

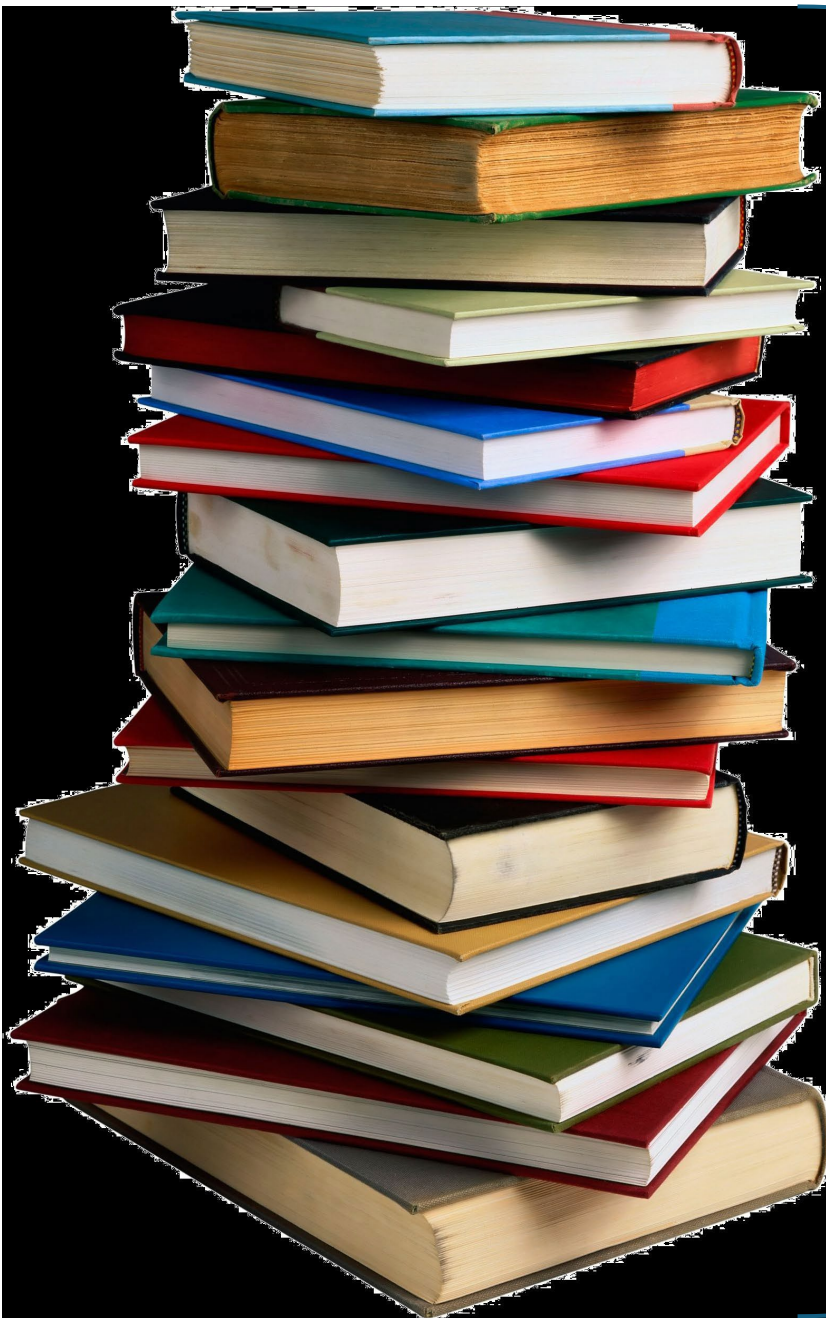


Critical Information Infrastructure

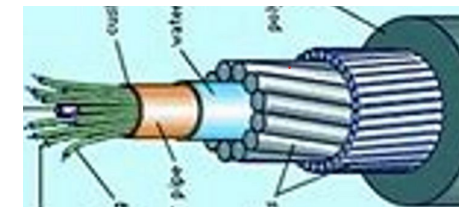
Under The Sea: The New Era of Telecommunications and What It Means to Us Today

Richard HL Marshall, Esq.,

Chairman of the Board, Cinturion Group



1 km high stack of books =



Subsea FO Cable
1 petabit per second

1 Gigabit per second



World Network of Submarine Data Cables

- Subsea Networks carry 99% of all network traffic globally
- The extreme geographic concentration of the cables makes them particularly vulnerable.
- With 420 submarine lines in the world, totaling 1.3 million kilometers, on average, over a hundred breaks of every year, caused in general by the fishing boats that pull or drop anchors

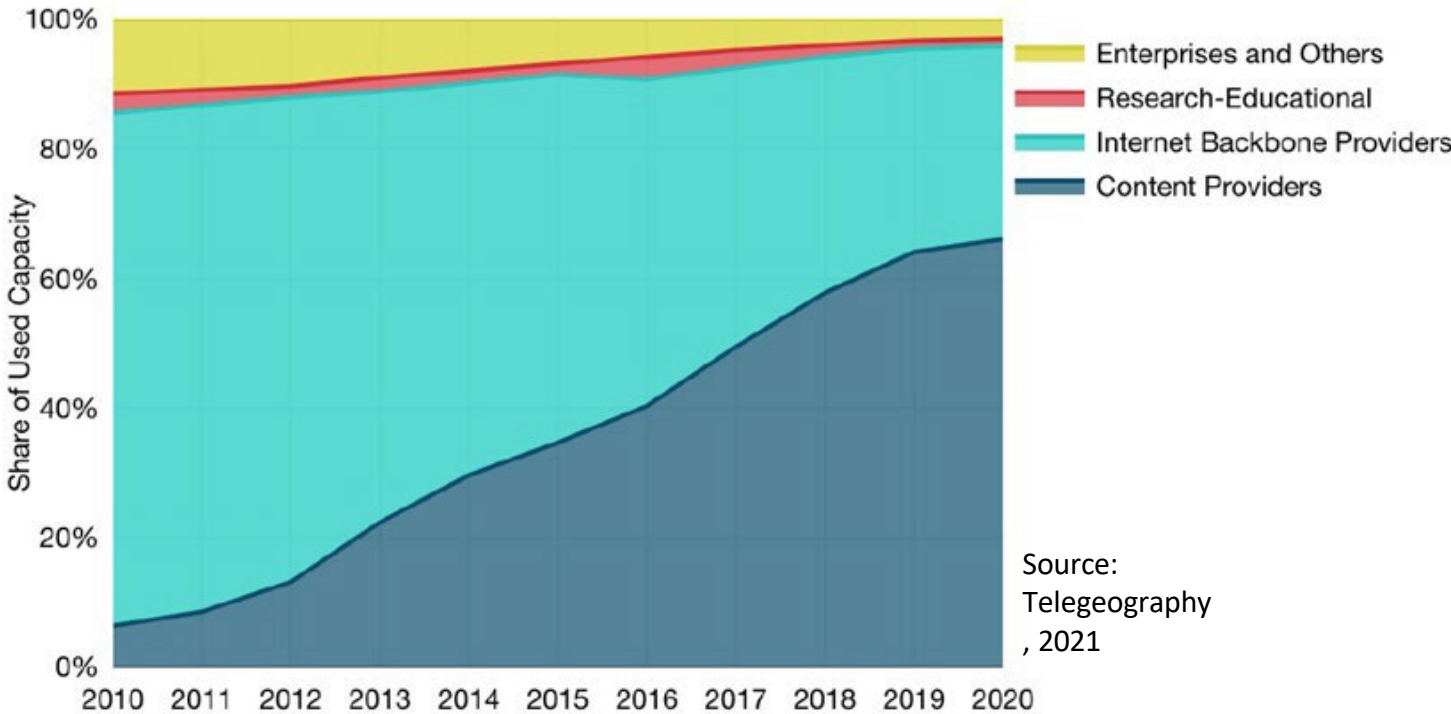
Diversity and new corridors are needed, as we add capacity to meet Demand



World Network of Submarine Data Cables – cont.

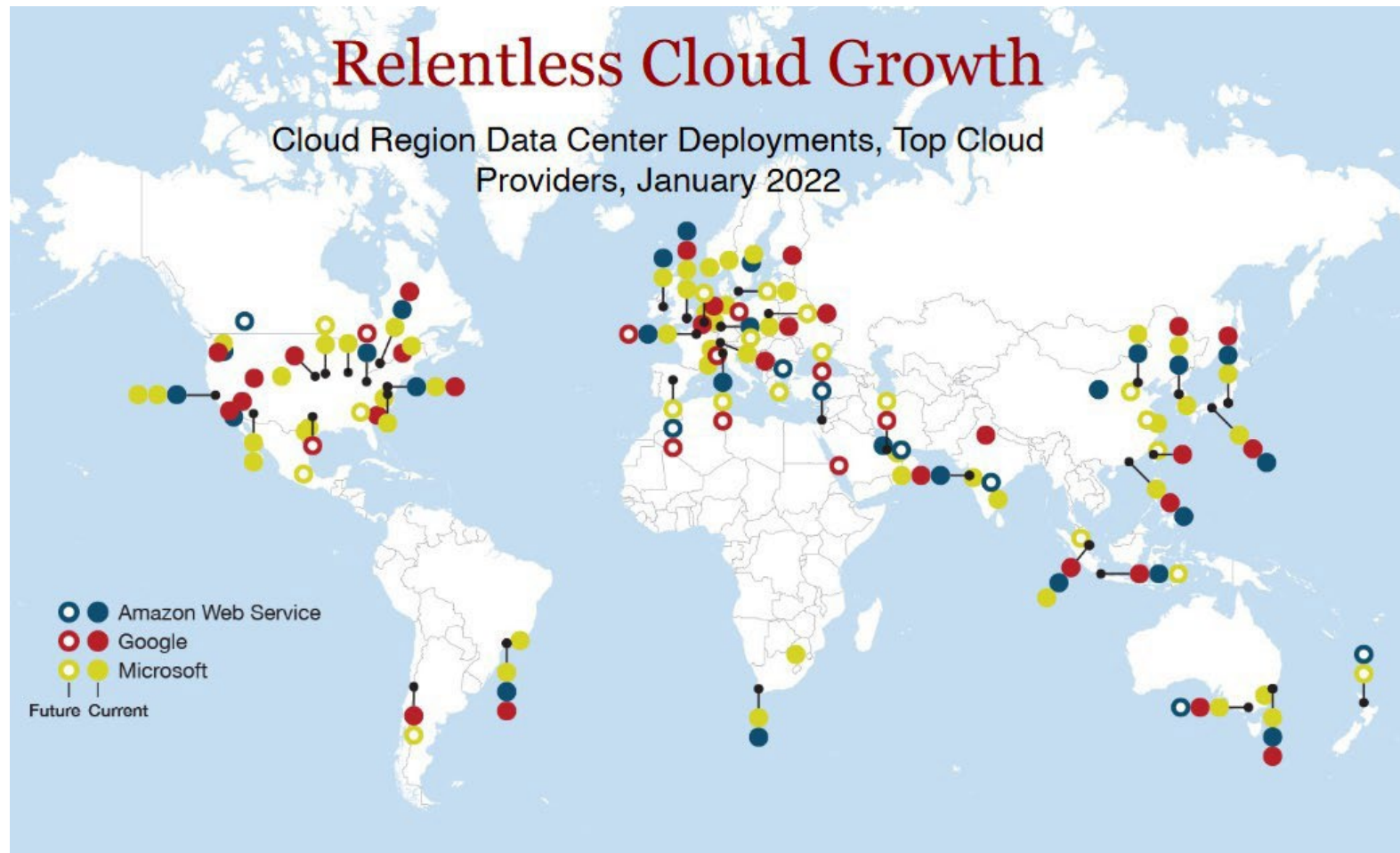
Content providers have moved to strong preference to own every element of their data network to ensure reliability and performance, due to 66% CAGR 2016 – 2020 growth.

International bandwidth usage



Data Centers are key to higher value economic growth.

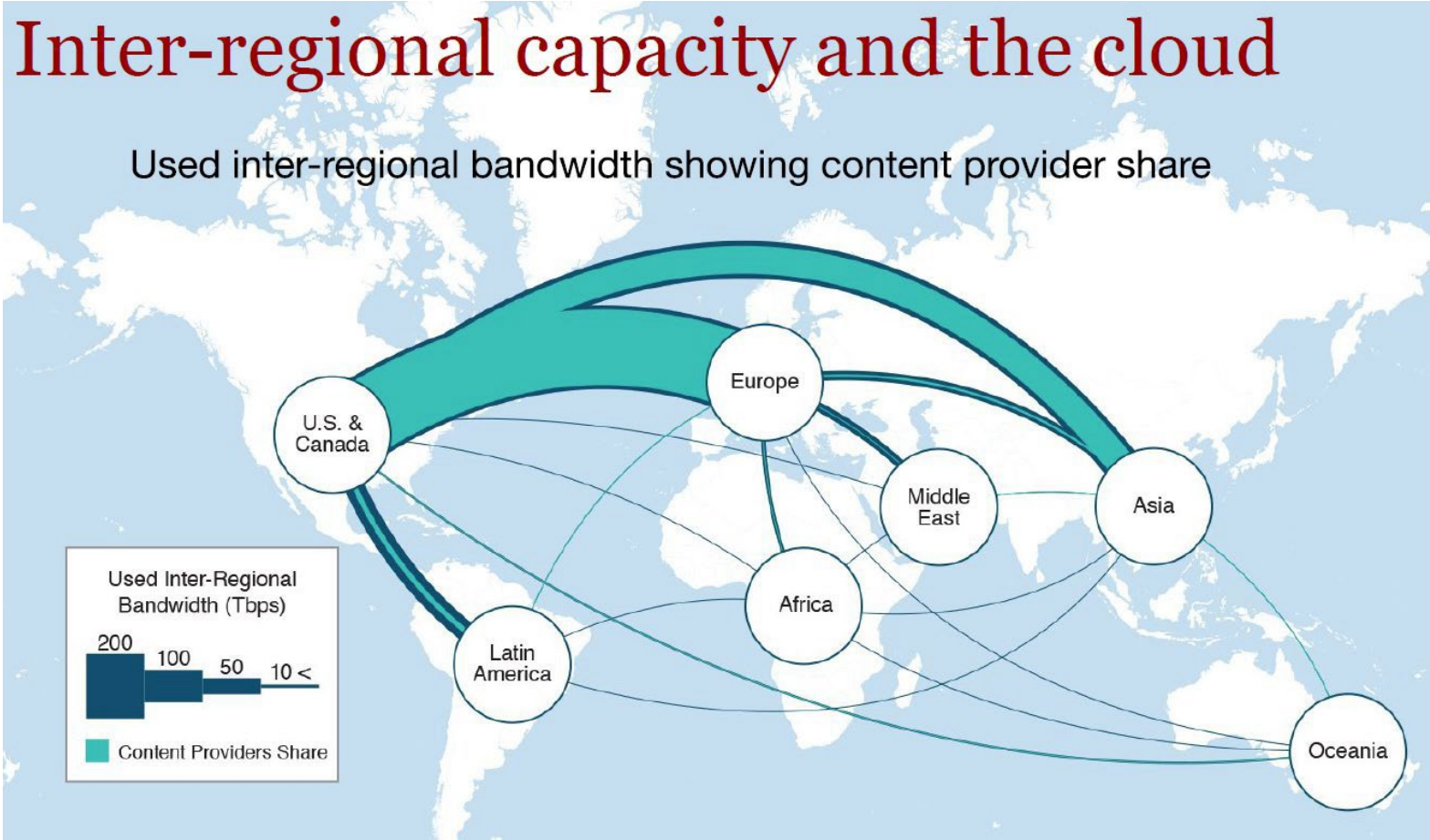
New demands for data services and reduced carbon footprint emphasize need for network of high-capacity data connections.



Key Geographic Corridors Underly Data Routes

Inter-regional capacity and the cloud

Used inter-regional bandwidth showing content provider share



Source: Telegeography 2022

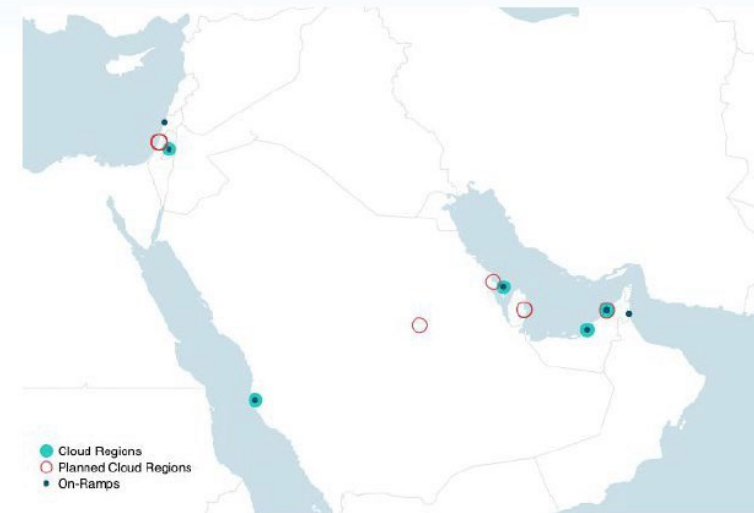
Interconnection of Data Centers Allows Leverage of Smaller Population Markets to Serve Local and Regional Demand

Europe is bursting with Cloud data centers



Source: Telegeography 2022

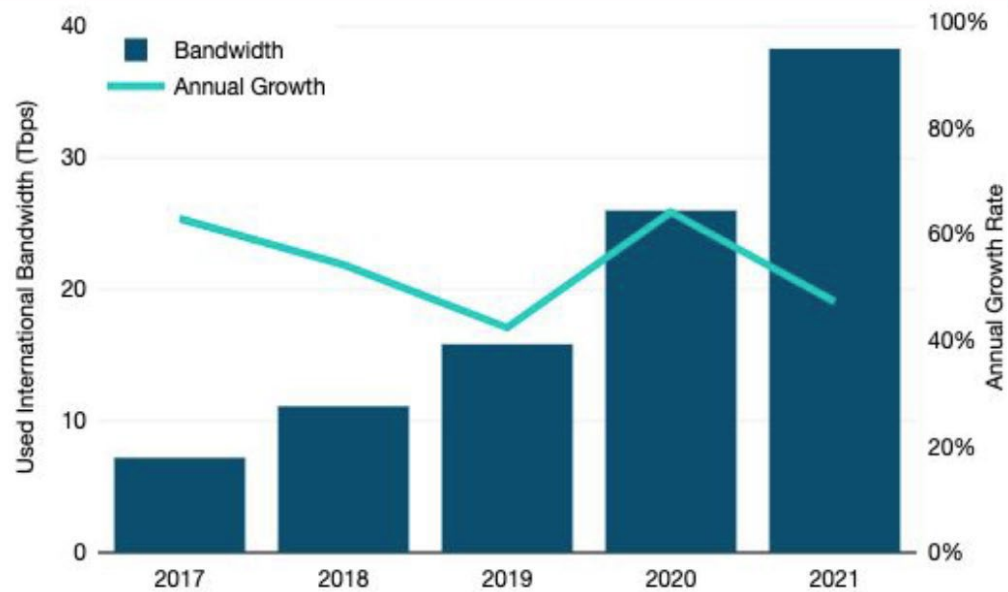
Very few cloud data centers



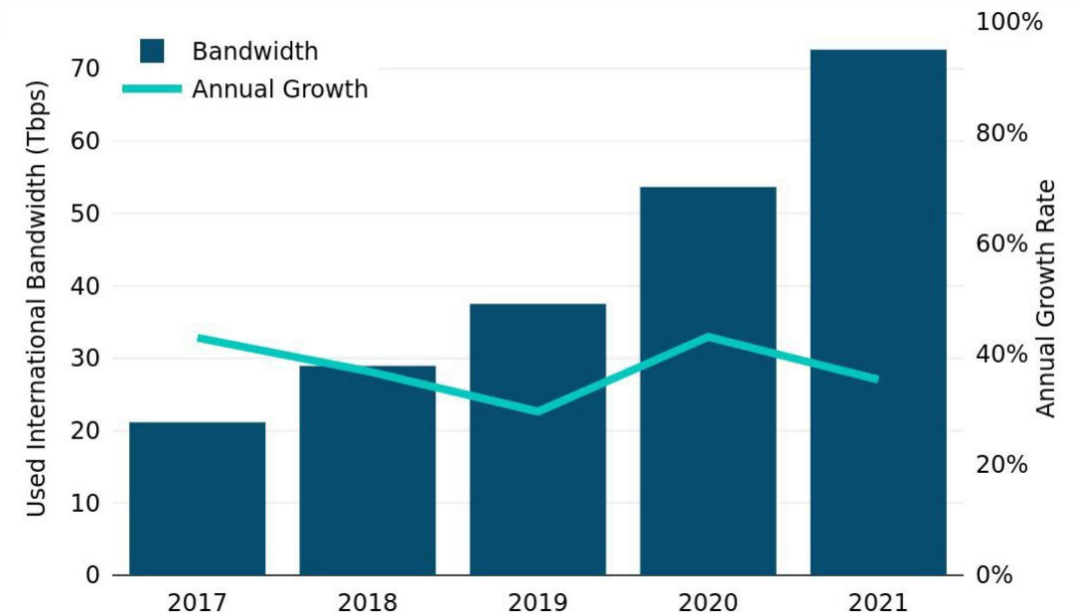
Cloud Data Centers in the Middle East

Traffic growth in the Middle East and Africa markets is continuing at 40% to 60% annual increase

Used international bandwidth in Africa

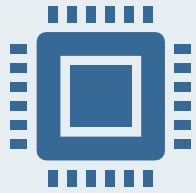


Used international bandwidth in the Middle East



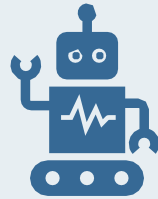
Source: Telegeography, 2022

Developing Drivers for Continued Data Traffic Growth



Computing

Super computing & Quantum computing utilizing interconnected processors
Peak computing load
Green energy sourcing



Applications

Metaverse (immersive VR, NFT)
Internet of Things (machine to machine, sensors to machine)
Telemedicine (imaging, testing, robotic surgery)



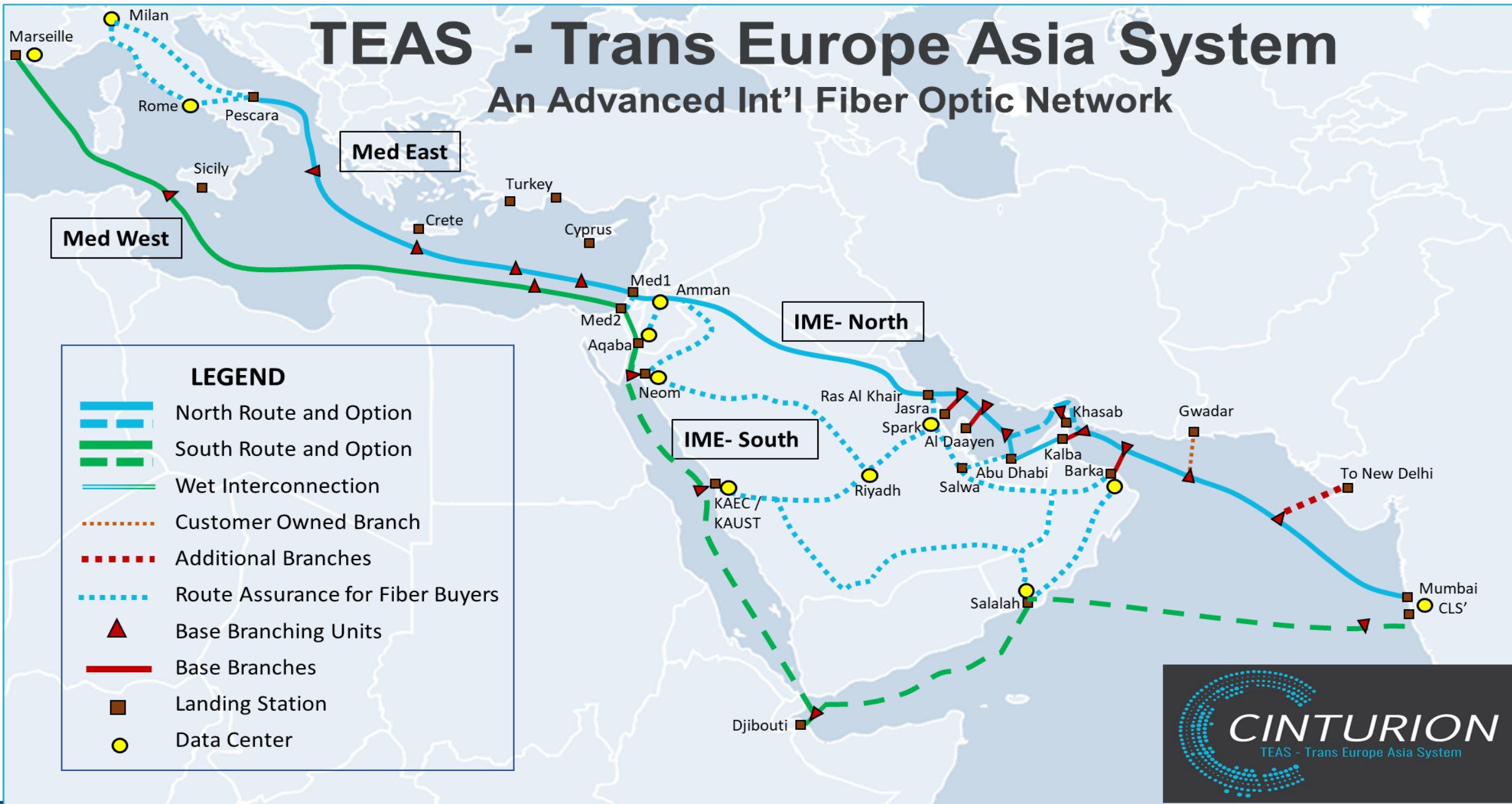
Consumer generated content

AI synthetic data
Static data will become dynamic

By 2030, nearly two-thirds of network traffic will involve AI, with the rapid growth of video and image content

TEAS - Trans Europe Asia System

An Advanced Int'l Fiber Optic Network

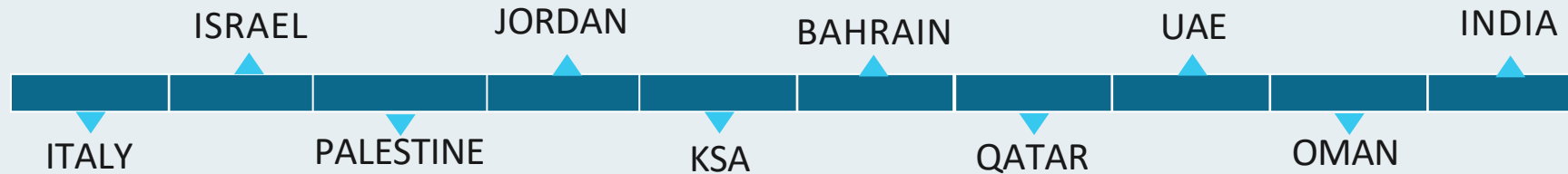


TEAS IS A HIGH-CAPACITY AND CUTTING-EDGE DATA TRANSPORT SYSTEM THAT WILL EXTEND BETWEEN INDIA AND EUROPE, CROSSING AND PROVIDING NEEDED DATA ACCESS TO EVERY COUNTRY ALONG OUR ROUTE

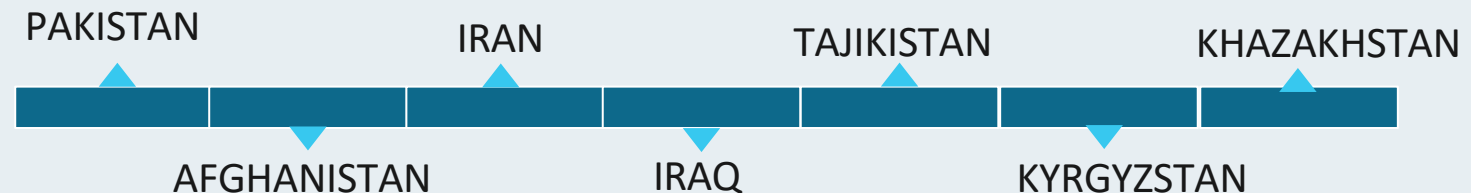
TEAS Unique Geographical Routes

NORTH ROUTE – THE FASTEST ROUTE

COUNTRIES DIRECTLY IMPACTED BY TEAS



COUNTRIES IN-DIRECTLY IMPACTED BY TEAS

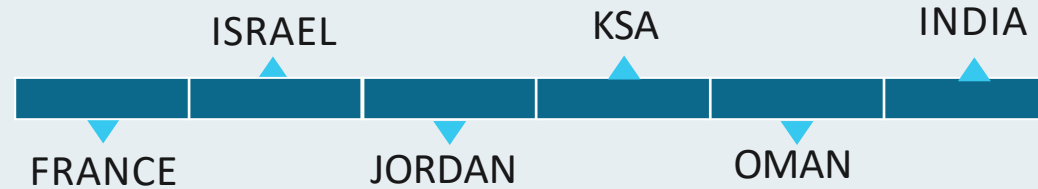


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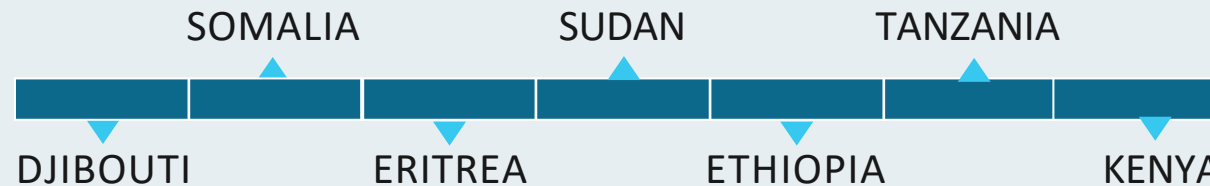
TEAS Unique Geographical Routes

SOUTH ROUTE – HIGHEST AVAILABILITY

COUNTRIES DIRECTLY IMPACTED BY TEAS



COUNTRIES IN-DIRECTLY IMPACTED BY TEAS



TEAS Project Approved & Mandated by KSA

Saudi Approval, Salam LPA & KSA Financing



Damac and Cinturion to build data center and cable landing station in Saudi's new King Abdullah Economic City
datacenterdynamics.com

- Salam – KSA's Second Carrier, has mandate from Saudi regulator to achieve updated international network to support Mohamed Bin Salam's 2030 vision. Salam is required to invest to be our Landing Party and obtain a Cinturion board position, subject to the completion of due diligence currently underway which is tied to the A&R Supply Contract.
 - On July 25, 2023, a 4-way MOU was signed with Salam, Edgnex/Damac, KAEC which at the behest of the Ministry of Communication and Information Technology (MCIT) to provide an open-access carrier neutral landing station to the region. This partnership assures TEAS project, future IRU Sales and additional growth in the region.
 - BTC Networks, a Cinturion partner and on our Board as an Observer, will construct the Saudi terrestrial network required by TEAS which will be owned and operated by Salam, with BTC as subcontractor, for Cinturion's benefit.
- 14
- BTC is acknowledged as one of the largest integrated ITC solution providers in the Middle East with branches in Saudi Arabia, Egypt, Lebanon, Jordan and Iraq. Their experience includes 17,000 Kilometers in KSA.



TEAS Security with Cyentium

- TEAS will be secure from the start
- Cyentium provides Military Grade OSI Layer 2 Link Encryption, that can be routed “End to End” over a Layer 3 routed network
- On top of this infrastructure can be layered a variety of security services
- The result is an extremely efficient security solution to protect both TEAS and the information traversing TEAS

