

Data Centers and Cloud Services during 5G era in the Greek Market

 **SPARKLE** | MOBILE
PLATFORM

 **SPARKLE** | CLOUD & DATA CENTER
PLATFORM

 **SPARKLE** | CORPORATE
MOBILE PLATFORM

 **SPARKLE** | MOBILE
PLATFORM

 **SPARKLE** | VOICE
PLATFORM

 **SPARKLE**

Sparkle Overview

Company data

Headcount

756

Countries of presence

36

Network coverage*

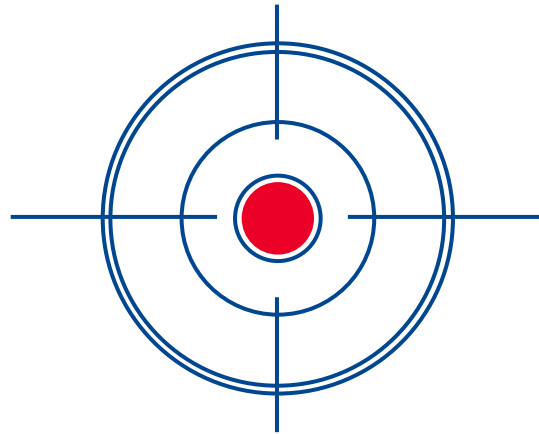
PoPs 140

PoPs via partners

> 1,000

Data as of December 2017

** Data as of March 2018*



Key figures

Voice Traffic

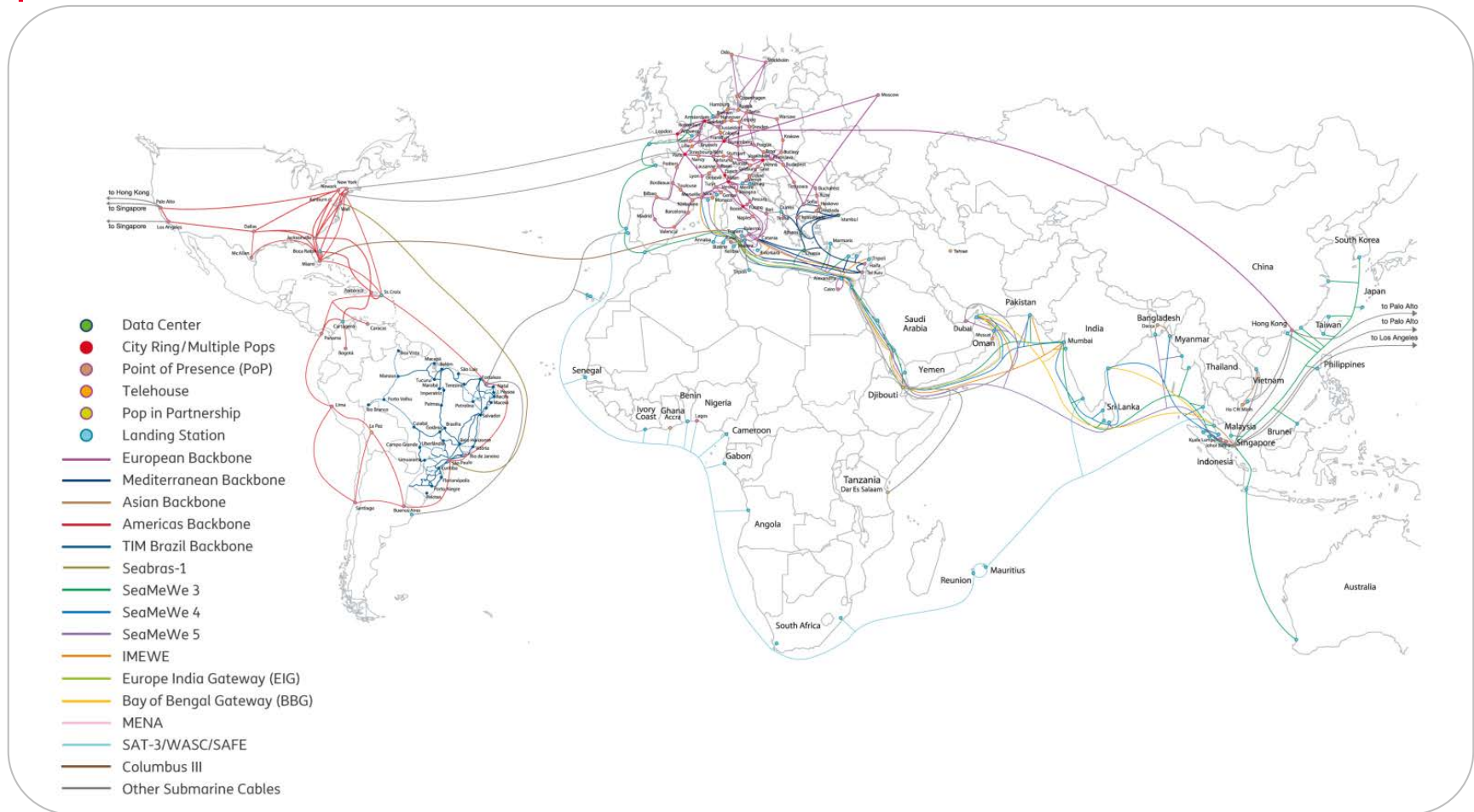
14.5 Bn minutes

Revenues

1.3 Bn €

Data as of December 2017

Sparkle Global Network



GLOBAL CAPABILITIES

- ▶ 75 cities in 39 countries
- ▶ 140 PoPs
- ▶ >1,000 PoPs through partners
- ▶ 41,000 km/fibre PEB
- ▶ 47,000 km Americas Backbone
- ▶ 10,800 km Mediterranean Backbone
- ▶ 18,000 km/fibre Italian network
- ▶ around 413,000 km submarine cables

Sparkle Global Portfolio

SPARKLE | IP&DATA PLATFORM

YOU CONNECT AND TOGETHER WE EVOLVE.

- SPARKLE | Seabone
- SPARKLE | Virtual NAP
- SPARKLE | City2City
- SPARKLE | IXP Connect
- SPARKLE | Ethernet Suite
- SPARKLE | Site2Site
- SPARKLE | Country2Country
- SPARKLE | Restoration



SPARKLE | CLOUD & DATA CENTER PLATFORM

YOU GROW AND TOGETHER WE EVOLVE.

- SPARKLE | IaaS Suite
- SPARKLE | Backup as a Service
- SPARKLE | Disaster Recovery as a Service
- SPARKLE | Professional Services
- SPARKLE | MultiCloud Suite
- SPARKLE | YourCloudStore
- SPARKLE | Cloud Tailored Services
- SPARKLE | Vertical Services
- SPARKLE | Sicily Hub
- SPARKLE | Greece Data Centers
- SPARKLE | Turkey Data Centers
- SPARKLE | Miami Data Center
- SPARKLE | Global Data Center
- SPARKLE | Data Center Connect
- SPARKLE | Cloud Connect



SPARKLE | CORPORATE PLATFORM

WE COLLABORATE AND TOGETHER WE EVOLVE.

- SPARKLE | Ethernet Suite
- SPARKLE | Carrier MPLS
- SPARKLE | IP VPN Suite
- SPARKLE | Site2Site
- SPARKLE | Global Connect
- SPARKLE | Data Center Connect
- SPARKLE | Cloud Connect
- SPARKLE | Bandwidth on Demand
- SPARKLE | Outsourcing Solutions
- SPARKLE | Communication Solutions
- SPARKLE | Security Solutions
- SPARKLE | Media Solutions
- SPARKLE | eHealth Solutions



SPARKLE | MOBILE PLATFORM

YOU MOVE AND TOGETHER WE EVOLVE.

- SPARKLE | IPX
- SPARKLE | GRX
- SPARKLE | Global Signalling
- SPARKLE | LTE Diameter Signalling
- SPARKLE | Signalling Protection Suite
- SPARKLE | SMS Transit
- SPARKLE | SMS Booster
- SPARKLE | Voice & SMS Express
- SPARKLE | Outbound Roaming Solution
- SPARKLE | VoLTE Transit and Roaming



SPARKLE | VOICE PLATFORM

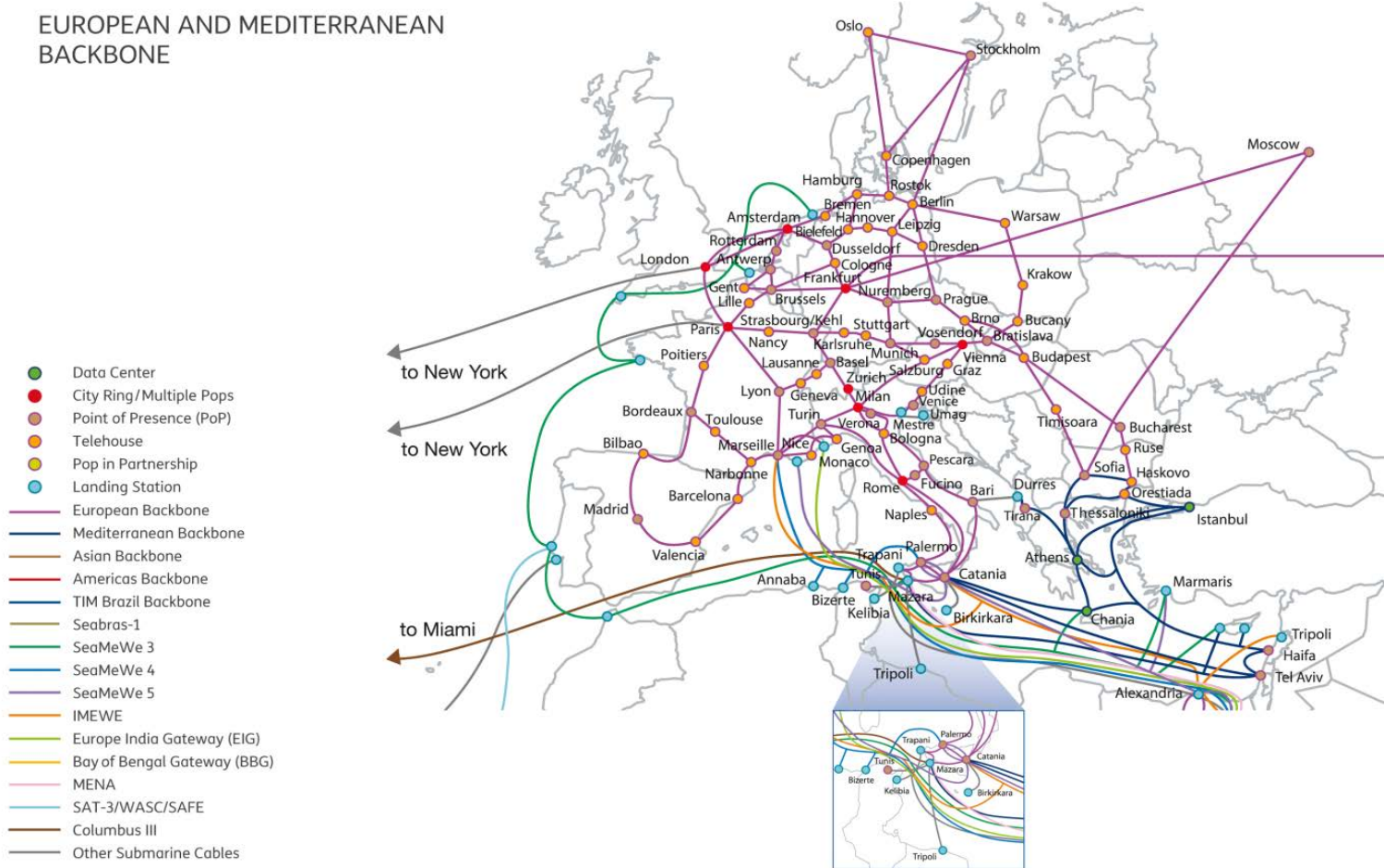
YOU TALK AND TOGETHER WE EVOLVE.

- SPARKLE | Best Voice Transit
- SPARKLE | W.A.V.E. Voice Outsourcing
- SPARKLE | IPX
- SPARKLE | High Definition Voice
- SPARKLE | Access Services
- SPARKLE | Barrier Antifraud Services
- SPARKLE | Voice & SMS Express



Focus on Key Regional Backbones: Europe & Mediterranean

EUROPEAN AND MEDITERRANEAN BACKBONE



Greece Network and DCs



Cloud & Data Center Solutions

Data Center

*6 DC Hubs Worldwide
Located*

Colocation

*Best Technology in
the Market*

Power

*Everything you need to be
connected*

Cabling

*360° Data Center
Support*

Colo
Professional
Services

With

*Int'l Global
Network
Inside*

Cloud

IaaS

Scalable and Flexible

Security

*"Best of Breed" Strong
Authentication Service*

Online
Marketplace

*Self-Management white
label marketplace and
Advanced SaaS*

DaaS

*High business agility and
continuity*

Cloud Storage

*Secure, Robust and
Scalable*

ERP
Infrastructure

*ERP processes acceleration
solutions*

Live Connect

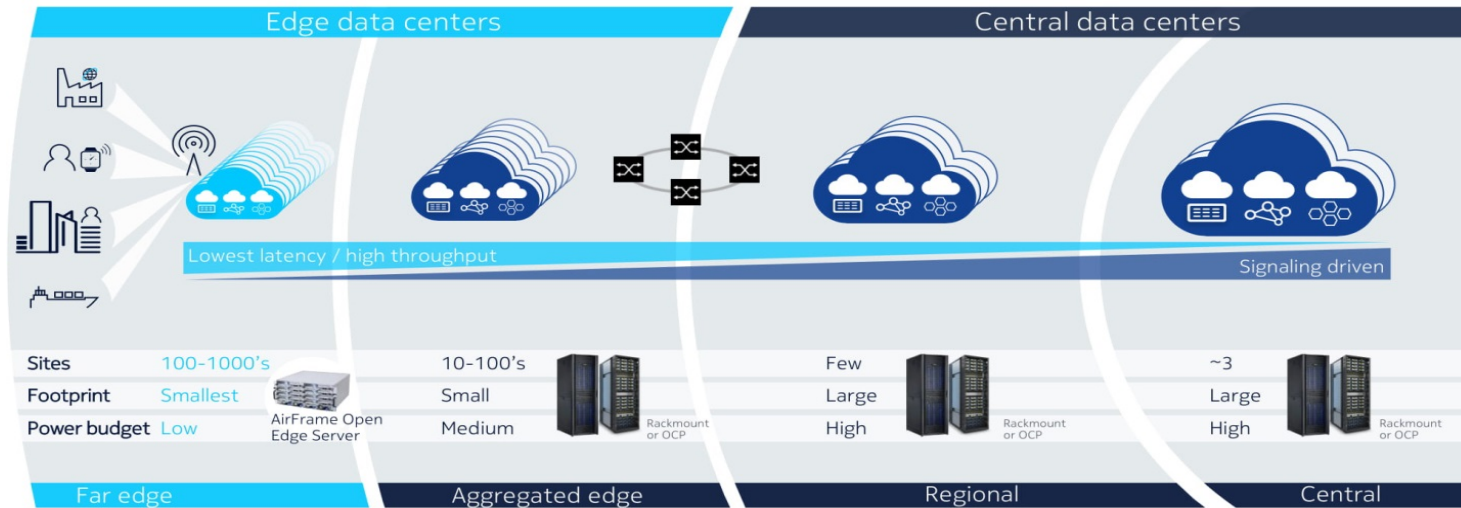
*The fastest way to
communicate with
customers*

5G era

5G is often thought of as throughput, capacity, speed, latency. All true. But 5G is not just a radio technology. It will determine a profound transformation in the core network, in the platforms that route traffic and in the data centers that content is stored.

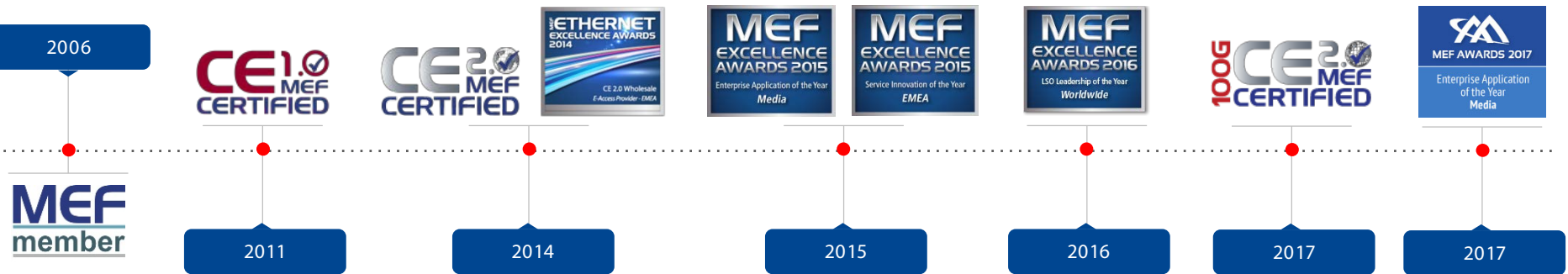
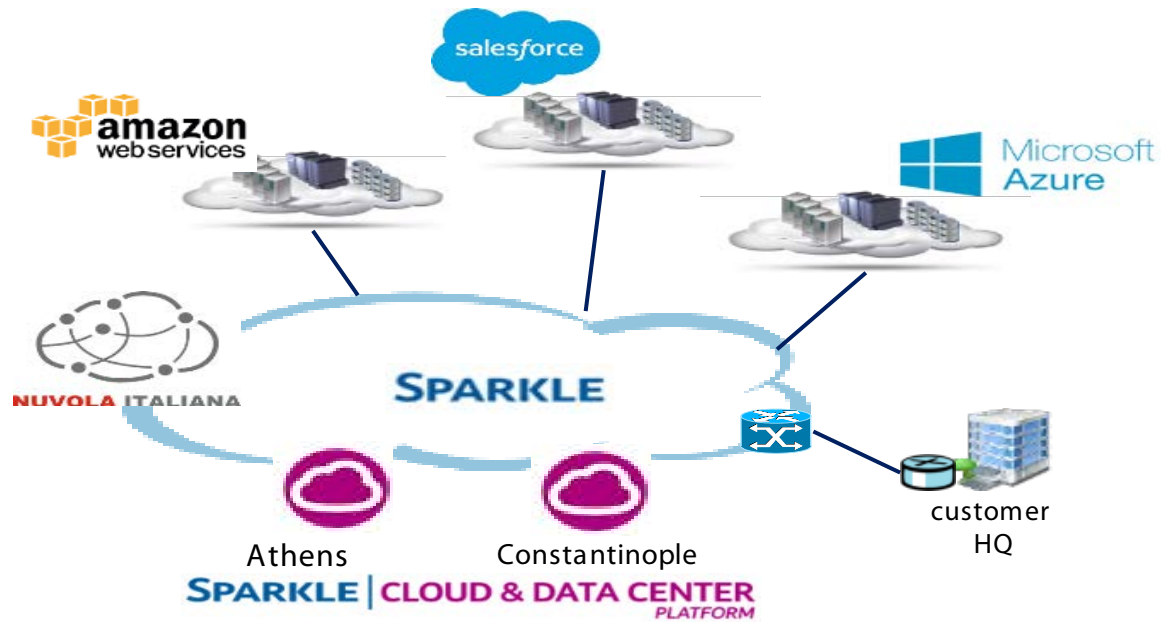


Networks and Data Centers in 5G era



- Network Softwarization
- Communication through APIs
- Service implementation in minutes instead of days
- Network Slicing, bandwidth on demand of apps
- Computing intelligence closer to the end points of network (edge-centers) instead of remote mega centers
- Regional data centers connected with fiber networks and distributed cloud architecture is the connecting block

Sparkle leading role at MEF



Thank You