Driving innovation

Data Centres

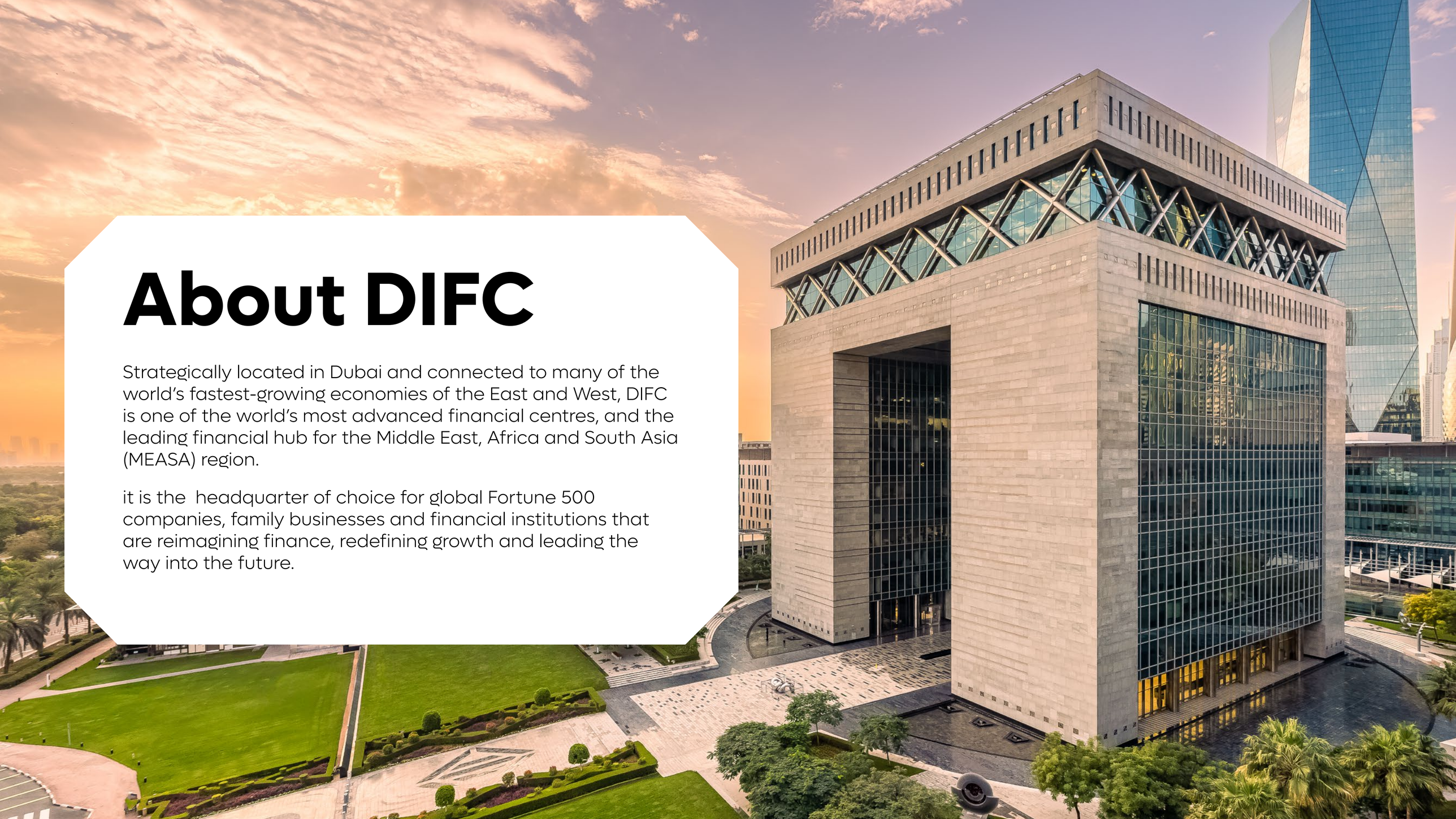
DIFC

The future is here.

About DIFC

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

it is the headquarter of choice for global Fortune 500 companies, family businesses and financial institutions that are reimagining finance, redefining growth and leading the way into the future.



An advanced ICT platform

DIFC's world-class IT infrastructure serves the business requirements of global and regional companies within its diversified community. It provides a resilient and dynamic infrastructure to eliminate and mitigate risks whilst providing maximum uptime.

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, delivering high levels of system availability and performance to the clients.

An award-winning Data Centre

DIFC Data Centre has won Gold Certificate status in the prestigious TCOS

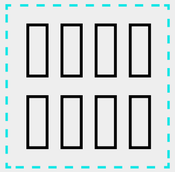
certification. Since 2008, DIFC has won the Best Data Centre Deployment and Best Infrastructure Network awards in the region. DIFC has constructed four state-of-the-art colocation data centres to meet the needs of customers. They are designed and built with high resiliency and availability levels. All data centres are connected to each other through ring connections with the two local service providers' (du and Etisalat) MMR existing inside each data centre.

Additionally, DIFC owns a resilient IT infrastructure duct network with minimum two diverse entry points to each building within DIFC. Customers can use DIFC's duct network from their offices within DIFC to connect to any of the four data centres.

Why choose DIFC Data Centre?

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

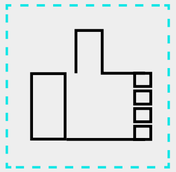
DIFC customers can connect to the data centre **through two diversified routes** for higher redundancy.



Designed keeping in mind flexibility and scalability, customers can host number of cabinets, starting from a single cabinet up to 70 cabinets in a secure and private cage.

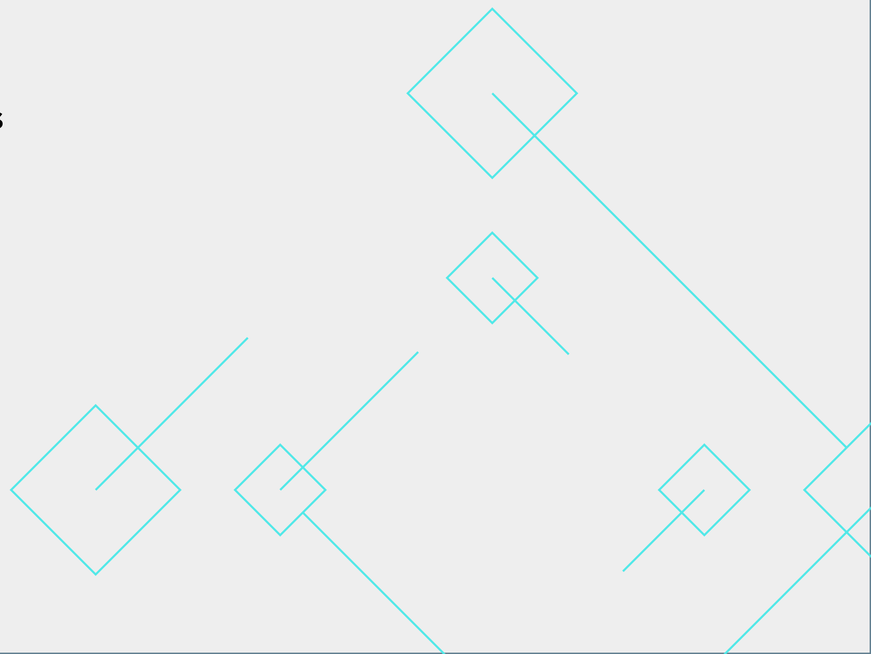
Clients can connect to the DIFC Data Centre from anywhere around DIFC using **dedicated fiber as the most cost-effective option with lowest possible latency**.

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



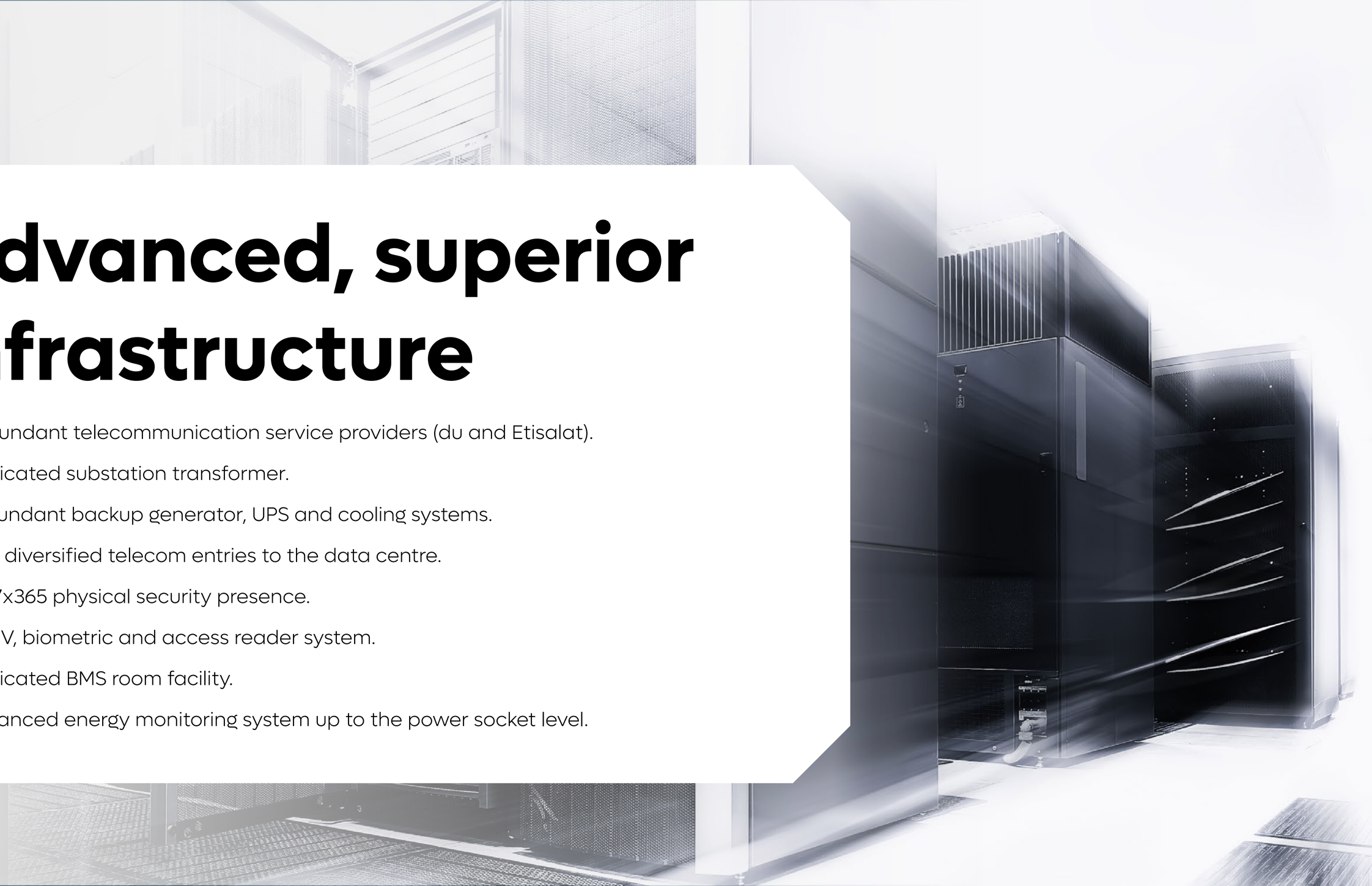
DIFC Data Centres have provided the highest available service with more than **99.999% uptime** since their establishment in 2004.

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.**



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 result in the expected production levels and uptime. It 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.

The gold-level certification is the highest level of scoring (Bronze, Silver and Gold), demonstrating the highest capability 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 and high industry standards being maintained.

Tier Certification of Constructed Facility ensures that our facility has been constructed as designed, and verifies that it is capable of meeting the defined availability requirements.

TCCF ensures our facility is built to its intended performance capacity, effectiveness and reliability.

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 entity licensed to rate and certify Data Centre designs according to the tier classification system. This positions data center projects for success from the earliest stages by applying standardised goals and methodology. TCDD maximises the effectiveness of the businesses.

Tier certification of design documents ratifies the functionality and capacity evidenced in the engineering and architectural specifications of our 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 9 modules, to provide certification level ranging from -1 to 4+.

Our clients

Some of the 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.

4,300+

Registered firms.

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 cost 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.

Facility building | Data Centre 2

Location

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

Square footage breakdown

Gross	3,906 ft² (270m²)
Colocation area	1,173 ft² (109m²)
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/m²
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 cost 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.

Facility building | Data Centre 3

Location

DIFC Dubai, United Arab Emirates	
From airports	13 min (14.1 km) 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 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 bya 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 cost 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

Fire Protection

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

Facility building | Data Centre 4

Location

DIFC
Dubai, United Arab Emirates

From airports	13 min (14.1 km) to Dubai International Airport

Square footage breakdown

Gross	10,225 ft² (950m²)
Colocation area	6350 ft² (590m²)
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/m²
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 cost in situ reinforced structure skeleton.
Floor load capacity	Post tension slab with 20kn/m2 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

Fire protection

Fire suppression	Multiple zoned aspiration system, addressable digital point detection system, gas based suppression system with localised operation.

DIFC

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Connect now

difc.ae

+971 4 362 2222

it.infrastructure@difc.ae