



DATA CENTRE HOSTING FACILITY



Dubai International
Financial Centre



An Advanced Ict Platform

The DIFC's world-class IT infrastructure serves the business requirements of global and regional companies within its diversified community.

Our aim is to provide a resilient and dynamic infrastructure to eliminate and mitigate risks whilst providing maximum uptime.

DIFC has therefore, built four state-of-the-art data centres within the DIFC campus, offering hosting services tailored specifically to its prestigious financial and business requirements.

Each data centre provides a minimum N+1 redundancy for each cabinet, delivering high levels of availability to its customers.





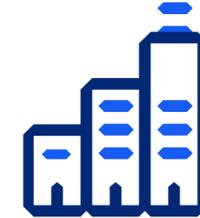
DIFC has been awarded the “Best Data Centre Deployment in the Region” and “Best Network Infrastructure Implementation” awards.



DIFC customers can connect to the DIFC Data Centre through two completely diversified routes for higher redundancy.



DIFC Data Centre is designed with full flexibility and scalability and customers can host a different number of cabinets, starting from one single cabinet up to 70 cabinets in a secure and private cage.



DIFC Data Centre has provided the highest available service with more than 99.999% uptime since the Centre’s establishment in 2004.



DIFC customers can cross-connect to international news feeders such as Bloomberg and Thomson Reuters using direct connectivity with competitive prices.



DIFC customers can connect to the DIFC Data Centre from anywhere around the DIFC campus using dedicated fiber as the most cost-effective option with lowest possible latency.



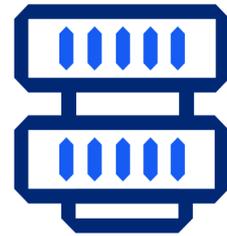
DIFC Data Centre customers can avail the benefit of competitive international leased line connectivity prices, with up to 50% discount compared to the standard rate.



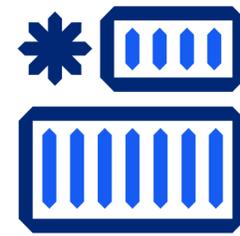
Companies at DIFC enjoy advanced data centre infrastructure along with superior facilities, including but not limited to:



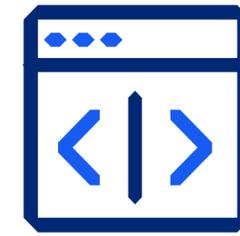
Redundant Telecommunication Service Providers (Du and Etisalat)



Dedicated Substation Transformer



Redundant Backup Generator, UPS & Cooling systems



Two Diversified Telecom Entries to the Data Centre



24x7x365 Physical Security Presence



CCTV, Biometric and Access Reader System



Dedicated BMS Room Facility



Advanced Energy Monitoring System up to the power socket level



International Certifications



DIFC Data Centre is the first in the UAE to receive a certification for Management & Operation (M&O) by Uptime Institute – one of the most widely-recognised institutes for Data Centre Certification.

The M&O Stamp of Approval is a standalone assessment of site execution that validates the critical facilities management and operations practices of an existing data centre. It demonstrates the organisation's leadership capabilities and provides third-party assurance that the DIFC site satisfies industry-recognised criteria, proven to reduce risk and support reliable 24x7 uptime performance, regardless of the underlying design and infrastructure.



DIFC Data Centres have been certified as ISO 27001 compliant, providing assurance to clients that their information is securely hosted within the facility. ISO 27001 systematically examines the organisation's information security risks, taking into account the threats, vulnerabilities, and impact, while ensuring that information security needs are fulfilled on a continuous basis, as per best practices and international standards.

DC-Suite

©DC-Suite is a unique site assessment and selection tool that provides in-depth insight into data centre facilities, from the physical location and infrastructure to the operations, maintenance and contractual elements. ©DC-Suite reviews up to 185 attributes within 9 modules, to provide certification level ranging from -1 to 4+.



Who Are Our Clients

Top banks and financial institutions from across Asia, Europe and the United States host their IT equipment and data in the DIFC Data Centre.

In addition, our impressive clientele includes leading law firms, renowned international financial newswires, and reputable international and regional telecommunications service providers.





About

Dubai International Financial Centre is the onshore finance and business hub connecting the region to the world and the world to the region, with more than 1000 international financial customers. DIFC understands the business criticality and the high availability of services required by the top-notch international customers operating in the centre.

DIFC has constructed four state-of-the-art colocation Data Centers to meet the needs of the customers. They are designed and built with high resiliency & high availability levels. All the four data centres are connected to each other through ring connections with the two local service providers (Du & Etisalat) MMR existing inside each Data Centre.

In addition to that, DIFC owns a resilience IT infrastructure duct network with minimum two diverse entry points to each building within the DIFC City.

Customers can use DIFC duct network from their offices within DIFC to any of the four data centres. Moreover, customers can obtain direct connection to international financial news feeders such as Bloomberg services through cross-connection with best competitive prices. DIFC has won the best Data Centre deployment and the best infrastructure network awards in the region and in the Middle East since 2008 and 2009.

Location

DIFC Dubai, United Arab Emirates	
From Airports	13min (14.1km) to Dubai International Airport

Square Footage Breakdown

Gross	2,960 ft ² (275m ²)
Colocation Area	1,151 ft ² (107m ²)
Total Number of Racks	47 Racks

Power

Electrical Capacity	Up to 2.2 KW per cabinet, higher capacity at request
UPS Topology	Distributed Redundant
# Utility Feeders	1 incoming feed
# of Power Transformers	1 Transformer
Utility Supply	1.5 MW
Standby Power	2 x 1.2 MW generators in N+1 arrangement with 63 Hours on-site fuel autonomy, refillable during use and supported by a 24 hour contact

Cooling

Cooling Capacity	1.4 KW/M ²
Cooling Plant	Chillers + DX (N+ 1)

Location Orientation

7min (3km) to Trade Center
7min (2.9km) to Burj Khalifa

Security

Physical	Single entrance and mantrap
Human	24x7 security guards
Electronic	24x7 monitoring digital CCTV, Access Control Systems ID access and intruder alarm

Building

Building Type	Concrete cast in situ reinforced structure skeleton
Floor Load Capacity	The ground floor
Floor Type	Anti-static 600mm x 600mm
Raised floor Height	600mm

Significant building dates

ERI Constructed	2004
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Fire Protection

Fire Suppression	Multiple zoned aspiration system, addressable analogue point detection system, gas based suppression system with localized operation
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Location

DIFC Dubai, United Arab Emirates	
From Airports	13min (14.1km) to Dubai International Airport

Square Footage Breakdown

Gross	3,906 ft ² (270m ²)
Colocation Area	1,173 ft ² (109m ²)
Total Number of Racks	64 Racks

Power

Electrical Capacity	Up to 2.2 KW per cabinet, higher capacity can be arranged upon request and subject to availability
UPS Topology	Distributed Redundant
# Utility Feeders	1 incoming feed
# Of Power Transformers	1 Transformer
Utility Supply	1.5 MW
Standby Power	2 x 1.2 MW generators in N+1 arrangement with 63 Hours on-site fuel autonomy, refillable during use and supported by a 24 hour contact

Cooling

Cooling Capacity	1.4 KW/M ²
Cooling Plant	Chillers + DX (N+ 1)

Location Orientation

7min (3km) to Trade Center 7min (2.9km) to Burj Khalifa
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Security

Physical	Single entrance and mantrap
Human	24x7 security guards
Electronic	24x7 monitoring digital CCTV, Access Control Systems ID access and intruder alarm

Building

Building Type	Concrete cast in situ reinforced structure skeleton
Floor Load Capacity	The ground floor
Floor Type	Anti-static 600mm x 600mm
Raised Floor Height	600 mm

Significant Building Date

ER2 Constructed	2004
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Fire Protection

Fire Suppression	Multiple zoned aspiration system, addressable analogue point detection system, gas based suppression system with localized operation
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Location

DIFC Dubai, United Arab Emirates	
From Airports	13min (14.1km) to Dubai International Airport

Square Footage Breakdown

Gross	3,230 ft ² (300m ²)
Colocation Area	1,915 ft ² (178m ²)
Total Number of Racks	60 Racks

Power

Electrical Capacity	Up to 2.5 KW per cabinet, higher capacity can be arranged upon request
UPS Topology	Distributed Redundant
# Utility Feeders	1 incoming feed
# Of Power Transformers	1 Transformer
Utility Supply	1.5 MW
Standby Power	350 KVA generators in N arrangement with 27 Hours on-site fuel autonomy, refillable during use and supported by a 24 hour contact

Cooling

Cooling Capacity	1.35 KW/M ²
Cooling Plant	Chillers + DX (N+1)

Location Orientation

7min (3km) to Trade Center
7min (2.9km) to Burj Khalifa

Security

Physical	Single entrance and mantrap
Human	24x7 security guards
Electronic	24x7 monitoring digital CCTV, Access Control Systems ID access and intruder alarm

Building

Building Type	Concrete cast in situ reinforced structure skeleton
Floor Load Capacity	The ground floor
Floor Type	Anti-static 600mm x 600mm
Raised floor Height	500 mm

Significant Building Date

ER3 Constructed	2006
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Fire Protection

Fire Suppression	Multiple zoned aspiration system, addressable analogue point detection system, gas based suppression system with localized operation
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Location

DIFC Dubai, United Arab Emirates	
From Airports	13min (14.1km) to Dubai International Airport
Location Orientation	7min (3km) to Trade Center 7min (2.9km) to Burj Khalifa

Square Footage Breakdown

Gross	10,225 ft ² (950m ²)
Colocation Area	6350 ft ² (590m ²)
Total Number of Racks	194 Racks



Power

Electrical Capacity	Up to 3.75 KW per cabinet, higher capacity can be arranged upon request
UPS Topology	Distributed Redundant (N+1) Configuration
# Utility Feeders	Incoming feeder with RMU Connection
# Of Power Transformers	1 Dedicated Transformer
Utility Supply	1.5 MW
Standby Power	1.8 MW Dedicated Generator with 72 Hours on-site fuel autonomy plus hookup for 2nd mobile generator

Cooling

Cooling Capacity	≥ 1 kW/ M ²
Cooling Plant	CCU DX units with n+1 redundant configuration setup

Cages

Each customer's equipment will be surrounded by a dedicated metal mesh cage

Security

Physical	Single entrance and mantrap
Human	24x7 security guards
Electronic	24x7 monitoring digital CCTV, biometric fingerprint, Access card system

Building

Building Type	Concrete cast in situ reinforced structure skeleton
Floor Load Capacity	Post tension slab with 20kn/m ² live load
Floor Type	Anti- static 600mm x 600mm
Raised floor Height	500 mm

Significant Building Date

ER4 Constructed	2008
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Fire Protection

Fire Suppression	Multiple zoned aspiration system, addressable analogue point detection system, Inergen gas based suppression system with localized operation
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For further information,
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