

## *Cloud Services Connectivity*

 **SPARKLE** | IP&DATA  
PLATFORM

 **SPARKLE** | CLOUD & DATA CENTER  
PLATFORM

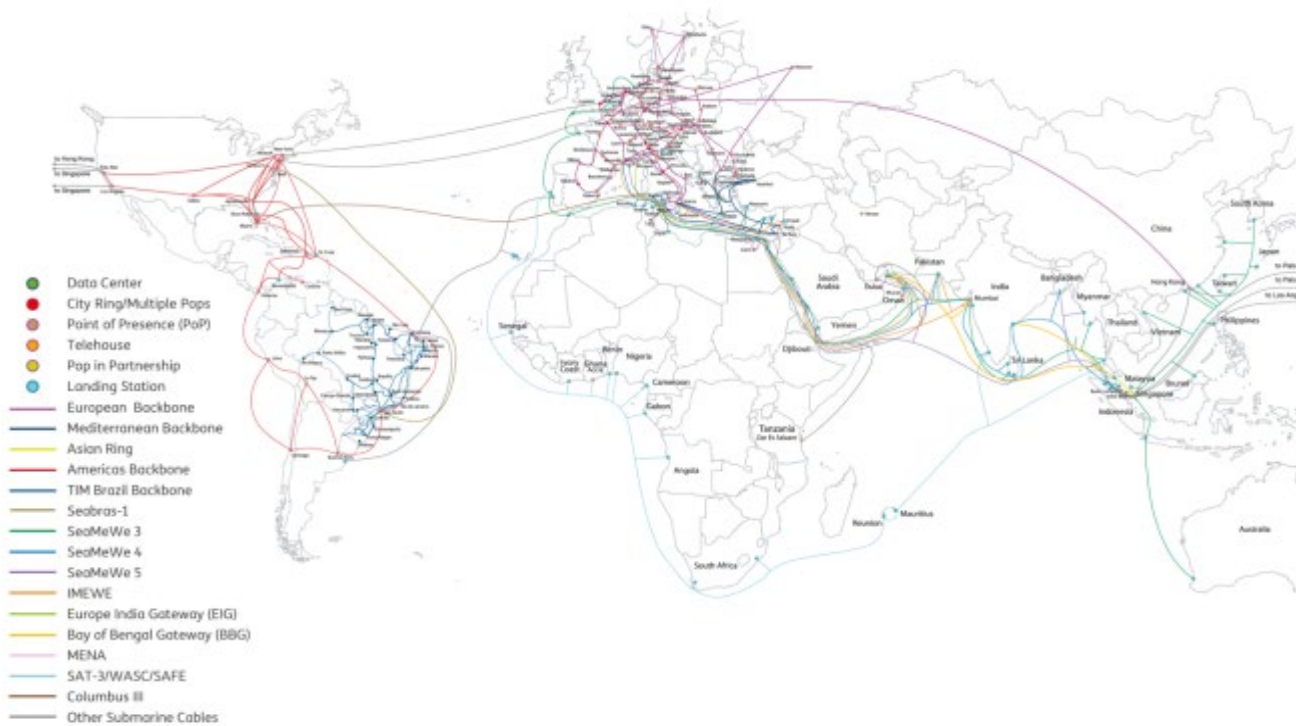
 **SPARKLE** | CORPORATE  
PLATFORM

 **SPARKLE** | MOBILE  
PLATFORM

 **SPARKLE** | VOICE  
PLATFORM

 **SPARKLE**

# Sparkle Global Network

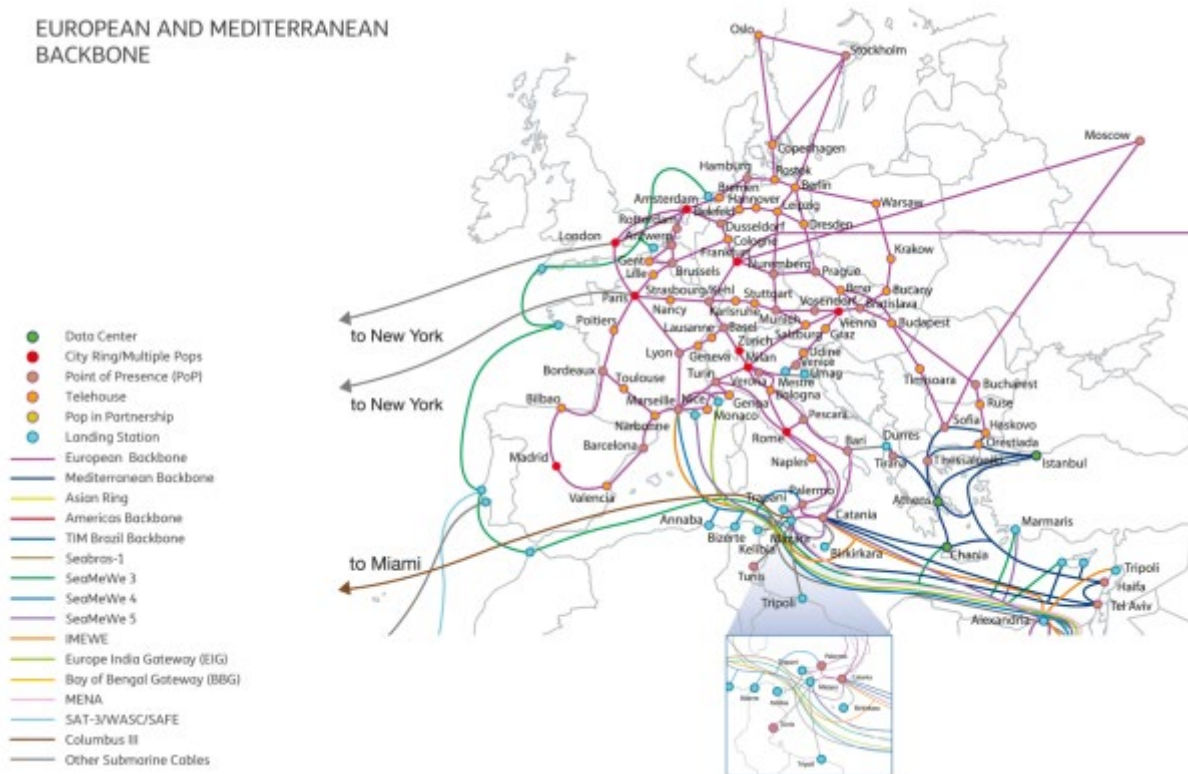


## GLOBAL CAPABILITIES

- ▶ 74 cities in 37 countries
- ▶ 122 PoPs
- ▶ >1,000 PoPs through partners
- ▶ 45,000 km/fibre PEB
- ▶ 36,000 km LAN
- ▶ 10,800 km MED
- ▶ 14,000 km/fibre Italian network
- ▶ over 450,000 km submarine cables

# Focus on Key Regional Backbones: Europe & Mediterranean

EUROPEAN AND MEDITERRANEAN BACKBONE



- Increased network capillarity in Europe

- Unique protection from Istanbul to Europe through terrestrial and submarine networks

- New diversified and protected backbone links in the Balkans that represent an alternative route to connect Europe to Africa, Middle and Far East

- New POP in Moscow for the offering of Corporate services



# Greece Network and DCs



# Cooperation & Partnership



## PARTNER



*Full customer management*



*Meet Customer needs*



*Revenue increase, Lower time-to-market*

## SPARKLE



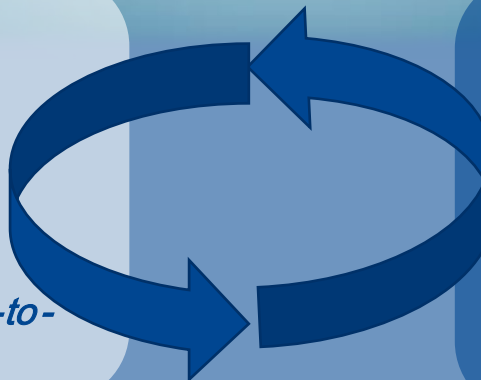
*In-house development & customization capabilities, leading to cost effectiveness*



*Solid business processes throughout the value chain, constantly updated with best practices*



*Wide portfolio covering all customer segments*



# 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**

***A modern DC born  
to offer Telco and MNC's  
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*

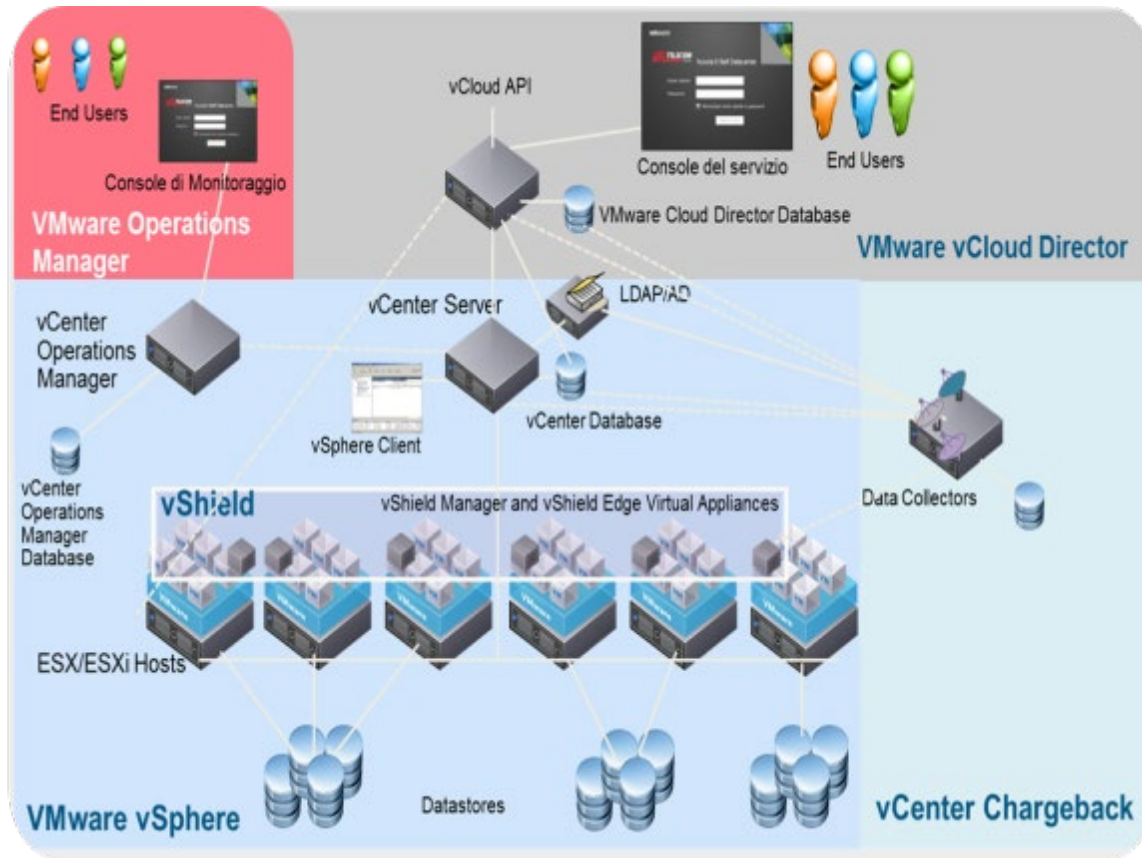
***An innovative and wide  
service portfolio***

***...and a unique Set of Cloud/Data Centers and Network Infrastructure***



# IaaS Solutions - Self Data Center (SDC)

- SDC service is based on VMware Cloud Director and other components of VMware Cloud Infrastructure Management (vSphere, vCloud Director, vShield, vCenter Chargeback evCenter Operation, on-going deployment NSX-V).*



*Sparkle **Self Data Center** delivers cloud computing for existing datacenters by pooling virtual infrastructure resources and delivering them to users as catalog-based services.*

# NEW Solutions!

POWERED BY  
**Zerto**

## DRaaS

- ✓ Better Odds of Success  
by eliminating the need of strong  
DR competencies and focusing  
on core business
- ✓ Server and Storage  
Motion
- ✓ Reduced Recovery Time
- ✓ Cost Reduction
- ✓ Ease of Management
- ✓ Remarkably Effective
- ✓ Scalability
- ✓ Application  
environment Recovery
- ✓ Granularity (VM-level  
protection)
- ✓ Hardware-agnostic



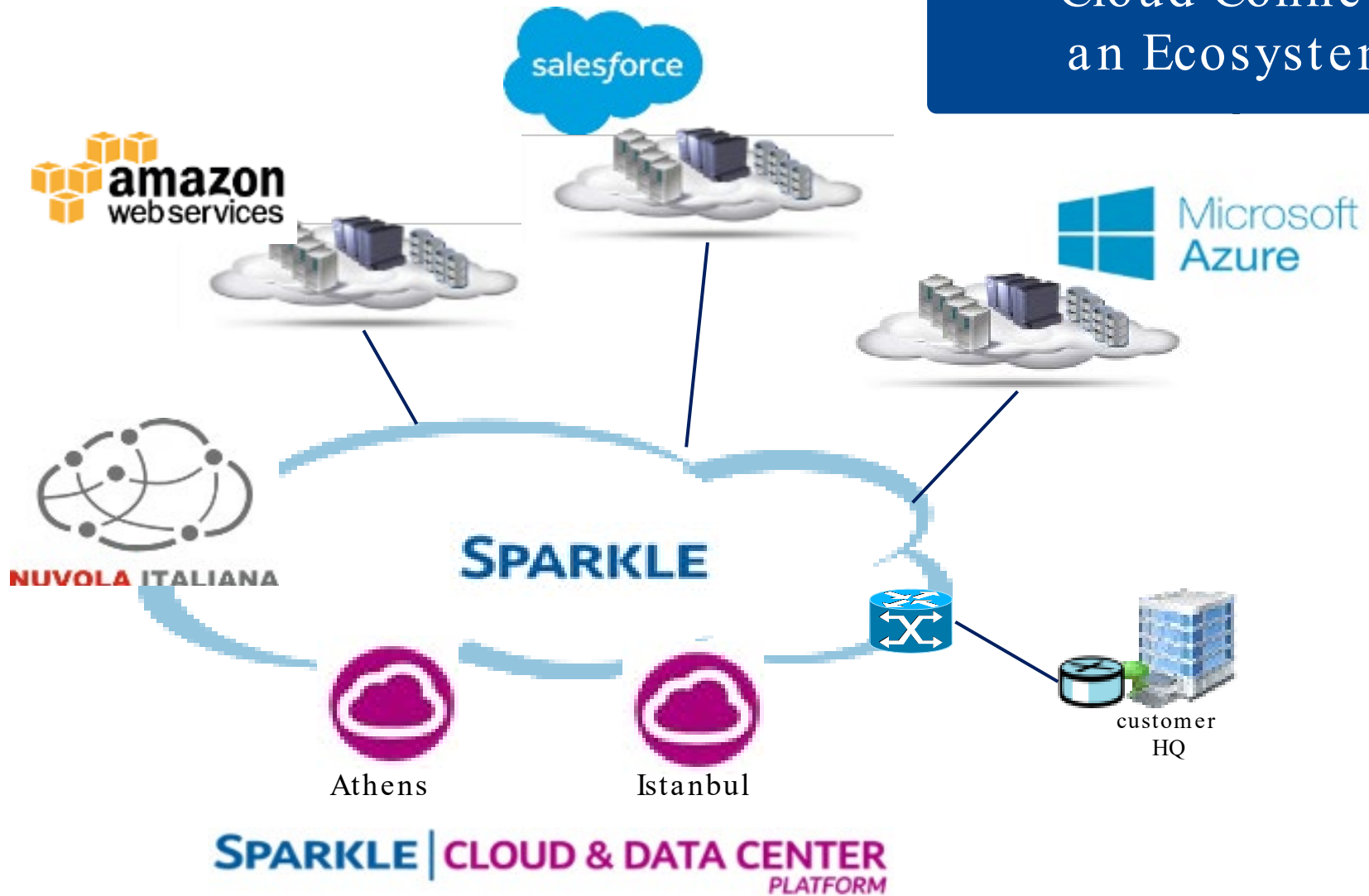
- ✓ Infrastructure Services  
for **SAP HANA** are  
deployed in TI Sparkle  
DCs with Collaboration  
with a **SAP Certified  
hardware vendor** such  
as **IBM**.
- ✓ SAP HANA  
Infrastructure is provided  
via a **monthly  
subscription**.
- ✓ Customers bring their  
on-premise SAP HANA  
licenses which will be  
deployed on their SAP  
HANA Infrastructure  
Services. It automatically  
provides the provisioning  
of SAP HANA software.



- ✓ **Sparkle reseller of Greek  
Internet Exchange (GR-IX).**  
Exchange traffic and  
interconnect with all internet  
players in Greece.
- ✓ **Buy GR-IX ports directly  
in the three Data  
Centers  
(Metamorphosis, Koropi,  
Chania).**
- ✓ **New Option: GRIX port +  
Connectivity from your  
premises to Sparkle's  
DCs**
  - ✓ *Protected*
  - ✓ *Guaranteed*
  - ✓ *One-Stop shop*



# Cloud Connect an Ecosystem



# Cloud Connect - THE OFFER



## WHAT IT IS

- **Cloud Connect** extends Customer's network into the cloud capabilities of the most important Cloud Providers using a dedicated private connection.
- With **Cloud Connect** the Customer can establish private connectivity to multi-player cloud services, such as Microsoft and AWS

## NEEDS TO SATISFY

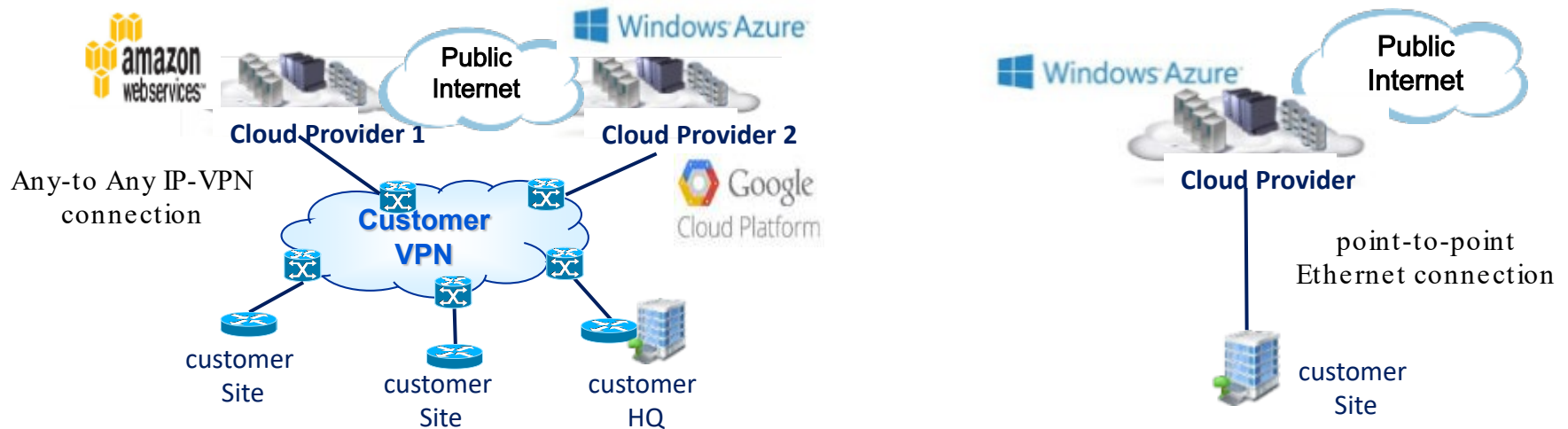
- **Cloud Connect** offers more **reliability**, **higher speed**, **lower latencies**, and **higher security** than typical connections over the Internet, providing a more consistent network experience than Internet-based connections.

## WHO NEEDS CLOUD CONNECT?

- Domestic Carriers who want to extend their reachability/offer to the main Cloud Providers
- Corporates who would like to enjoy a direct connection with their cloud installations

## HOW

- Connectivity can be based on IP VPN or a point-to-point Ethernet link
- Connectivity can be managed or unmanaged



## Cloud Connect - Benefits

Cloud Connect offers important benefits in terms of performances and geographic reach:

- Opportunity to reach, quickly and easily, the Cloud Providers already interconnected
- Reliability, guaranteed bandwidth, low latencies, and high security
- Customer retains full control of its negotiations with Cloud Provider
- Bandwidth scalability
- Certainty of project economics (flat rate)





Thank You