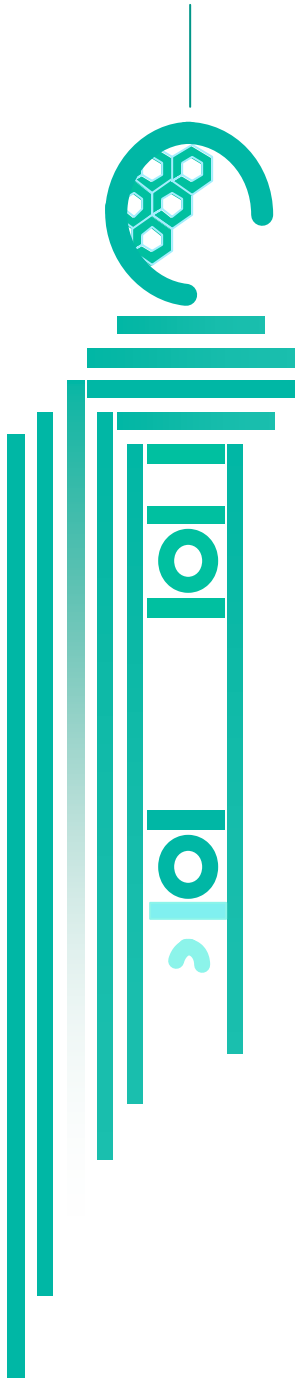


Emirates Telecommunications Corporation



Emirates Internet Exchange

EMIX



Presented by



Hassan M. AL Abdouli

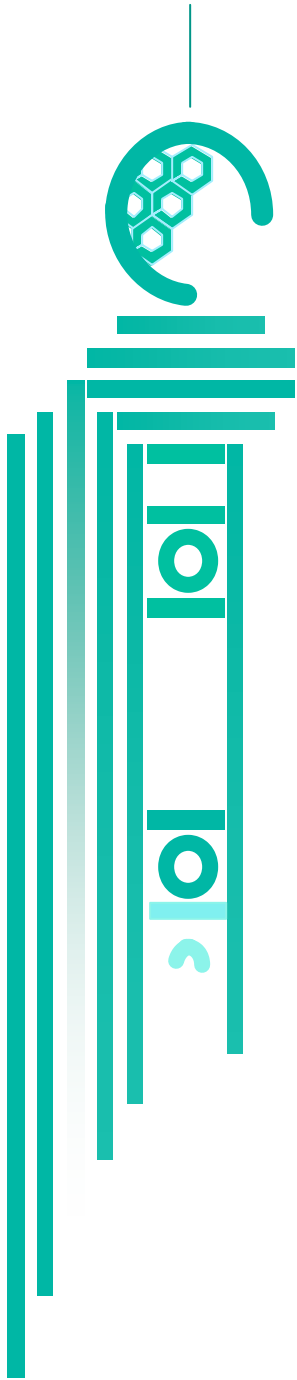
Marketing Manager

Emirates Internet Exchange - EMIX

AGENDA



- **ETISALAT** Fiber Optic Connection via UAE
- **ETISALAT** available Earth Stations
- Emirates Internet Exchange - EMIX



Etisalat Cable connection



Etisalat has invested in the following International mega projects:

Oman

Fiber Optic Cable

Iran

Fiber Optic Cable

Saudi A.

Fiber Optic Cable

FOG

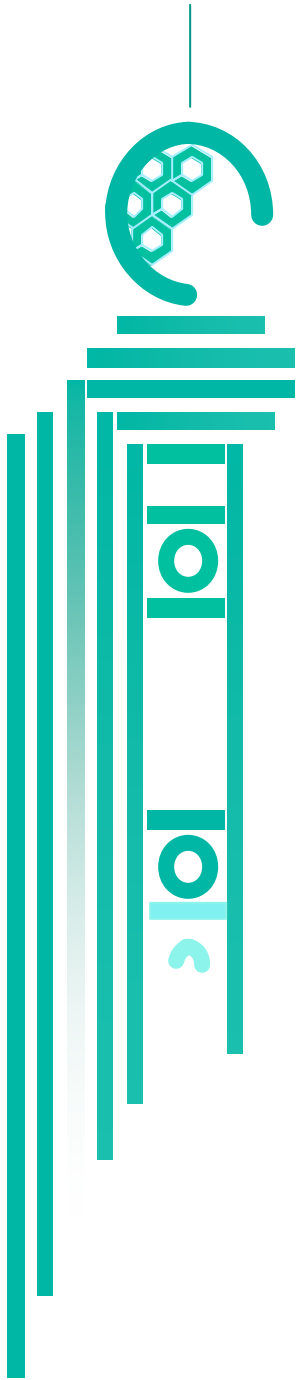
Fiber Optic Cable

FLAG

Fiber Optic Cable

SMW3

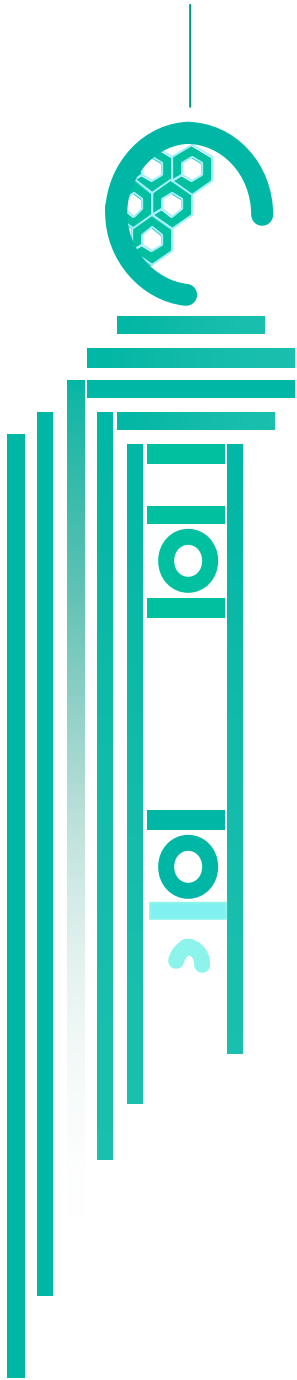
Fiber Optic Cable



FOG Cable



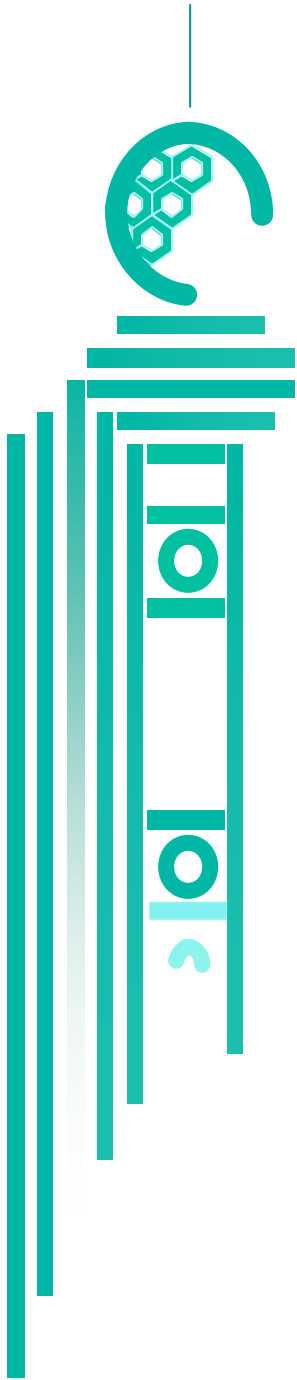
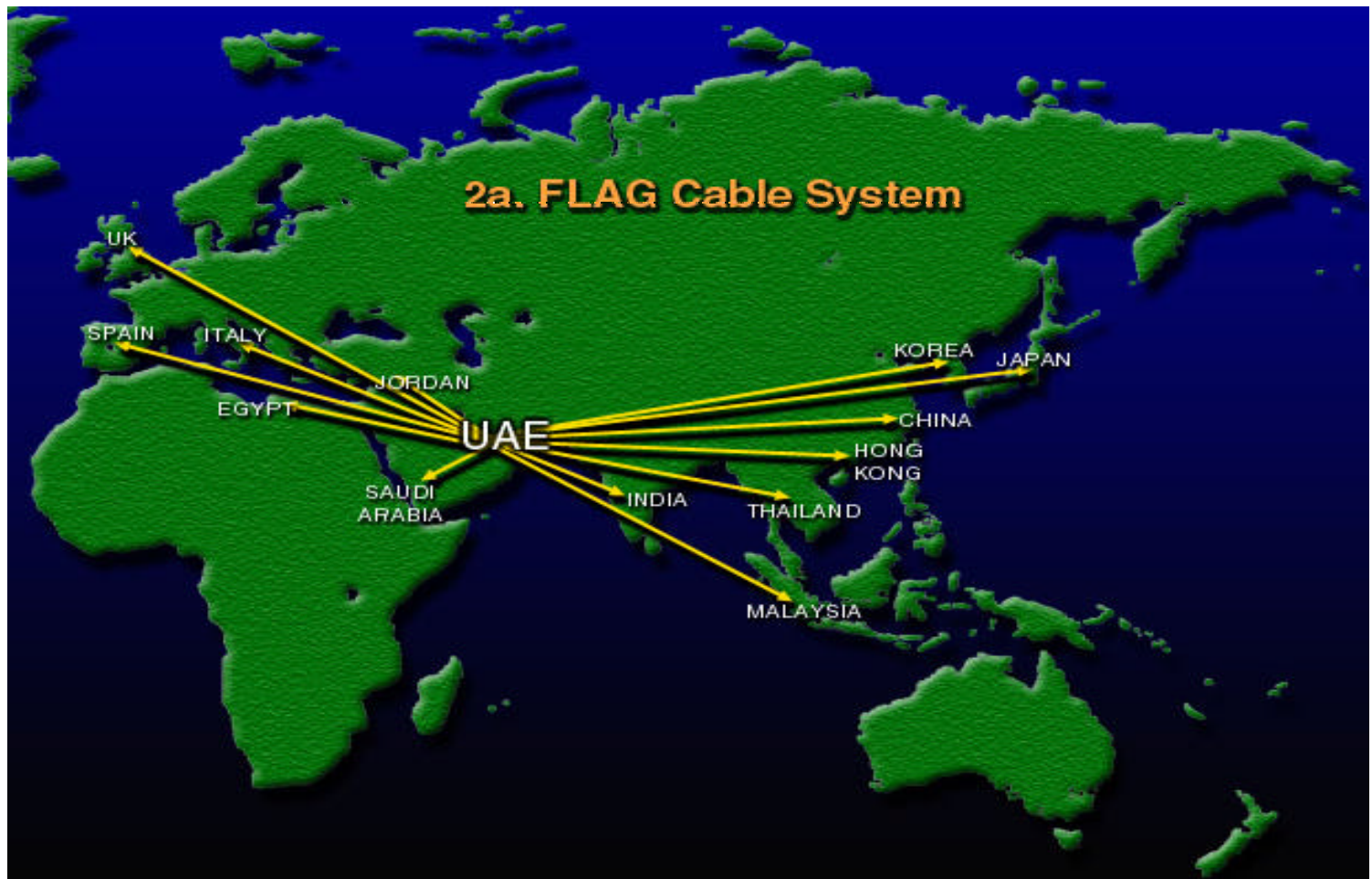
The FIRST SUBMARINE CABLE in the Gulf linking GCC countries



FLAG Cable



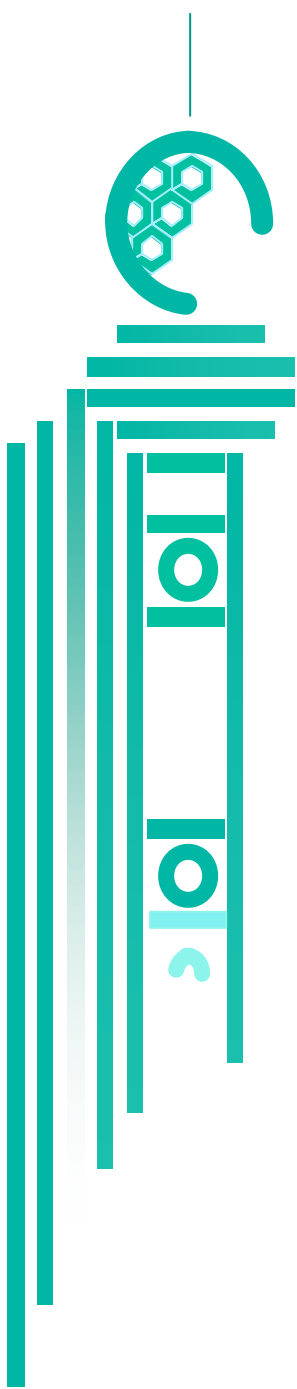
Connecting Europe to South Asia via middle East



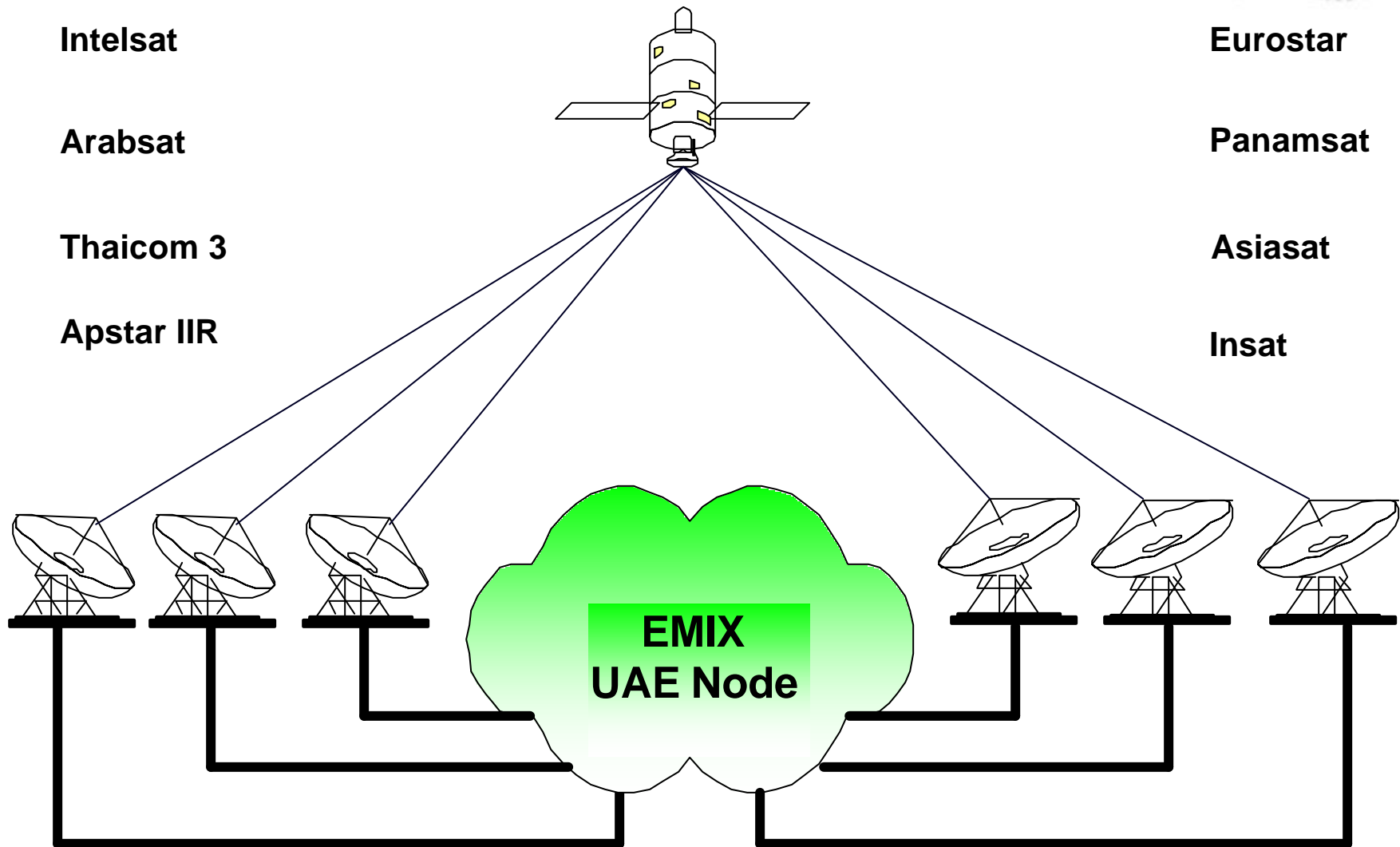
SMW-3 Cable



Connecting Europe to South Asia via middle East with more landing points



ETISALAT EARTH STATIONS





EMIX

EMIRATES INTERNET EXCHANGE

EMIX

Commercially Launched
September 1998



EMIX - Mission

To become the Regional hub providing all Neighboring Countries with access to the Internet via Fiber Optic at competitive prices



Reasons for EMIX

- Most of the Regional ISP's are connected to USA
- All E-mail and Web traffic are routed via US.
- Some Regional ISP's are connected via satellite
- Cable is favored over satellite because
 - a. Delay in Satellite ~ 600 MS
 - b. Satellite links are erroneous resulting in retransmissions.
 - c. Satellites are affected by Radar Interference
 - d. Delay in Cable ~ 200 MS



EMIX

Benefits of EMIX

- Develop regional content
- Direct connection to NAP in USA
- Diverse Suite of Services (Symmetric, Asymmetric and Simplex)
- Supporting BGP-4 routing
- Keep Regional Internet traffic within the Region
such as E-mail, Telnet, Web Site and all other Internet traffic
- Ability to utilize different Satellite provider to connect Indian ISPs via EMIX.



EMIX

Benefits of EMIX

- Ability to utilize FLAG or SMW-3 to connect ISP via EMIX
- Quicker response times
- Shorter Provisioning period
- Competitive pricing
- 24 hours and 7 days a week customer support



EMIX Services

EMIX offers the following services to suit your needs:

- **Symmetric** Incoming bandwidth is equal to Outgoing bandwidth
- **Asymmetric** Incoming bandwidth is more than Outgoing bandwidth
- **Simplex** Incoming bandwidth only



EMIX

EMIX Connection

Etisalat can provide the service via

- Cable
- Satellite
 - Full circuit
 - Half circuit

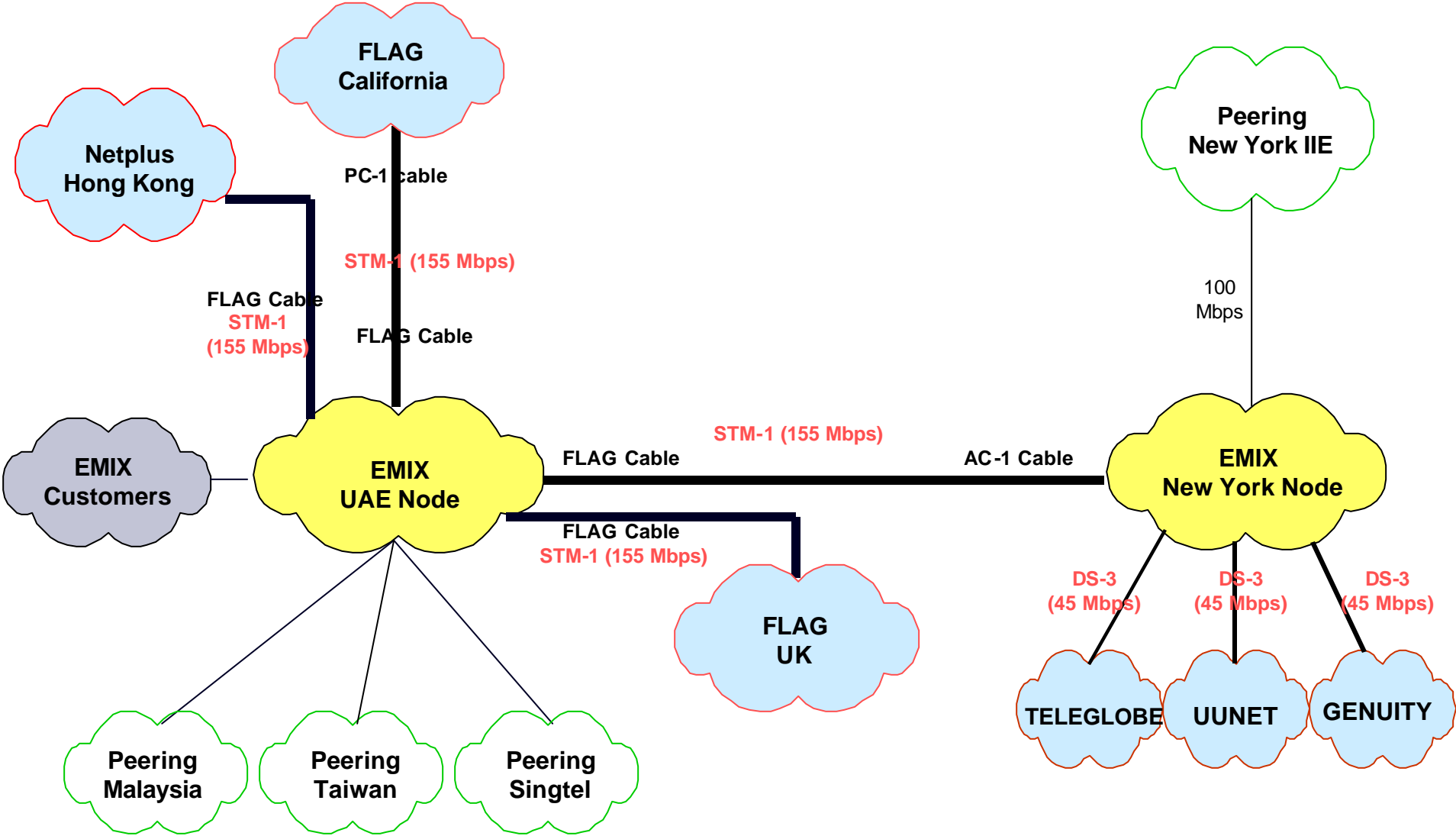


EMIX

Network Operation Center

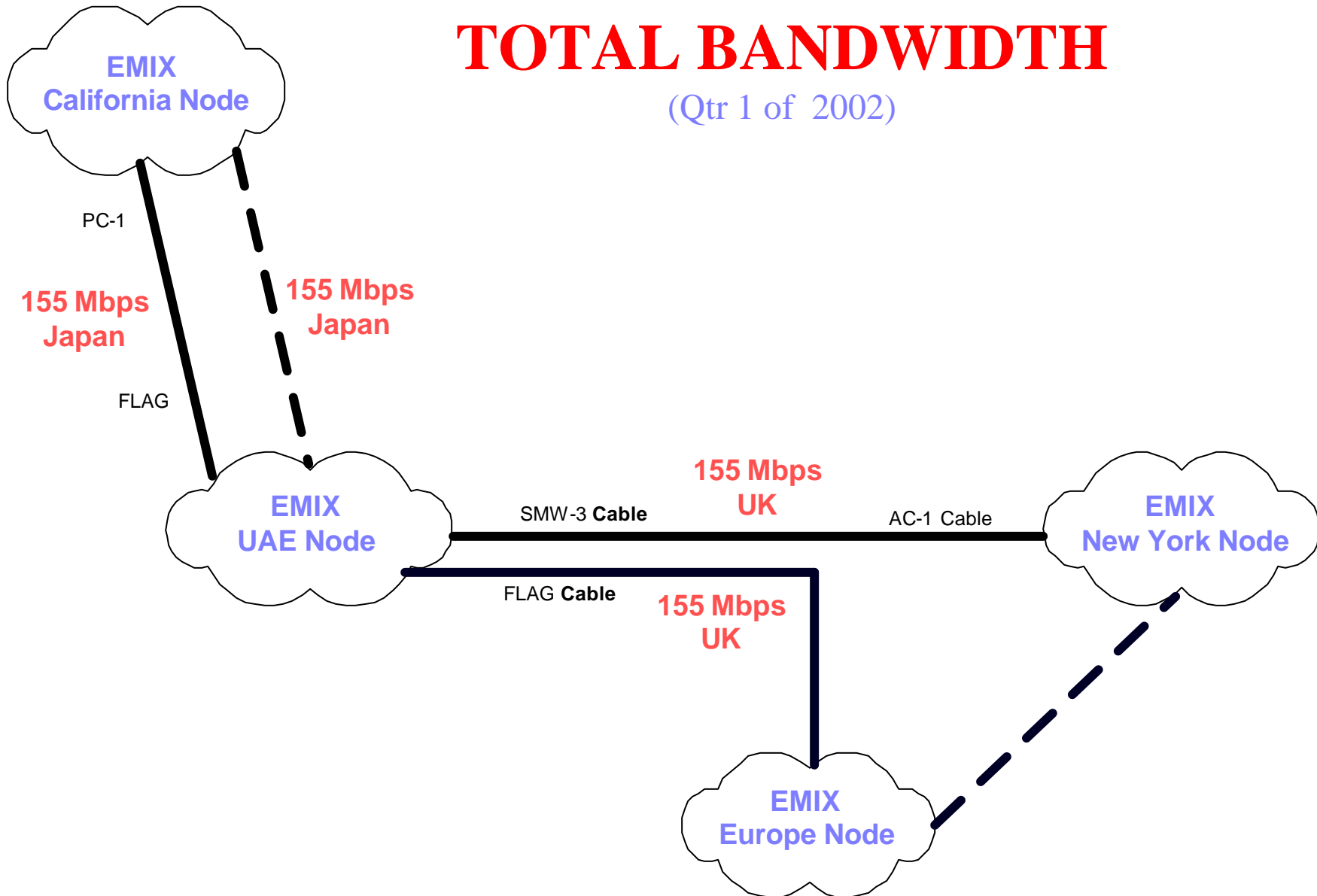
- **Located in UAE - Dubai**
- **24 x 7 manned,** In-band and Out-of-Band NMS
Technical Support by highly trained Staff
- **Assist you getting your own IP addresses**
- **Assist you to configure your own Network**
- **Cisco Network Support Agreement**
- **Smart-Net Support**
 - a. Bugs
 - b. Download software
 - c. Report Problem

EMIRATES INTERNET EXCHANGE NETWORK TOPOLOGY

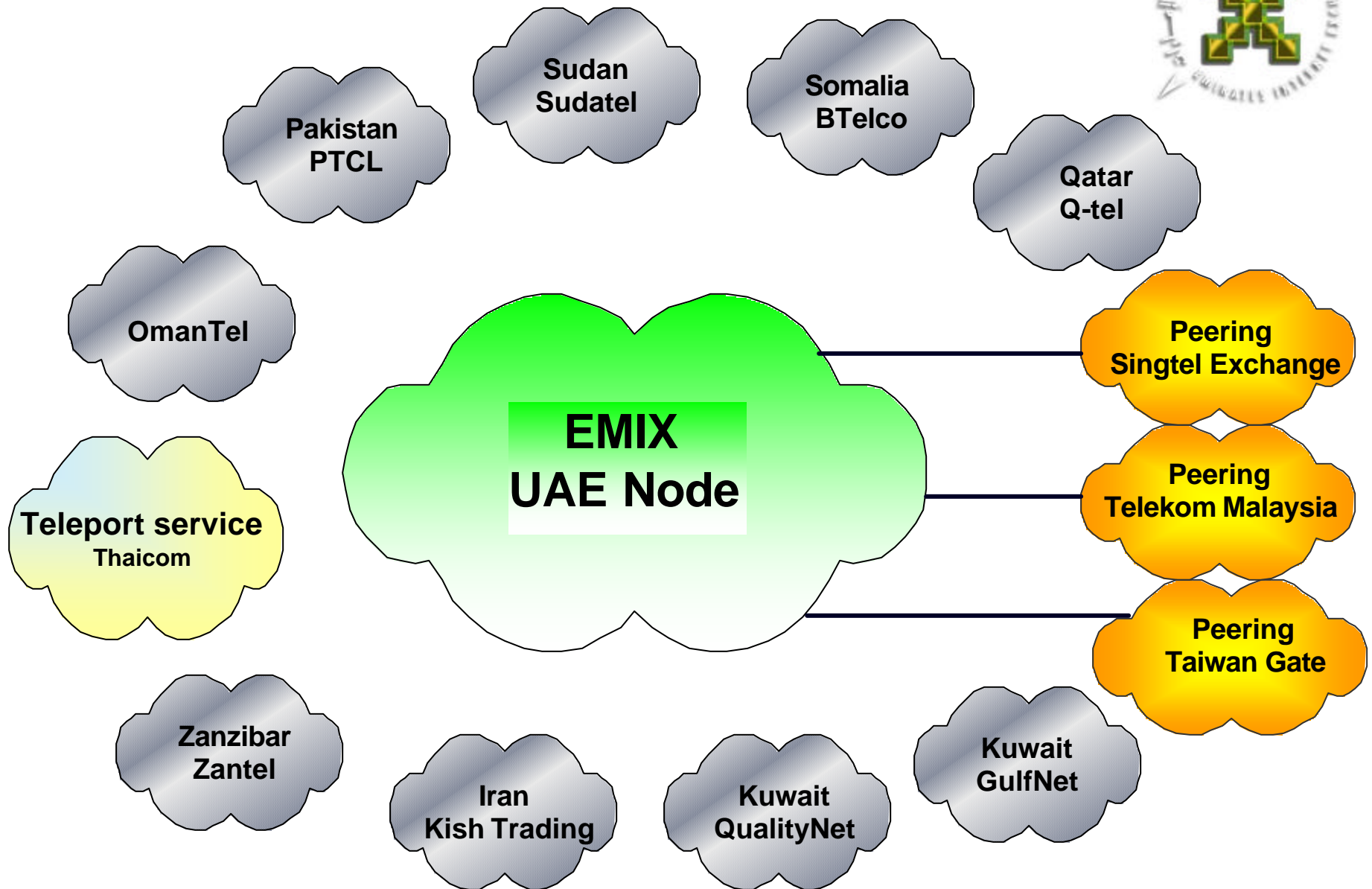


EMIX FUTURE TOTAL BANDWIDTH

(Qtr 1 of 2002)



EMIX Customers





EMIX

EMIX Contact address

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Tele **971 2 6184 784**

Mbl **971 50 6627 181**

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EMIX



THANK YOU

