

Paving the way to the next decade

Keynote

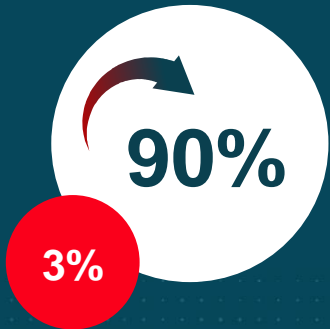


Ivo Ivanov

Chief Executive Officer
at DE-CIX

10 YEARS

2012-2022



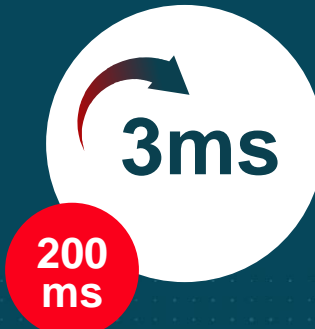
Internet traffic routing

(% local designated remaining in UAE)



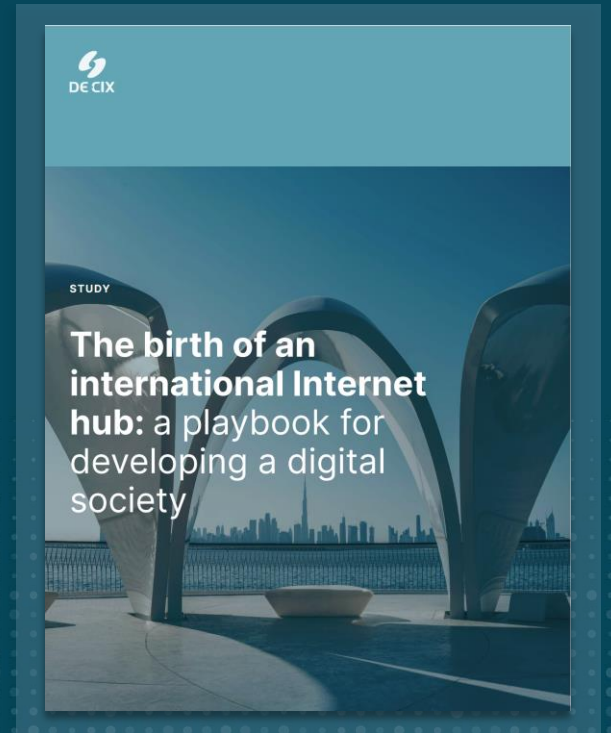
Price of International transit

(US\$ / Mb / month)



Enhanced latency for same query

(~ Round Trip Time in ms)



10
YEARS
2012-2022

The logo consists of a large white number '10' on the left. The '0' is a circle containing a stylized tree with a trunk and many branches. Below the '10' is the word 'YEARS' in a bold, sans-serif font. At the bottom is the date range '2012-2022' in the same font. The entire logo is centered on a dark blue background with a subtle dot pattern at the bottom.



20
YEARS

2023-2033

Paving the way to the next decade

On a quest for the new oil



On a quest for the new oil



On a quest for the new oil

Digital everywhere, for everything
& everyone – the new paradigm


Transmission
technologies

Data is
the new oil

Latency
is the new
currency

Artificial
Intelligence

Connected
devices



**Paving the way
to the next decade?**

Learning from today's stories

Paving the way to the next decade – Learning from today's stories

Digital everywhere, for everything & everyone – Mobility/Urbanism



Smart Cities project
Abu Dhabi & Dubai

- Abu Dhabi & Dubai – smartest cities in the ME & North Africa (Smart City Index 2021)
- Smart infrastructure & services: health, safety, mobility, activities, opportunities, governance.
 - open & easy access to data
 - smart transport,
 - optimize energy & resources through efficiency
 - limiting height of construction & buildings
 - smart parks & beaches
 - police smartphone apps
 - new master control room
 - ...

Paving the way to the next decade – Learning from today's stories

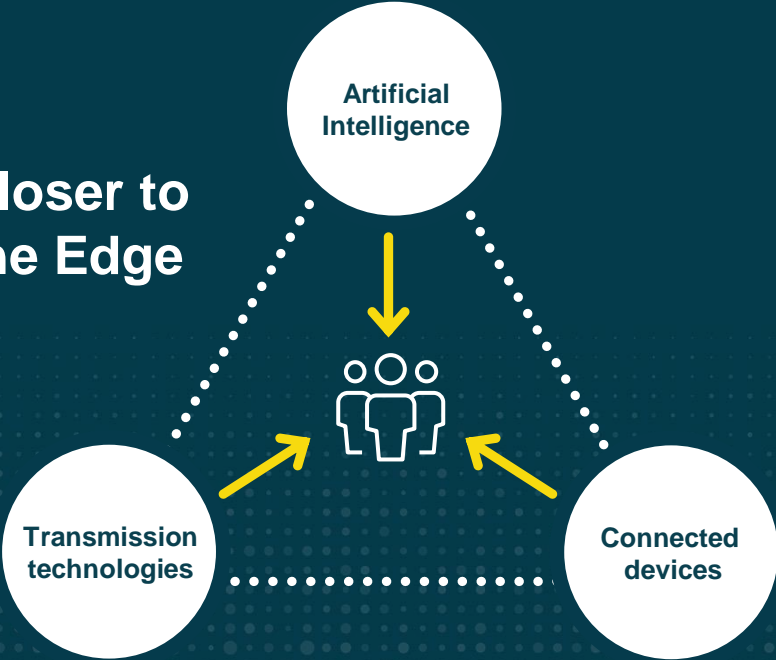
Digital everywhere, for everything & everyone – Mobility/Urbanism



Smart Cities project
Abu Dhabi & Dubai

Hyper-localization of the digital infrastructure

Closer to the Edge



Paving the way to the next decade – Learning from today's stories

Digital everywhere, for everything & everyone – Airline



Airline

onboard entertainment, for everyone,
everywhere

- First big deal between a Low Earth Orbit connectivity operator and a global Airline
- Enable a real High-speed Internet on a fleet of aircrafts
- 50 mbit/s speed unlimited
- Also in economy seating

Paving the way to the next decade – Learning from today's stories

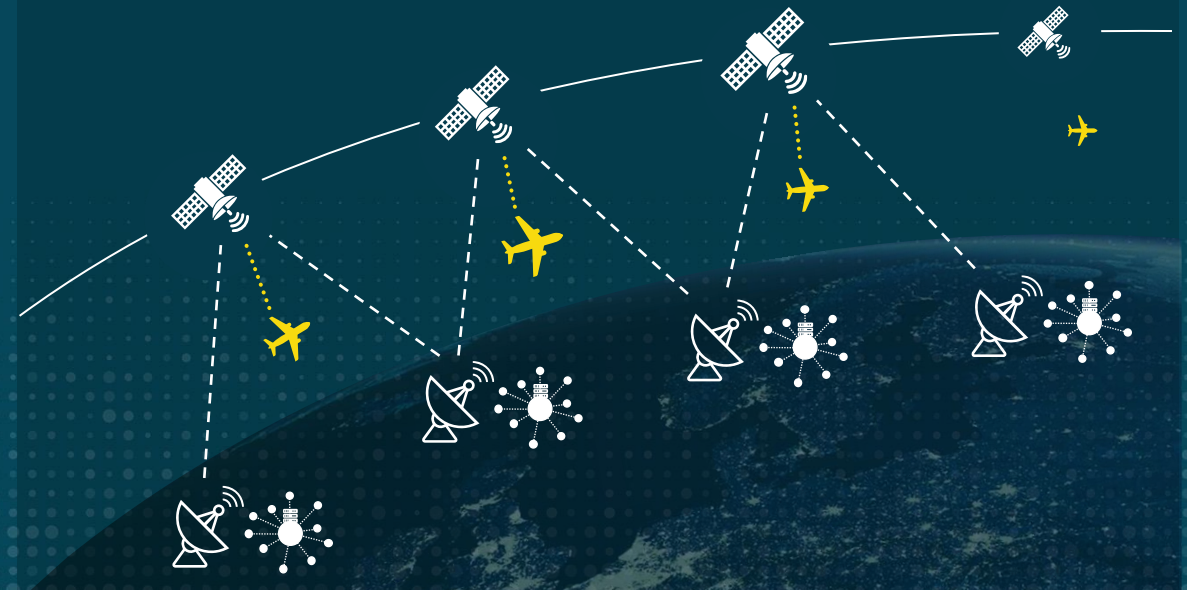
Digital everywhere, for everything & everyone – Airline



Airline
onboard entertainment, for everyone,
everywhere

**Distributed, integrated & interconnected
digital infrastructure** *(partially, somewhere)*

Interconnection corridors fuelling low latency data traffic flows



Paving the way to the next decade – Learning from today's stories

Digital everywhere, for everything & everyone – Healthcare



Healthcare

Global & real-time big data against cancer!

BIONTECH

- Real-time data management of thousands of data sources of patients engaged in the global study
- First very positive results on (first of its kind in human history) medicine/therapy cancer treatment
- Stops and even reduces the growth of cancer

Paving the way to the next decade – Learning from today's stories

Digital everywhere, for everything & everyone – Healthcare



Healthcare

Global & real-time big data against cancer!

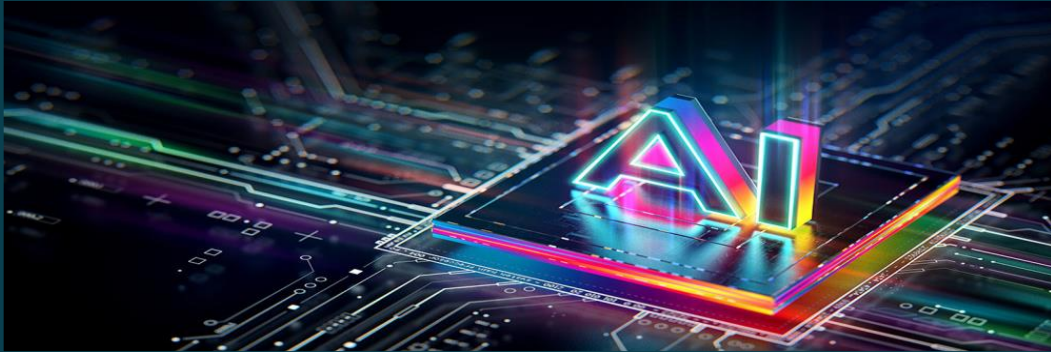
Distributed, integrated & interconnected digital infrastructure (*globally, anywhere*)

Global interconnection ecosystem fuelling low latency data traffic flows anywhere on the planet



Paving the way to the next decade – Learning from today's stories

Digital everywhere, for everything & everyone – Telco



Telco & Infrastructure
AI enabled-Internet exchanges
& interconnection services

A new era: DE-CIX AI-IX!

- AI chip integration & BGP ready for UAE-IX customers & partners and other exchanges in the most extensive way
- DE-CIX to offer AI interconnect solutions to AI chips players serving enterprise interconnection needs



Paving the way to the next decade – Learning from today's stories

Digital everywhere, for everything & everyone – Telco



Telco & Infrastructure
AI enabled-Internet exchanges
& interconnection services

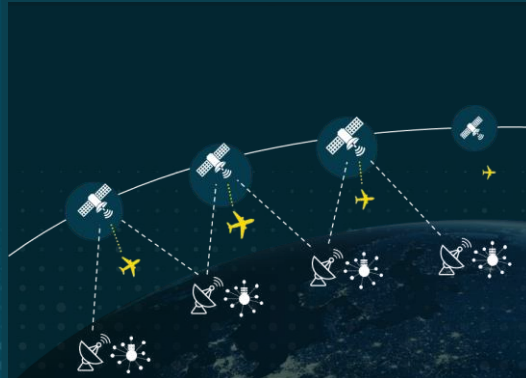
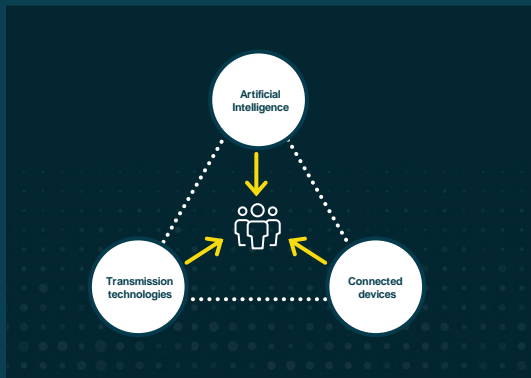
DE-CIX AI-IX!

AI enabled-Internet exchanges & interconnection services



Paving the way to the next decade...

Outlining the future Digital infrastructure for UAE & beyond



Paving the way to the next decade...

Outlining the future Digital infrastructure for UAE & beyond

Everywhere, anywhere!

bringing content & applications closer to the end user

One Internet Hub is not enough!

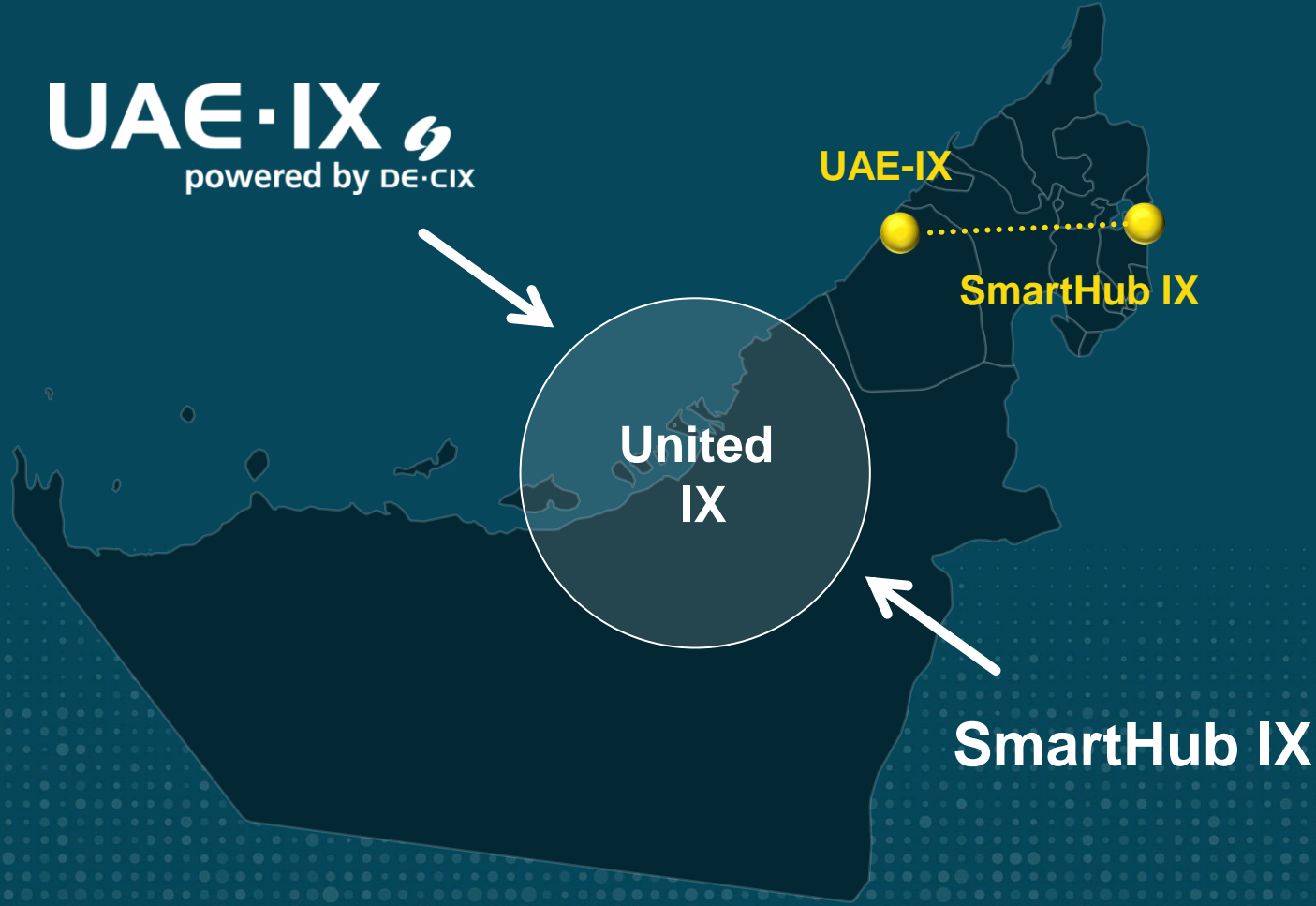
not achievable with stand-alone IXs

Distributed & interconnected IXs are vital!

local, regional & global digital ecosystems

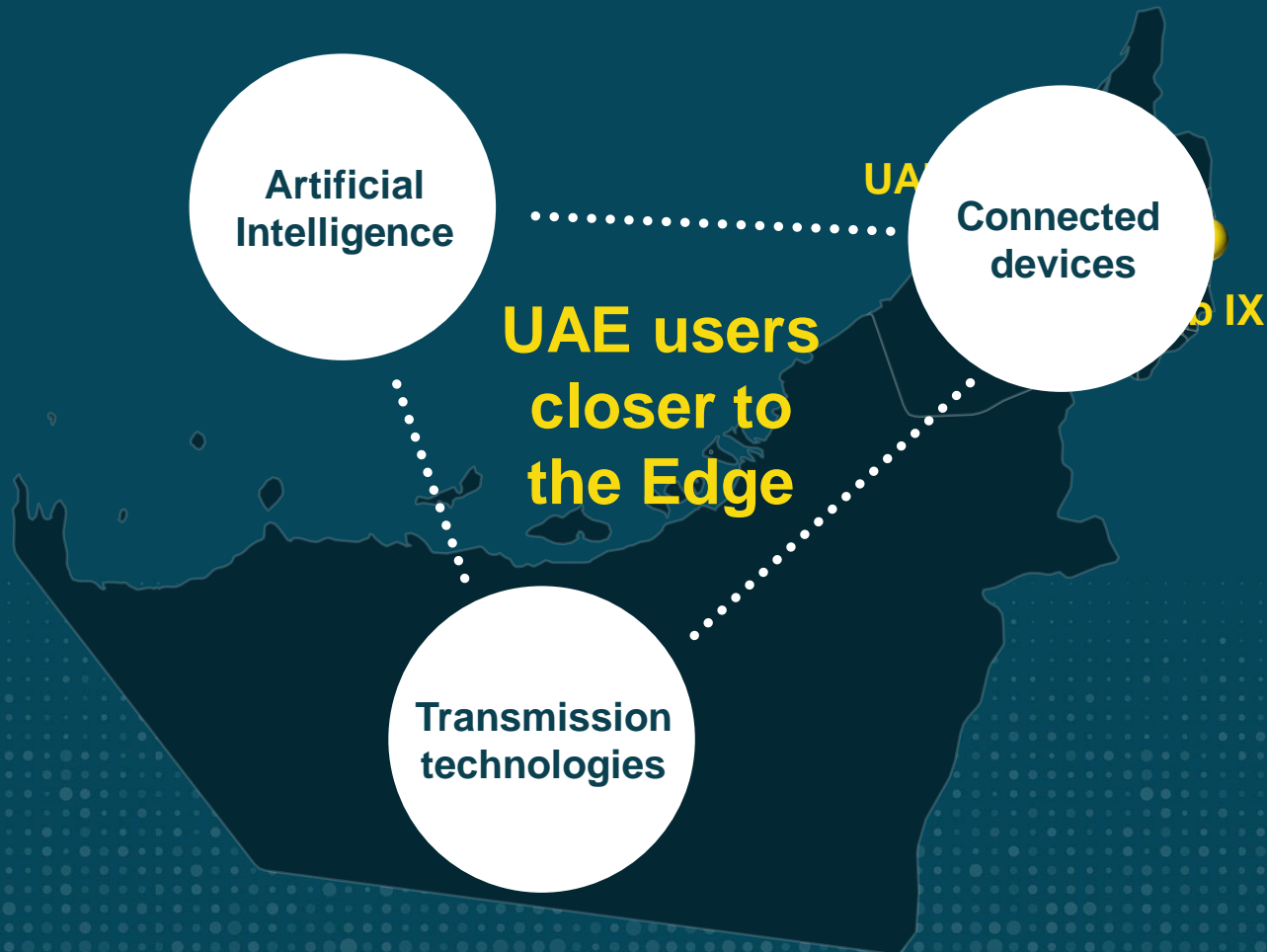
Outlining the future Digital infrastructure for UAE & beyond

Hyper-localization & integration of latest technologies



Outlining the future Digital infrastructure for UAE & beyond

Hyper-localization & integration of latest technologies



UAE-IX AI exchange

- AI enabled Internet eXchange & interconnection services
- AI BGP ready
- Integration into all other DE-CIX IXs globally serving the most demanding enterprise needs

Outlining the future Digital infrastructure for UAE & beyond

Regionally distributed, integrated & interconnected



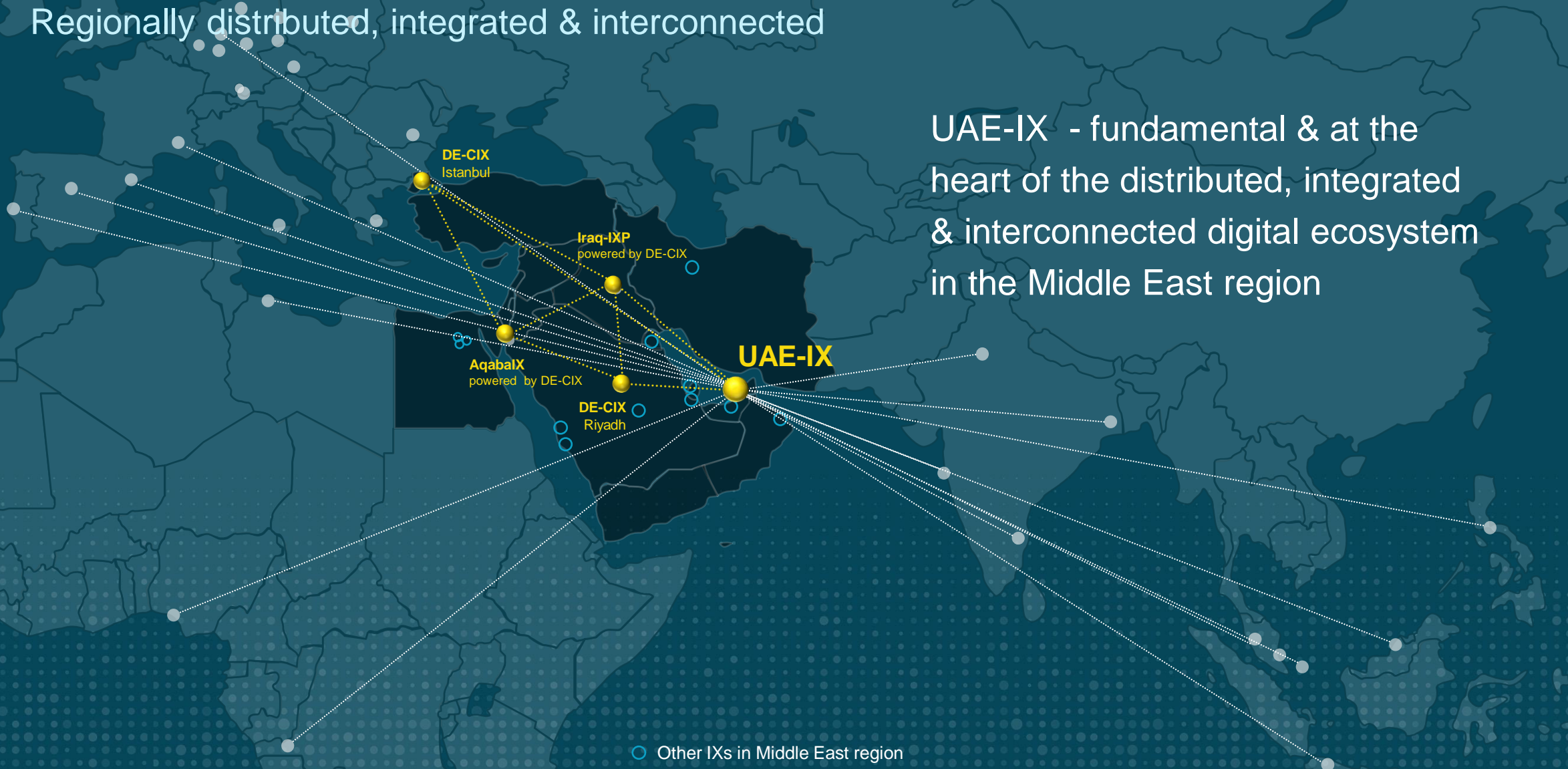
UAE-IX - fundamental & at the heart of the distributed, integrated & interconnected digital ecosystem in the Middle East region

○ Other IXs in Middle East region

Outlining the future Digital infrastructure for UAE & beyond

Regionally distributed, integrated & interconnected

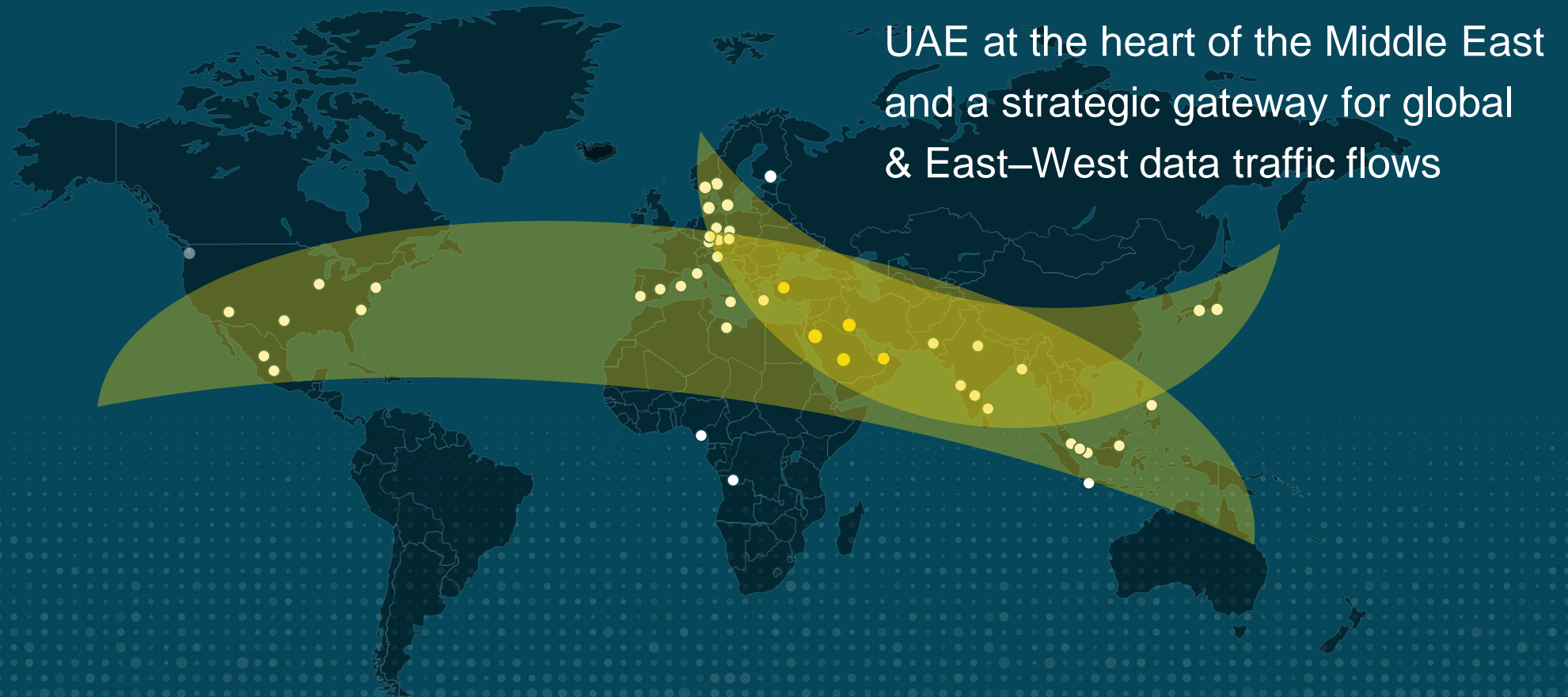
UAE-IX - fundamental & at the heart of the distributed, integrated & interconnected digital ecosystem in the Middle East region



○ Other IXs in Middle East region

Outlining the future Digital infrastructure for UAE & beyond

Globally distributed, integrated & interconnected



Paving the way to the next decade

From Oil...



Paving the way to the next decade

...to Data



Paving the way to the next decade



UAE | Middle East

AI-enabled. Edge. Distributed. Interconnected.

Digital infrastructure & Internet hospitality

Thank you

