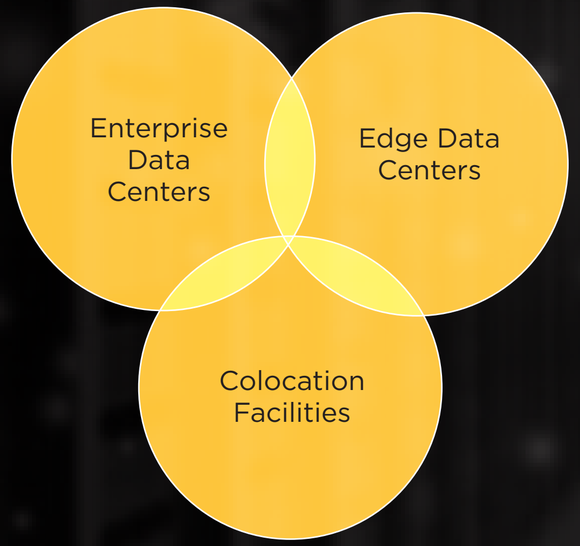
PLUMBING AND DRAINAGE WORKS

ELV SYSTEM

Key Capabilities

EDCS is specialized in the design, development, and turnkey construction of advanced data center facilities, tailored to meet the ever-growing demand for secure, high-performance digital infrastructure. With a focus on scalability, energy efficiency, and resilience, we deliver world-class data centers that adhere to international standards and client-specific requirements.

TYPES OF FACILITIES:



01 DESIGN & ENGINEERING

Customized architectural and MEP (mechanical, electrical, and plumbing) design based on uptime Tier I–IV specifications, Uptime Institute certifications, and LEED standards.

02 PROJECT MANAGEMENT

End-to-end project lifecycle management including feasibility studies, budgeting, scheduling, and risk mitigation

03 CONSTRUCTION & COMMISSIONING

Civil, structural, and interior works along with mission-critical system integration (UPS, CRAC, fire suppression, BMS, etc.), including Testing & commissioning level I-V

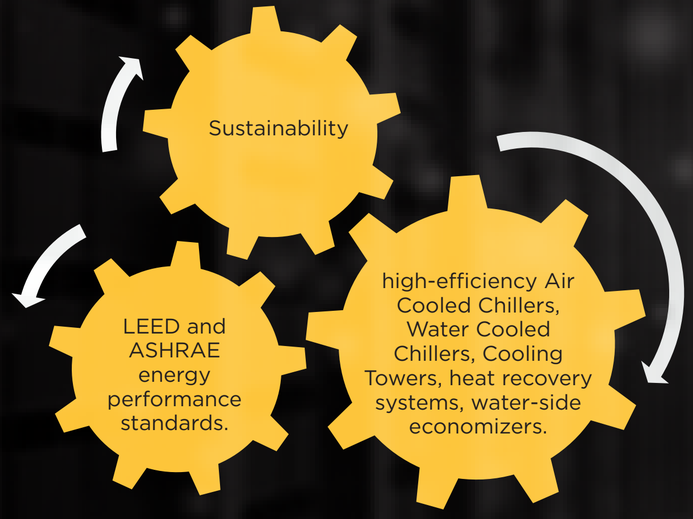
04 REDUNDANCY & RELIABILITY

Implementation of N+1, 2N, and 2N+1 infrastructure designs to ensure high availability and fault tolerance

05 SECURITY & COMPLIANCE

Incorporation of layered physical security, biometric access control, and compliance with industry standards

Mechanical & Firefighting works



01 COOLING INFRASTRUCTURE

CRAC/CRAH units, chilled water systems, direct expansion (DX) systems, and in-row cooling.
Free Cooling, Liquid Cooling, Liquid-to-Liquid cooling, Direct-to-Chip Cooling (AI requirement)

02 HVAC SYSTEM DESIGN

Heating, Ventilation, and Air Conditioning (HVAC), Air Handling Units, Fan Coil Units, CCUs, Split units, Chilled Water Piping System, Chemical Dosing System, Fuel Oil System.

03 REDUNDANCY & RESILIENCE

Deployment of N+1, 2N, and 2N+1 configurations for critical mechanical systems to ensure fault tolerance and uninterrupted cooling

04 MONITORING & CONTROL

Building Management Systems (BMS), IoT-based sensors , AI-driven analytics

05 FIRE SUPPRESSION & SAFETY

Clean agent fire suppression systems , FM200, NOVEC 1230, VESDA systems

Electrical System

01 POWER DISTRIBUTION DESIGN

Medium and Low Voltage (MV/LV), Power distribution systems, Main switchgear, Power panels, PDU (Power Distribution Units), Redundant power paths (N+1, 2N, and 2N+1) Static Transfer Switches (STS)

02 DIESEL GENERATOR

Diesel generators with automatic transfer switches (ATS), Emission and environmental standards

03 UNINTERRUPTIBLE POWER SUPPLY (UPS)

Modular or centralized UPS systems, Battery monitoring system, Intelligent UPS monitoring and load management

04 EARTHING & BONDING

Dedicated Earthing systems

05 LIGHTING & EMERGENCY POWER

Energy-efficient LED Lighting systems, Emergency Lighting and Exit signs

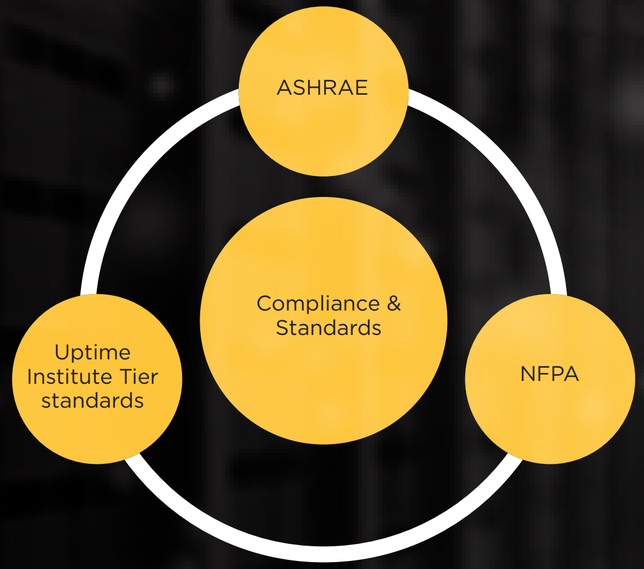
06 MONITORING & AUTOMATION

Power Monitoring Systems (PMS), Building Management Systems (BMS), SCADA and PLC-based automation

07 ENERGY EFFICIENCY & SUSTAINABILITY

High-Efficiency Transformers (K-rated), Harmonic Filters, Power Factor Correction Units

Plumbing & Drainage Works



01 WATER SUPPLY & DISTRIBUTION

Pressurized cold-water systems for cooling infrastructure, humidification, make-up water lines for chilled water systems, evaporative cooling towers, and humidifiers corrosion-resistant piping materials

02 DRAINAGE SYSTEMS

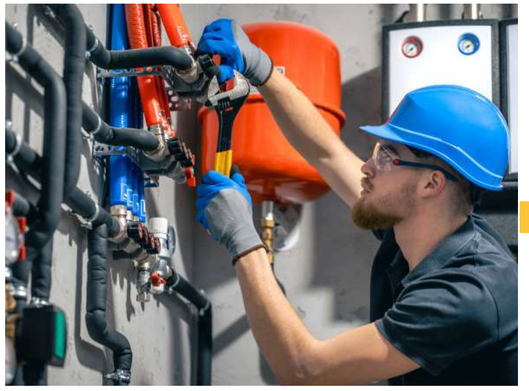
Internal and external drainage networks drainage lines for HVAC condensate, cooling tower overflows, and equipment blowdowns Emergency drainage systems

03 LEAK DETECTION & WATER MANAGEMENT

Intelligent leak detection systems drip trays, sump pumps, and secondary containment

04 RAINWATER MANAGEMENT

Design of roof drainage and stormwater systems, rainwater harvesting Separation of stormwater and wastewater systems



ELV System

- IP-based surveillance systems
- Intelligent video analytics, motion detection, and remote access.
- Storage solutions with RAID protection and redundancy.

CCTV SURVEILLANCE SYSTEMS

FIRE DETECTION & ALARM SYSTEMS

- Early-warning fire detection systems, VESDA, Addressable smoke detectors
- Fire suppression systems, Emergency shutdown procedures

- Networked PA/GA (Public Address/ General Alarm) systems.
- Automated voice messaging during alarms and alerts, integrated with fire detection systems

PUBLIC ADDRESS AND VOICE EVACUATION

BMS AND DCIM INTEGRATION

- Integration of ELV systems with Building Management Systems (BMS) and Data Center Infrastructure Management (DCIM) platforms.
- Centralized dashboard for real-time monitoring of ELV subsystems and facility status.

- Motion sensors, door contact sensors, and barrier control systems Remote access control and alarm notification capabilities.

INTRUSION DETECTION & PERIMETER SECURITY

STRUCTURED CABLING SYSTEMS

- Fiber optic and copper cabling for data, voice, and video networks.
- Implementation of data cabling management in raised floors, overhead trays, and containment systems (hot/ cold aisle). Certification of cabling infrastructure to meet TIA/EIA and ISO/ IEC standards

- Deployment of multi-layered access control systems including biometric readers, card access, and facial recognition. Zoned security with rack-level access control in high-security areas. Integration with centralized monitoring for real-time logging and event response.

ACCESS CONTROL & SECURITY SYSTEMS

Data Center Facilities Management

COMPUTER AIDED FACILITIES MANAGEMENT

HELPDESK SERVICE

Data Center Facilities Management Services

WHY CHOOSE US:

Proven track record in managing high-availability data centers with 99.999% uptime.

Certified FM team with expertise in Uptime Institute and ISO.
Custom FM models for colocation, enterprise, and hyperscale environments.

Data Center Facilities Management

- Planned Preventive Maintenance
- Corrective Maintenance Support 24/7
- Predictive Maintenance
- Computerized Facilities Management System (CAFM)
- 24/7 BMS Monitoring and Controlling
- Intelligent Power Strip Configuration
- Asset Management
- DLP Management
- Warranty Management
- Additional Work Support
- Shifting of IT Cabinets and Racks, Masonry, Carpentry, Painting and Fit-out works
- Specialist Subcontractor Management
- Energy Management
- Chiller plant Operation and Maintenance
- Spare parts & Consumable Management
- Electrical, HVAC, ELV, Life safety, Security, Plumbing and Drainage system operation & maintenance
- Property Environment, Health & Safety Management

Preventive Maintenance

A robust Planned Preventive Maintenance (PPM) program significantly reduces system failures, as unscheduled outages occur three times more often in systems that lack regular maintenance. PPM allows for planned, controlled downtime, avoiding unexpected disruptions. At Elegancia Data Center, all maintenance is strictly performed according to manufacturer guidelines, O&M manuals, SFG-20 standards, and relevant national and international regulations.

Corrective Maintenance

The corrective maintenance covers both palliative operations (troubleshooting) and corrective operations (repair) on the installations.

The management of corrective maintenance is based on the following principles:

- Rapid and functional intervention
- Compliance with response time
- Study of the failure
- Cause analysis
- Availability of the critical equipment
- Improvement proposal

Computer Aided Facilities Management (CAFM)

Aligned with our commitment to effective deployment, our CAFM system offers a centralized, web-accessible platform that integrates all facilities and maintenance activities into a single, cohesive solution. It ensures secure and seamless information flow across locations, teams, operations, and projects

Thanks to our experience in deploying CAFM software workflows, our clients gain the ability to easily track locations, assets and personnel by analyzing the processes, costs and efforts required for optimal operations, utilization, maintenance, improvements, service delivery and expenditures.

Key features of our CAFM systems are:

- Help Desk
- Work Planner
- Asset Tracking and Management
- Maintenance Management
- Stock Control
- Document Control
- Reporting
- Live Dashboard
- Performance Management
- Room and Resource Booking
- Mobile workforce Management
- Property Management

Helpdesk Service

As part of our commitment to operational excellence, EDCS provides a 24/7 Help Desk service accessible via email, landline, and web interface. Serving as a centralized hub for all Facility Management (FM) data and communication, the Help Desk acts as a single point of contact for logging reactive maintenance requests, submitting general FM inquiries, or reporting issues related to performance, security, and other critical systems within MEEZA's data center facilities.

Integrated within the CAFM platform, the Help Desk system enables seamless request logging, tracking, escalation, and reporting. Authorized users can access the system via the web for real-time monitoring and accurate SLA performance tracking. Upon receipt of a request through the CAFM web portal, the system automatically generates an acknowledgment and assigns a unique reference ID. For requests received via email or phone, Help Desk operators manually log the information to ensure consistent service and response.

helpdesk-edcs@eleganciagroup.com
+974 4429 2222
CAFM Web

Our Projects

Major Projects

MEEZA VAULT -1 DATA CENTER

Scope	:	Civil & Electromechanical works
Duration	:	2008 – 2010
Area	:	5,000 M2
Property Owner	:	Meeza – Qatar Foundation
Project Management	:	Arup – Astad

MEEZA VAULT -2 DATA CENTER UPGRADATION

Scope	:	Civil & Electromechanical upgradation works
Duration	:	2020 – 2022
Area	:	4,000 M2
Client	:	Meeza
Consultant	:	QDC

Major Projects

ICT DATA CENTERS FOR MSHEIREB

Scope	:	Design, Civil & Electromechanical works
Duration	:	2017 – 2020
Area	:	1,200 M2
Property Owner	:	Msheireb Downtown
Client	:	Meeza

DOHA EXHIBITION AND CONVENTION CENTER

Scope	:	Civil & Electromechanical works
Duration	:	2011 – 2015
Area	:	1,500 M2
Property Owner	:	Qatar Tourism Authority (QTA)
Client	:	Qatari Diar (QD)
Main Contractor	:	Six Construct Midmac JV (SMJV)

Major Facilities Management Projects

MEEZA VAULT -1 DATA CENTER

Scope	:	Facilities Management Services
Duration	:	2009 – Ongoing
Area	:	5,000 M2
Client	:	Meeza – QSTP
Load	:	1 MW

MEEZA VAULT -2 DATA CENTER

Scope	:	Facilities Management Services
Duration	:	2012 – Ongoing
Area	:	12,500 M2
Client	:	Meeza – QSTP
Load	:	6 MW

Major Facilities Management Projects

MEEZA VAULT -2 DATA CENTER EXTENSION

Scope	:	Facilities Management Services
Duration	:	2021 – Ongoing
Area	:	3,000 M2
Client	:	Meeza – QSTP
Load	:	1 MW

MEEZA VAULT -3 DATA CENTER

Scope	:	Facilities Management Services
Duration	:	2011 – Ongoing
Area	:	7,000 M2
Client	:	Meeza – QSTP
Load	:	1 MW

Major Facilities Management Projects

MEEZA VAULT -4 DATA CENTER

Scope	:	Facilities Management Services
Duration	:	2021 – Ongoing
Area	:	10,000 M2
Client	:	Meeza – QSTP
Load	:	4 x 4 MW

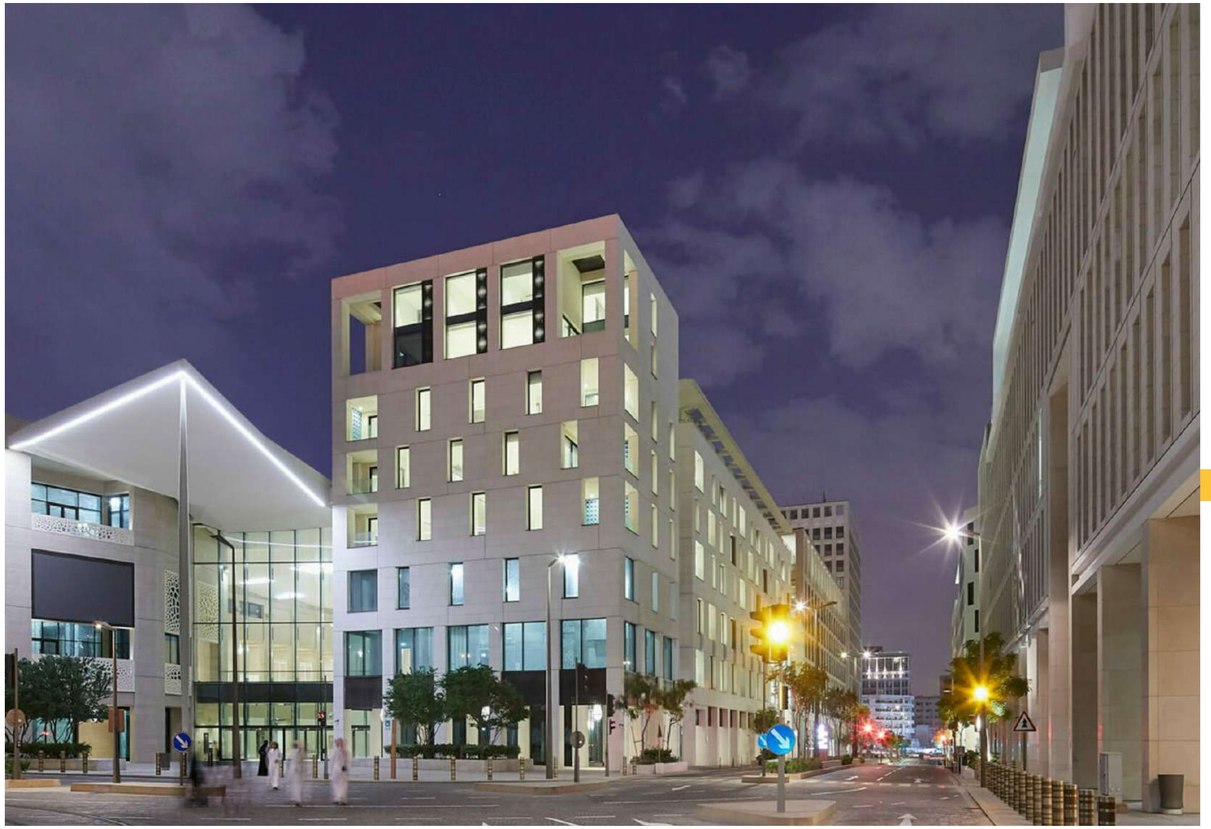
MEEZA VAULT -5 DATA CENTER

Scope	:	Facilities Management Services
Duration	:	2022 – Ongoing
Area	:	2,000 M2
Client	:	Meeza – QSTP
Load	:	1 MW

Major Facilities Management Projects

DOHA EXHIBITION AND CONVENTION CENTER – COMMAND CONTROL CENTER

Scope	:	Facilities Management Services
Duration	:	2015 – 2021
Area	:	1,500 M2
Main Contractor	:	Mace-Macro
Client	:	Venue Pro Management (VPM)
Load	:	500 KW



ICT DATA CENTERS FOR MSHEIREB

Scope	:	Facilities Management Services
Duration	:	2019 – 2020
Area	:	1,200 M2
Property Owner	:	Msheireb Downtown
Project Management	:	Meeza
Load	:	500 KW

Certification & Membership

وزارة الماليـــــــــة
Ministry of Finance
State of Qatar • دولـــة قطـــر

TÜVNORD

Uptime Institute®

ISO Certification

ISO 9001:2015 - ISO 14001:2015 - ISO 45001:2018

TÜVNORD

CERTIFICATE

Management system as per
ISO 9001 : 2015

The Certification Body TÜV NORD CERT GmbH hereby confirms as a result of the audit, assessment and certification decision according to ISO/IEC 17021-1:2015, that the organization

ELEGANCIA DATA CENTER SERVICES
The Eighteen Tower, Building No.230,
Street 303, Zone 69,Lusail City,
PO Box 3988 / Doha,
Qatar

elegancia data center

operates a management system in accordance with the requirements of ISO 9001 : 2015 and will be assessed for conformity within the 3 year term of validity of the certificate.

Scope

DELIVERY OF MECHANICAL, ELECTRICAL, PLUMBING (MEP) & ELV WORKS & FACILITIES MANAGEMENT (FM) SERVICES FOR DATA CENTERS.

Certificate Registration No. 44 100 23658620
Audit Report No. ER-0203 / 2024

Valid from 2024-06-24
Valid until 2027-06-23
Initial certification 2021

Certification Body
at TÜV NORD CERT GmbH

Cairo, 2024-06-10

TÜV NORD CERT GmbH Am TÜV 1 45307 Essen www.tuev-nord-cert.com

IAF DAkkS

TÜVNORD

CERTIFICATE

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ISO 14001 : 2015

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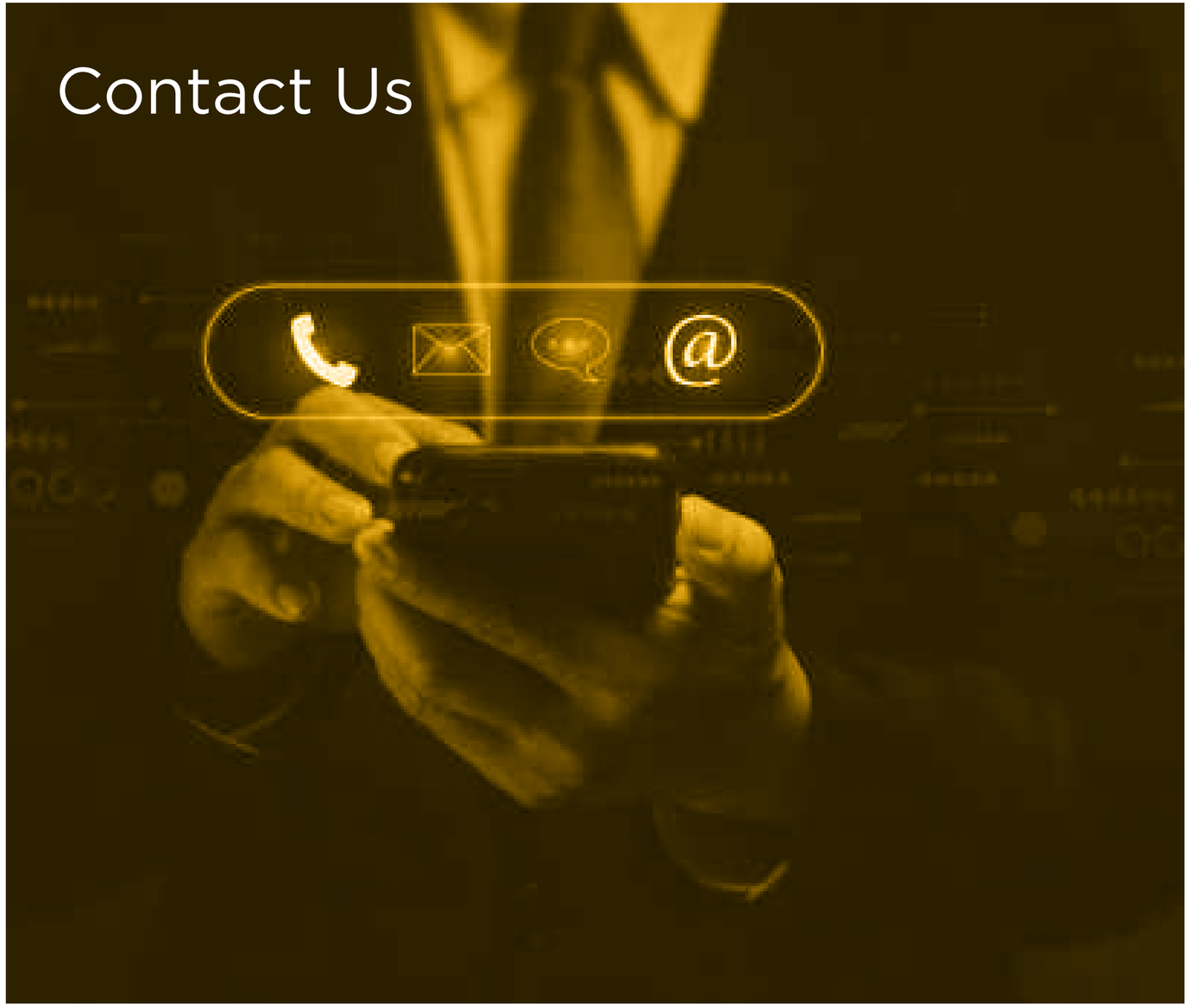
Our Partners

Contact Us



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