

## Introducing Telecom Egypt's New Data Center

Telecom Egypt has completed the first phase of Egypt's largest international data center facility. It will be the first in the country to obtain all three of the Uptime Institute's certifications in the Design, Constructed Facility, and Operational Sustainability categories.

In 2021, the data center was granted the Tier III Certification of Constructed Facility while in 2020, it was granted the Tier III Certification of Design from the Uptime Institute after a rigorous assessment of all aspects of the facility and its operations.



**Location:** B6, Smart Village, K28 Cairo Alexandria Road Cairo, Egypt  
**Capacity:** up to 2000 Racks in 4 Data Halls  
**Acquired Certification:** Tier III Certification of Constructed Facility and Tier III Certification of Design from uptime Institute

**Features:**

- In the heart of Cairo's Business Center (Smart Village)
- Uptime Institute Tier III certified facility
- Support Carrier Neutral Model
- Green data center
- International standard management & technical support
- Redundant telecommunication infrastructure
- International connectivity to global subsea systems
- Concurrently maintainable Tier III mechanical systems (Chillers, CRAH units, pumps, valves, and piping)
- Smart hands 24x7x365
- BMS building controls and DCIM
- Digital IP camera system for surveillance and monitoring inside the data center and around the premises
- Physical security: 24x7x365 security personnel patrols, multiple physical identification checks, anti-terrorism bollards, walk through metal detectors, X-ray scanners, Tube stile mantraps, Under Vehicle Scanning & CCTV
- VESDA fire alarm, white space FM200 firefighting, fire rated walls/doors, Liquid leak detection, Rodent repellent system.

# The Digital Hub



**Telecom Egypt** is one of the largest subsea cables operators in the region and will help you extend your network and reach to global destinations. As a perfectly centralized location in the heart of the world, Egypt has always served and will always serve, as a critical international hub for global communication network connecting Africa, Asia and Europe.

Telecom Egypt has over 160 years history serving its customers in Egypt, in the region and beyond, using state of the art technology, reliable infrastructure solutions and a wide network of submarine cables.

## Telecom Egypt's Data Centers

**READINESS OF DIGITAL ICT INFRASTRUCTURE**

Telecom Egypt's data center facilities are designed and built utilizing international standards architecture systems for data center systems and operational sustainability, delivering 99.99% Service Level Agreement.

Telecom Egypt owns and operates 6 commercial data center facilities located at diverse locations in Egypt. The 7th data center facility, Smart Village B6, was commissioned in 2021.

**CLIENT MIX**

**Neutral Data Center**

- Enterprise Government Cloud
- International Operators
- Cloud/OTT/IOT
- Local ISPs

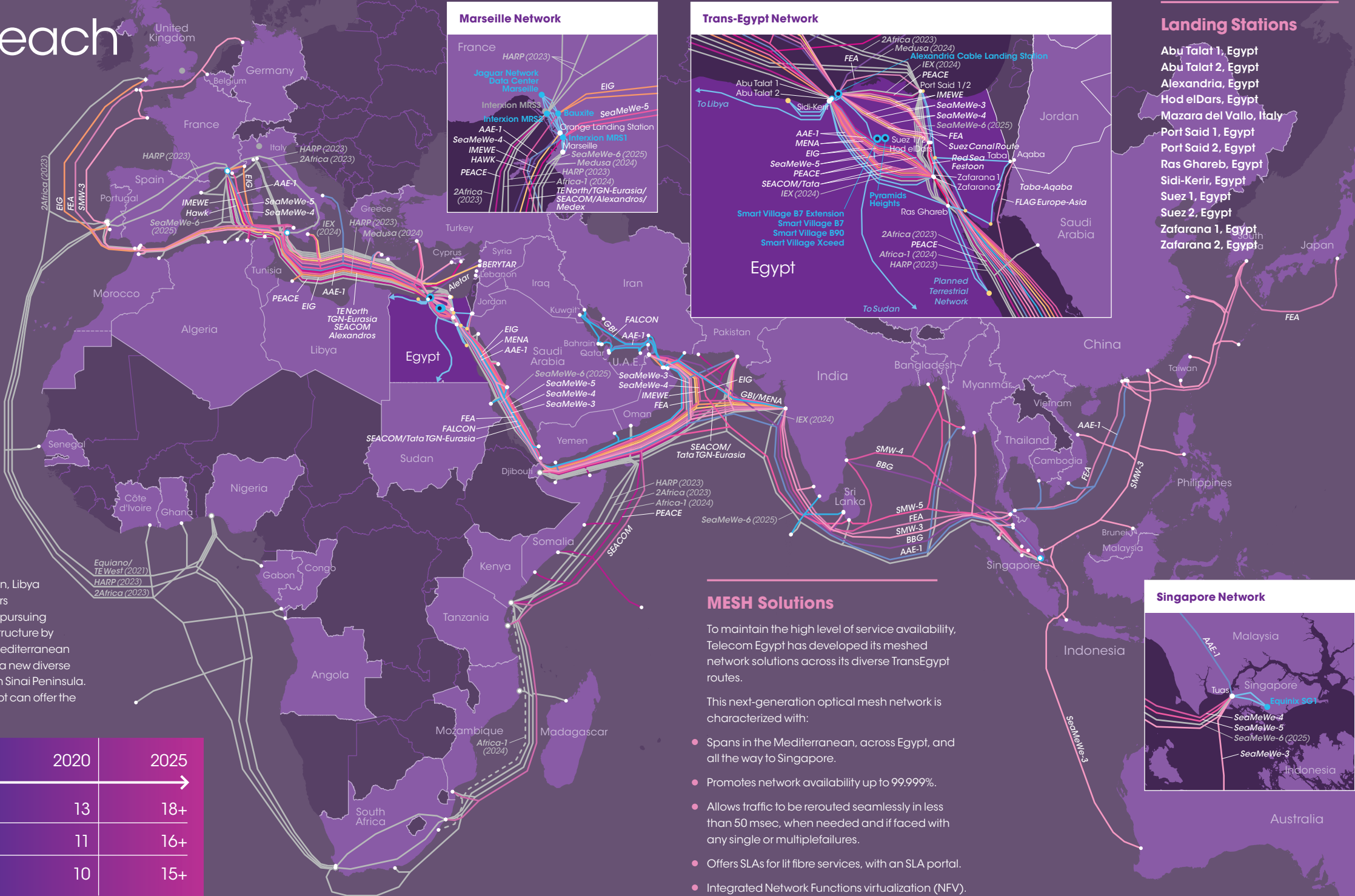


# Global Reach

## New Routes, New Landing Stations and New Cables

By continuously progressing its infrastructure and connectivity, offering more resiliency, diversity and protection, Telecom Egypt now owns and operates 10 subsea landing stations which are all connected over 10 diversified terrestrial crossing routes. Telecom Egypt connects 12 subsea cable systems from the East and 14 from the West, and is continuously serving and investing in more new ones with 2Africa, Africa-1, SEA-ME-WE-6, Equiano, IEX and Medusa on the way. The company is aggregating its existing and planned projects to offer end-to-end connectivity to Africa and connect both its east and west coasts to Europe via its new subsea system, the Hybrid African Ring Path (HARP), which will contribute to digitalisation across the continent. On the regional level, Telecom Egypt has extended its trans-border network reach to be also connected to neighboring countries such as Sudan, Libya and Jordan. Devoted to offer its partners geographic diversity, Telecom Egypt is pursuing its plans to boost its international infrastructure by building new landing stations on the Mediterranean and Red seas that will be connected via new diverse terrestrial and subsea crossing routes in Sinai Peninsula. The sky is the limit to what Telecom Egypt can offer the international community.

Progressions	2009	2020	2025
			➔
Submarine Cables	6	13	18+
Landing Stations	2	11	16+
Trans-Egypt Div. Routes	4	10	15+



### Landing Stations

- Abu Talat 1, Egypt
- Abu Talat 2, Egypt
- Alexandria, Egypt
- Hod elDars, Egypt
- Mazara del Vallo, Italy
- Port Said 1, Egypt
- Port Said 2, Egypt
- Ras Ghareb, Egypt
- Sidi-Kerir, Egypt
- Suez 1, Egypt
- Suez 2, Egypt
- Zafarana 1, Egypt
- Zafarana 2, Egypt

### In Service Cables

- TE North
- MENA
- AAE-1
- BBG
- EIG
- IMEWE
- SeaMeWe-3
- SeaMeWe-4
- SeaMeWe-5
- ALETAR/BERYTAR
- SEACOM
- Tata TGN-Eurasia
- Hawk
- FALCON
- FLAG Europe-Asia
- GBICS
- PEACE Cable

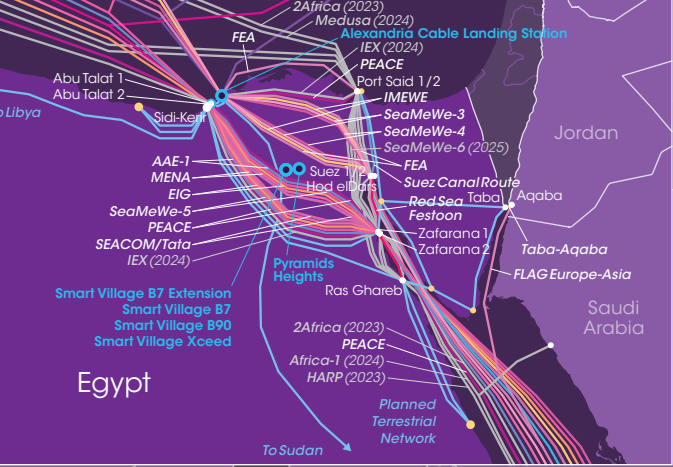
### Planned Cables

- Africa-1
- 2Africa
- Equiano/TE West
- HARP
- IEX
- SeaMeWe-6
- Medusa

### International Trans Border Terrestrial Cables

- Egypt-Sudan Terrestrial Cable
- Egypt-Libya Terrestrial Cable
- Taba-Aqaba

### Trans-Egypt Network



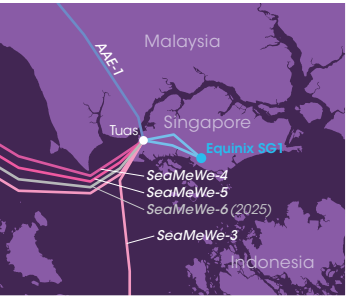
### MESH Solutions

To maintain the high level of service availability, Telecom Egypt has developed its meshed network solutions across its diverse TransEgypt routes.

This next-generation optical mesh network is characterized with:

- Spans in the Mediterranean, across Egypt, and all the way to Singapore.
- Promotes network availability up to 99.999%.
- Allows traffic to be rerouted seamlessly in less than 50 msec, when needed and if faced with any single or multiple failures.
- Offers SLAs for lit fibre services, with an SLA portal.
- Integrated Network Functions virtualization (NFV).

### Singapore Network



### Legend

- Submarine Cable
- Planned Submarine Cable
- Landing Station
- Planned Landing Station
- Data Center
- PoP
- Planned PoP