stc

submarine cables

stc owns and operates the largest and most reliable submarine cable network in the Middle East.

Diversity Strategies for the cable network: different cable systems, east/west direction, Egypt crossing, terrestrial / subsea . Different submarine cable routes for diversity and resiliency.

stc submarine cable	length (km)	landing points
Saudi Vision	1,071	4
stc vision/2Africa	37,000	23
SEA-ME-WE 5	20,000	18
MENA	8,000	5
SAS2	330	2
EIG	15,000	12
EASSy	10,500	9
I-ME-WE	12,091	9
GBI	4573.6	9
SEA-ME-WE 4	20,000	17
SAS1	333	2
SEA-ME-WE 3	39,000	39
FLAG Europe Asia	28000	16

stc vision cable system

- To support KSA vision 2030, stc decided to build international submarine cable named "stc vision cable"
- stc Vision Cable is a submarine cable around the Arabian Peninsula, connecting stc Data Centers in (KSA, Bahrain , and Kuwait) to Europe with multiple segments and landing points.
- Saudi Vision Cable includes three major segments i.e.: Gulf Segment, Europe Segment & National Red Sea Segment.

LEGEND

- Submarine Cable
- Connected Country
- Domestic Network
- Landing Station
- Border Crossing
- 5G coverage
- International Presence PoPs

wholesale international reach

the future is connected

terrestrial and cross-borders capabilities

- 15 cross-border connectivity points with 13 carriers that can handle capacity of up to +10Tbs.
- +250,000 Km of terrestrial fiber cables.
- +60 national network rings forming a full-mesh architecture.
- Robust national infrastructure including SDH, DWDM, OTN and MPLS networks.

landing stations

stc's submarine systems are fully diversified through multiple landing stations and routes with no single point of failure.

Jeddah 1,2&3   Yanbu   Al Khobar   Haql   Duba

stc has multi diversified beach manholes for its current submarine cable systems. It also has many diversified Cable landing stations (CLS), three CLS submarine cable stations in Jeddah, which are: AL-Salamah Building, Alrowis Building and Al-Mujamah Building. Also , one CLS at Duba , and one CLS at Yanbu , and one CLS at Haql , and one CLS at Al Khobar.

The submarine cable systems are distributed among these four stations

Cable stations are linked with a self-healing ring for restoration or in case of rerouting and interconnection between stations and MG data centers and borders.

Al Khobar station is linked to MG data center in Jeddah, which is linked to all submarine cable systems, and GCC borders points via stc's extensive, diverse and redundant terrestrial network.

MENA gateway (MG1):

A world class data center, located in Jeddah, KSA, offering one-stop-shop for international customers' needs, including global connectivity.

MG1 offering:

- Co-location and hosting
- Cross connect
- Network connectivity
- Access to

JEDIX

Jeddah Internet Exchange is the first international internet exchange point, delivered in partnership with top tier IXP, collocated inside MENA Gateway (MG1) DC, enables regional and global businesses to peer at a central meeting point for international connectivity.

Features & Benefits:

- 100% uptime guarantee for individual ports
- Various ports speed options: 1GE, 10GE and 100GE
- 24/7 technical and operational support
- Ultra-secure facility
- Dense and diverse subsea cable connectivity
- Direct access: to the region and GCC Countries

VOICE GATEWAY:

- stc is covering the world with around 600 internationalvoice and roaming partnerships spreading +180 countries
- stc is serving 22+ million roamers around the world
- stc has established LTE roaming agreements with75+ international operators

international presence (MPLS PoPs) & IGW:

12 MPLS PoPs around the world to offer MPLS services for regional and international clients

MPLS PoPs:

- UAE - Dubai
- UK – London
- Bahrain-Manamah
- Singapore-Equinix
- Jordan-Amman
- Qatar-Doha
- Kuwait-Kuwait
- Djibouti-Djibouti

IGW:

- Interxion FRA4 & FRA5 Frankfurt
- Equinix AM5 Amsterdam
- Digital Reality London
- Equinix Singapore