

Driving Innovation

Data Centres

**The
future
is here.**

About DIFC

Strategically located in Dubai, and connected to many of the world's fastest-growing economies, DIFC is one of the world's most advanced business centres, and the leading financial hub for the Middle East, Africa and South Asia (MEASA) region.

Having recently celebrated its 20th anniversary, DIFC continues to go from strength-to-strength with combined 2023 revenues growing at their fastest levels since inception, and total assets up 18 per cent year-on-year. Capitalising on its 26 per cent year-on-year growth in active companies, DIFC continues to redefine growth while driving the future of finance.

An advanced ICT platform

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

By providing a resilient and dynamic infrastructure, DIFC's ICT platforms mitigate and eliminate risks, while providing maximum uptime. As part of its ongoing commitment to extend the highest standard to its community, DIFC has built four, state-of-the-art data centres within the campus, offering hosting services tailored specifically to financial and business requirements.

Each data centre provides a minimum N+1 redundancy for each cabinet, while delivering high levels of system availability and performance.

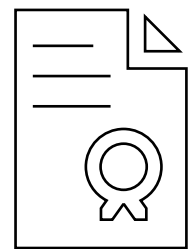
DIFC Data Centre is TCOS Gold-certified

In addition to its awards, which include «Best Data Centre Deployment» and «Best Network Infrastructure Implementation», DIFC Data Centre is Gold-certified by Uptime Institute's Tier Certification of Operational Sustainability (TCOS).

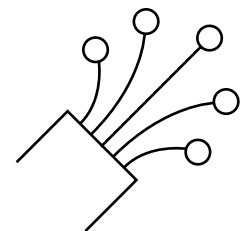
By providing advanced infrastructure solutions that better serve the community's business requirements, DIFC offers cost-effective, dark fiber access, while ensuring a consistent level of service with more than 99.999 per cent uptime since the Centre's establishment in 2004.

DIFC companies also benefit from its four, state-of-the-art colocation data centres through two complete, diversified routes for higher redundancy, while benefitting from high resiliency and availability levels. For additional security, DIFC data centres utilise Multi-Machine Replication (MMR) with both local service providers, namely du and Etisalat.

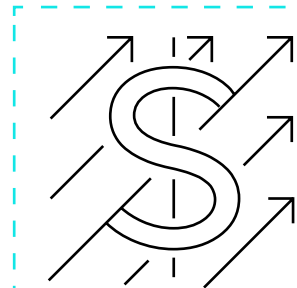
Why choose a DIFC Data Centre?



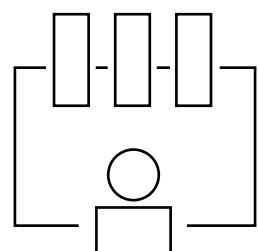
DIFC has received awards for «**Best Data Centre Deployment in the Region**» and «**Best Network Infrastructure Implementation**».



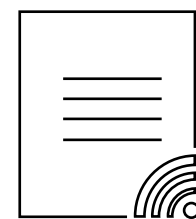
Clients can connect to the DIFC Data Centre from anywhere in DIFC using its **dedicated fiber cable network**, as the most **cost-effective** option, with **lowest possible latency**.



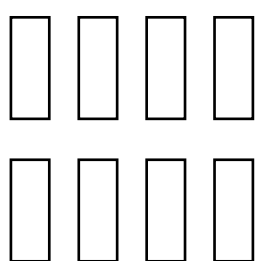
DIFC Data Centre customers can avail the benefit of competitive, international leased line connectivity prices, with up to **50 per cent off the standard rate**.



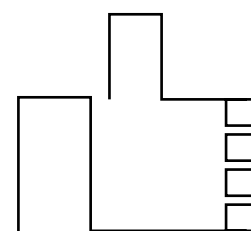
DIFC customers can **connect to the data centres** through two, diversified routes for higher redundancy.



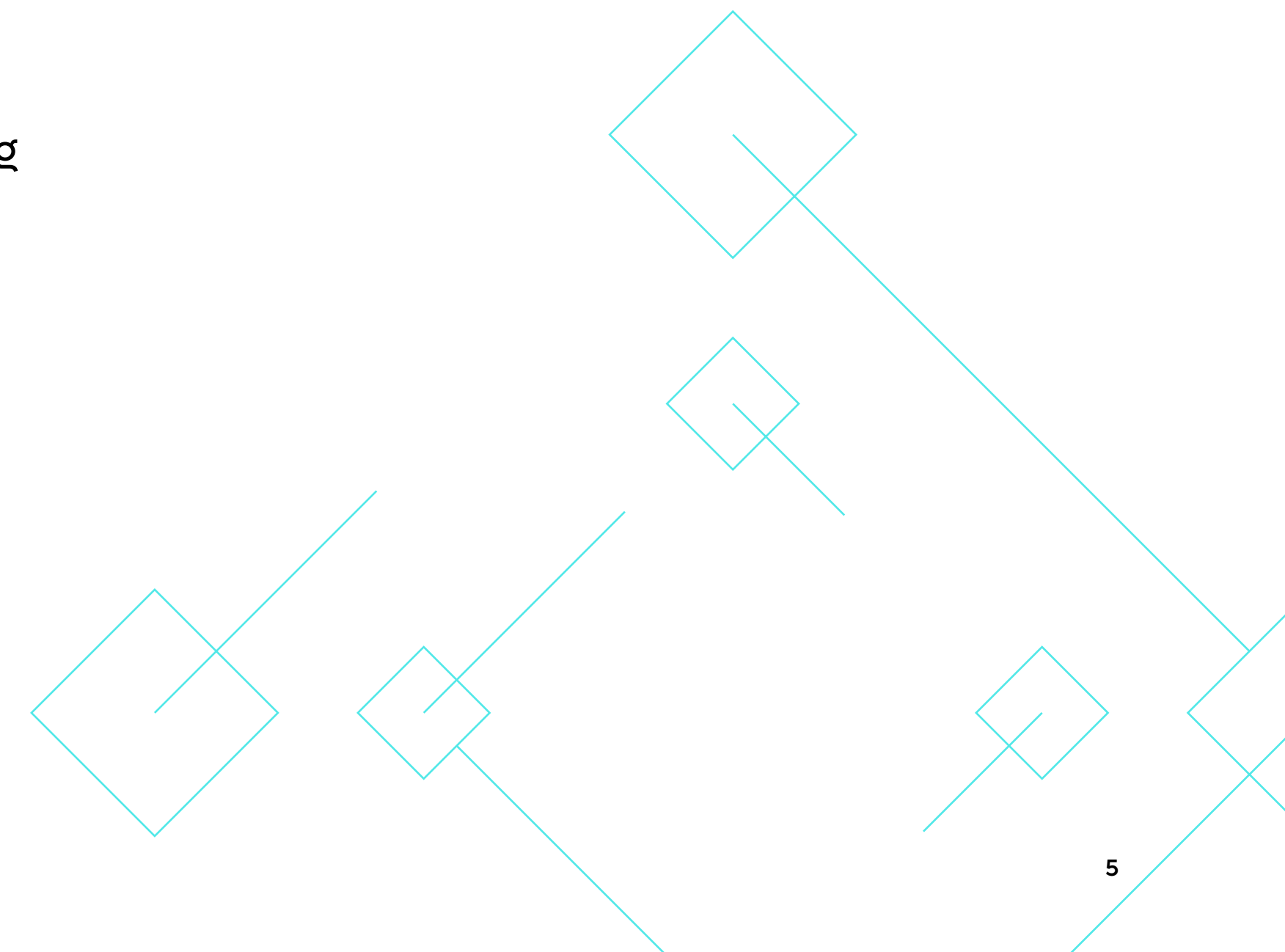
DIFC customers can cross-connect to international news feeders, such as **Bloomberg** and **Thomson Reuters**, using direct connectivity with competitive prices.



Designed with flexibility and scalability in mind, customers can host between **0-70 cabinets** within a secure, private cage.



DIFC Data Centres have provided the highest available service with more than **99.999 per cent uptime** since their establishment in 2004.



Advanced, superior infrastructure

Redundant telecommunication service providers (du and Etisalat).

- Dedicated substation transformer.
- Redundant backup generator, UPS and 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



TCOS certification ensures that a well designed and constructed data centre facility is also being operated in a manner which will yield the expected levels of production and uptime. It also serves as an essential guide for effective and efficient operations that are necessary for our clients hosting their mission-critical equipment in the DIFC Data Centre.

Gold-level certification is the highest level of scoring and demonstrates the highest capacity of operational sustainability. DIFC is the third, Tier III, gold-certified data centre facility in the UAE to achieve this level.



DIFC Data Centre has been certified as an ISO 14644-1 Class 8 Cleanroom.

An ISO 14644-1 classified cleanroom is a room or contained environment where it is crucial to keep particle counts low to increase operational reliability. Typically, these particles are dust, airborne microbes, aerosol particles and chemical vapours. The lower the ISO Class, the fewer particles in the room, the higher the standards.



Tier Certification of Constructed Facility ensures that our site is fit for purpose, while verifying its capacity for meeting the defined requirements.

The award is based on the review of multiple facility criteria, as defined in the Tier III Standard Topology, which is the globally recognised benchmark for data centre reliability and effectiveness.



TCDD certification validates that the DIFC Data Centre system design is consistent with the Uptime Institute Tier III objectives, the only formal body licensed to rate and certify data centre designs, according to the tier classification system. This positions data centre projects for success from the earliest stages by applying standardised goals and methodologies.

TCDD maximises the effectiveness of businesses, while tier certification of design documents ratifies the functionality and capacity evidenced in the engineering and architectural specifications of each facility design.



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.

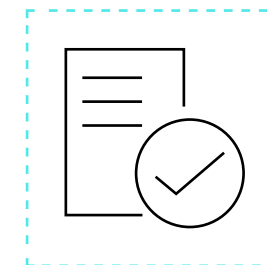


©DC-Suite is a unique site assessment and selection tool that provides in-depth insight into data centre facilities, from the physical location and infrastructure to the operations, maintenance and contractual elements. ©DC-Suite reviews up to 185 attributes within nine modules, to provide a certification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

Our Clients

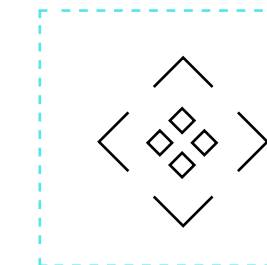
Top banks and financial institutions from across Asia, Europe and the United States host their IT equipment and data in the DIFC Data Centre.

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



5,500+

Active companies



1,200+

Financial and innovation companies.



17

of the top 20 banks



4

Award-winning Data Centres

Facility Building

Data Centre 1

Location

DIFC

Dubai, United Arab Emirates

From airports

13 min (14.1 km) to Dubai International Airport

Square Footage Breakdown

Gross	2,960 ft2 (275m2)
Colocation area	1,151 ft2 (107m2)
Total number of racks	47 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 onsite 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 / (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 600 mm x 600 mm
Raised floor height	600 mm

Significant Building Dates

ER1 constructed 2004

Fire Protection

Fire suppression	Multiple-zoned aspiration system, addressable analogue point detection system, gas-based suppression system with localised operation
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Facility Building

Data Centre 2

Location

DIFC
Dubai, United Arab Emirates

From airports	13 min (14.1 km) to Dubai International Airport
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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 onsite 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 / (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 600 mm x 600 mm
Raised floor height	600 mm

Significant Building Dates

ER1 constructed	2004
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Fire Protection

Fire suppression	Multiple-zoned aspiration system, addressable analogue point detection system, gas-based suppression system with localised operation
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Facility Building Data Centre 3

Location

DIFC
Dubai, United Arab Emirates

From airports	13 min (14.1 km) to Dubai International Airport
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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 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	350 KVA generators in N arrangement with 27 hours on-site fuel autonomy, refillable during use and supported by 24 hour contact

Cooling

Cooling capacity	1.3 KW/m ²
Cooling plant	Chillers + DX (N+ 1)

Location Orientation

7min: (3km) to Trade Center / (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 600 mm x 600 mm
Raised floor height	500 mm

Significant Building Dates

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 localised operation
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Facility Building

Data Centre 4

Location

DIFC
Dubai, United Arab Emirates

From airports	13 min (14.1 km) to Dubai International Airport
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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	A & B configuration with full separate and redundant power path
# utility feeders	2 power feeders from the utilities
# of power transformers	2 power feeders from the utilities
Utility supply	1.5 MW on A side and 1.5MW on B side
Standby power	Two dedicated standby generators with more than 72 hours on site fuel autonomy. This is in addition to a hookup for another mobile generator

Cooling

Cooling capacity	≥ 1 kW/m ²
Cooling plant	Dedicated DX cooling CCU units with N+1 configuration backup

Cages

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

Location Orientation

7min: (3km) to Trade Center / (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	Post tension slab with 20kn/m ² live load
Floor Type	Anti-static 600 mm x 600 mm
Raised floor height	500 mm
Vibration protection	The data centre is equipment with anti-vibration kits that can be installed under each clients equipment rack

Significant Building Dates

ER4 Constructed	2008
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Fire Protection

Fire Suppression	Multiple zoned aspiration system, addressable digital point detection system, gas based suppression system with localised operation
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THE
POWER
IS HERE

Connect now

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