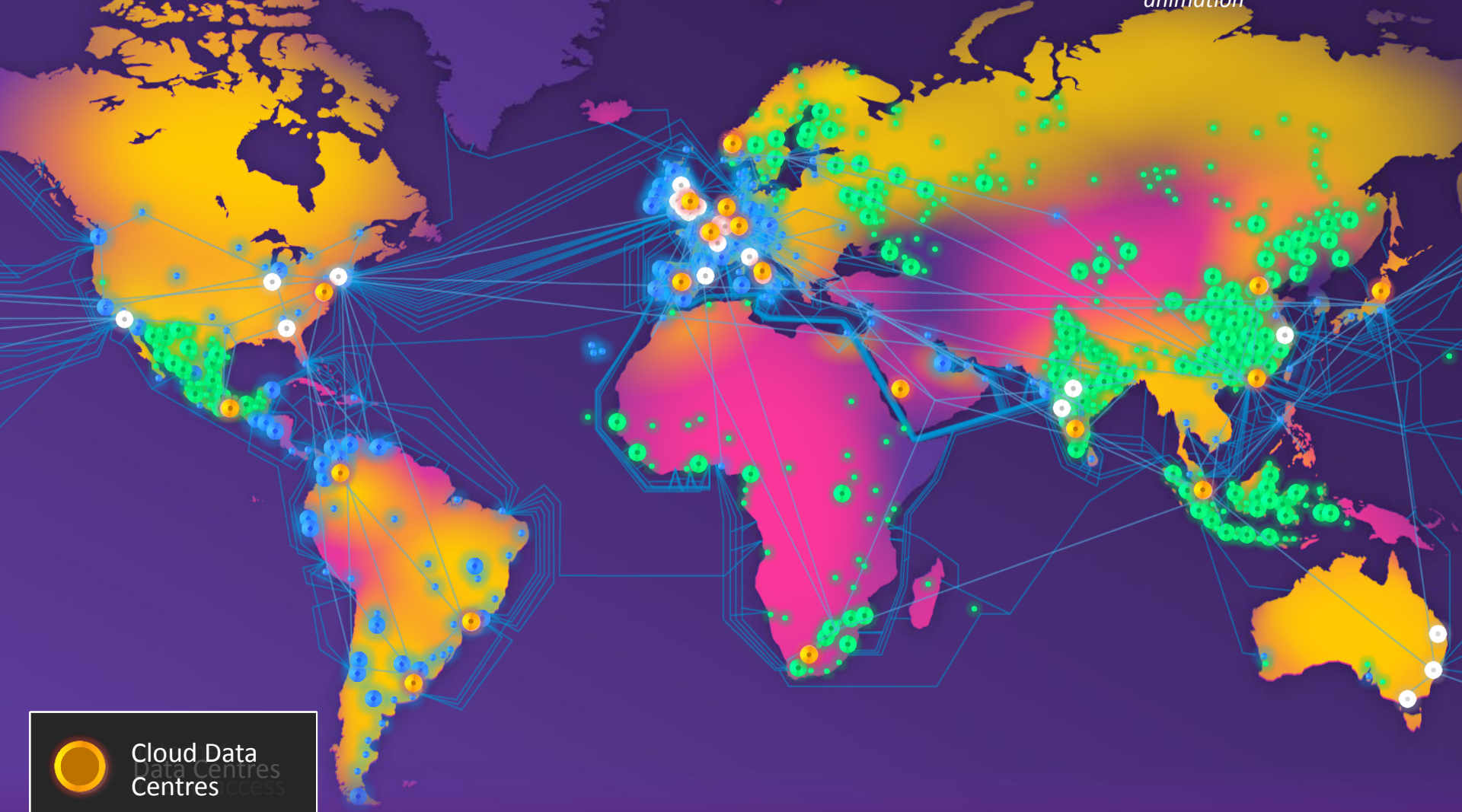# BT Cloud Services

Overview

BT Compute – our global network PoPs and Data Centre locations ensure users are always close to our highly performant IT services
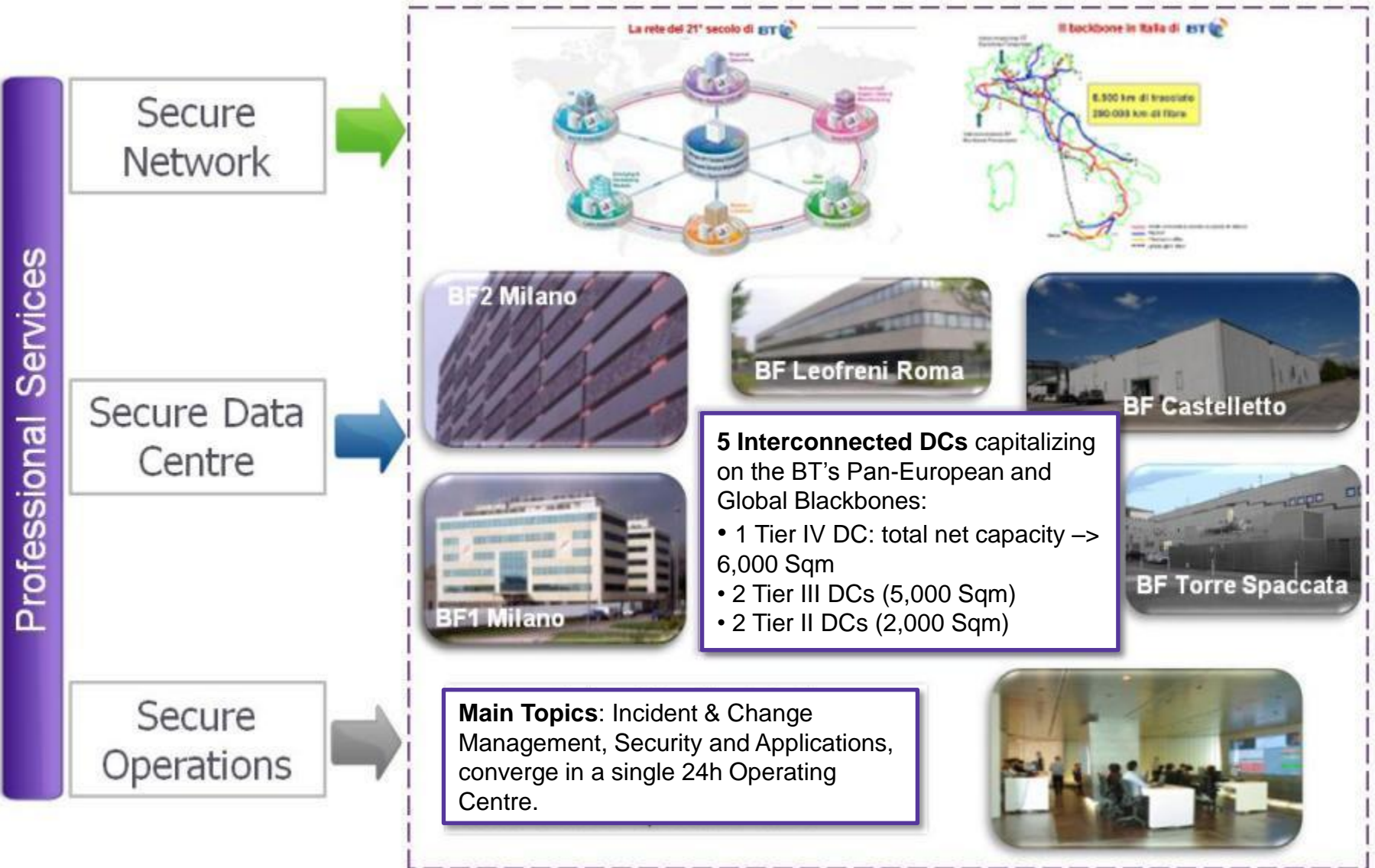
animation

Cloud Data Centres

● POPs	— Subsea cables	— Connections	● NNIs	● Ethernet	● Internet based access	● Data Centres	● Cloud Data Centres

Focus on Italy - BT's Secure Infrastructure

Professional Services

Secure Network

Secure Data Centre

Secure Operations

BF2 Milano
BF Leofreni Roma
BF Castelletto
BF1 Milano
BF Torre Spaccata

5 Interconnected DCs capitalizing on the BT's Pan-European and Global Blackbones:
• 1 Tier IV DC: total net capacity –> 6,000 Sqm
• 2 Tier III DCs (5,000 Sqm)
• 2 Tier II DCs (2,000 Sqm)

Main Topics: Incident & Change Management, Security and Applications, converge in a single 24h Operating Centre.
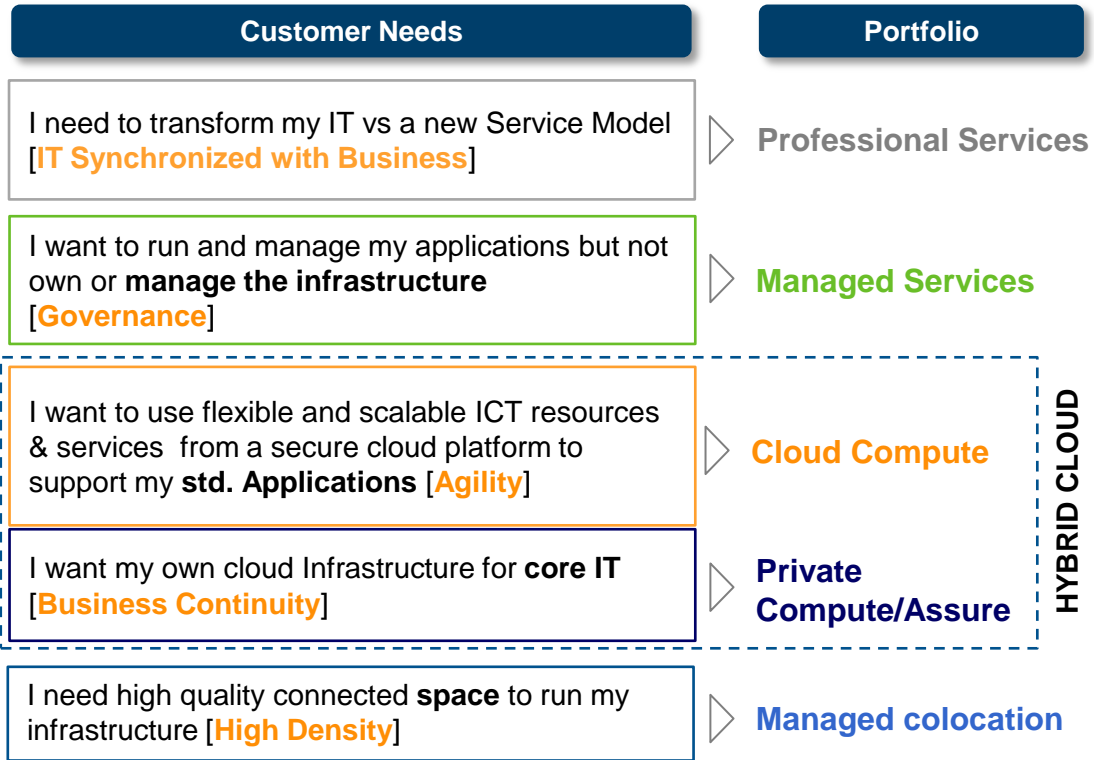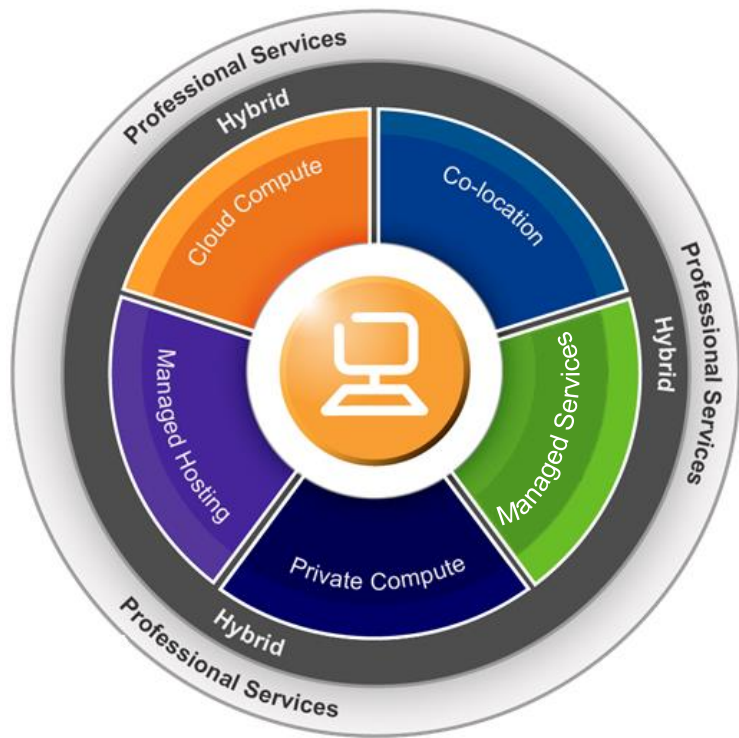
Business Factory 2
Settimo Milanese (Milan, Italy)

Born to guarantee customers' business continuity by effectively planning and actively managing ICT infrastructures and related services.

BT Compute & Assure Portfolio – Existing Portfolio

Customer Needs	Portfolio
I need to transform my IT vs a new Service Model [**IT Synchronized with Business**]	**Professional Services**
I want to run and manage my applications but not own or **manage the infrastructure** [**Governance**]	**Managed Services**
I want to use flexible and scalable ICT resources & services from a secure cloud platform to support my **std. Applications** [**Agility**]	**Cloud Compute**
I want my own cloud Infrastructure for **core IT** [**Business Continuity**]	**Private Compute/Assure**
I need high quality connected **space** to run my infrastructure [**High Density**]	**Managed colocation**

HYBRID CLOUD

BT Value Added Services

- **Network** Mgt. & Optimization
- **Data Center** Infrastructure Management
- **Systems Mgt**. (physical / Virtual)

- **Data Base** Mgt.
- **Data Protection** (Back-up Mgt.)
- **Security services & Business Continuity**

- **SAP infrastructure** Mgt.
- **Performance** / Capacity Mgt.
- **Assurance / Inventory /** Configuration Mgt.

BT Cloud Compute – Existing Features

- **Global Cloud Service Integrator:** enable seamless, secure and cost effective integrator capabilities and create a platform for data/content aggregation and distribution for Partners and Customers
- **Integration of Cloud and non Cloud services**, from BT and 3rd party Provides through a single open interface
- **Global Availability** / **End-to-End performance & service** / **Commercial flexibility** (pay-as-you-go model)

BT Cloud Compute – How it works

BT Compute Colocation — Facilities Co Location and Telehousing

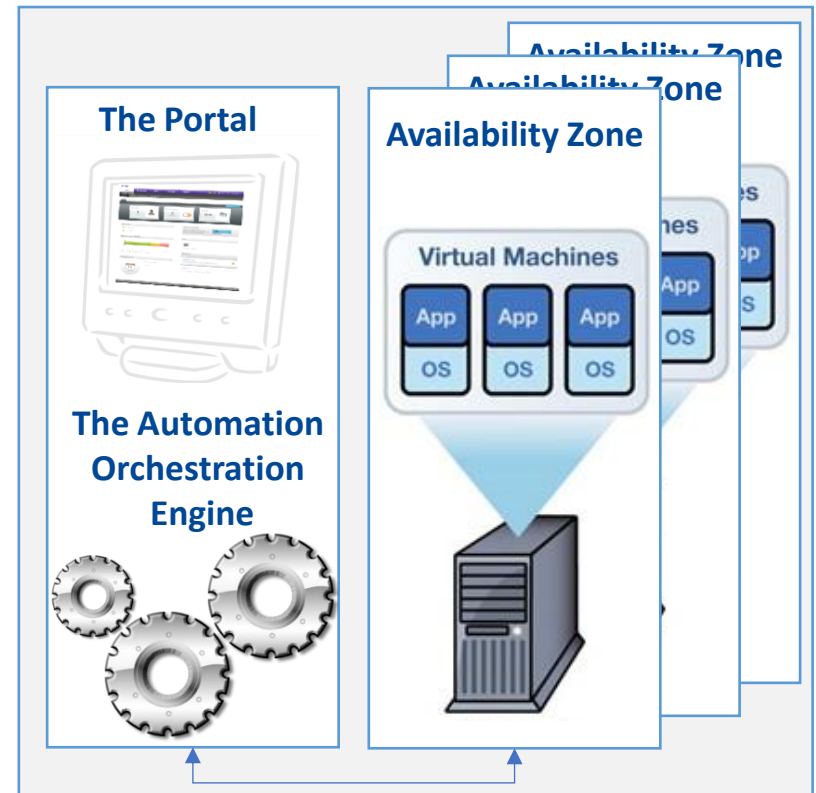**BT Compute Managed Hosting** (on and off premises)

BT Cloud Compute — Public and Private IaaS

BT Compute Connect — NFV – Routing, Switching, VPNs, Acceleration, Cisco InterCloud

Today

The Portal

The Automation Orchestration Engine

Availability Zone

Virtual Machines

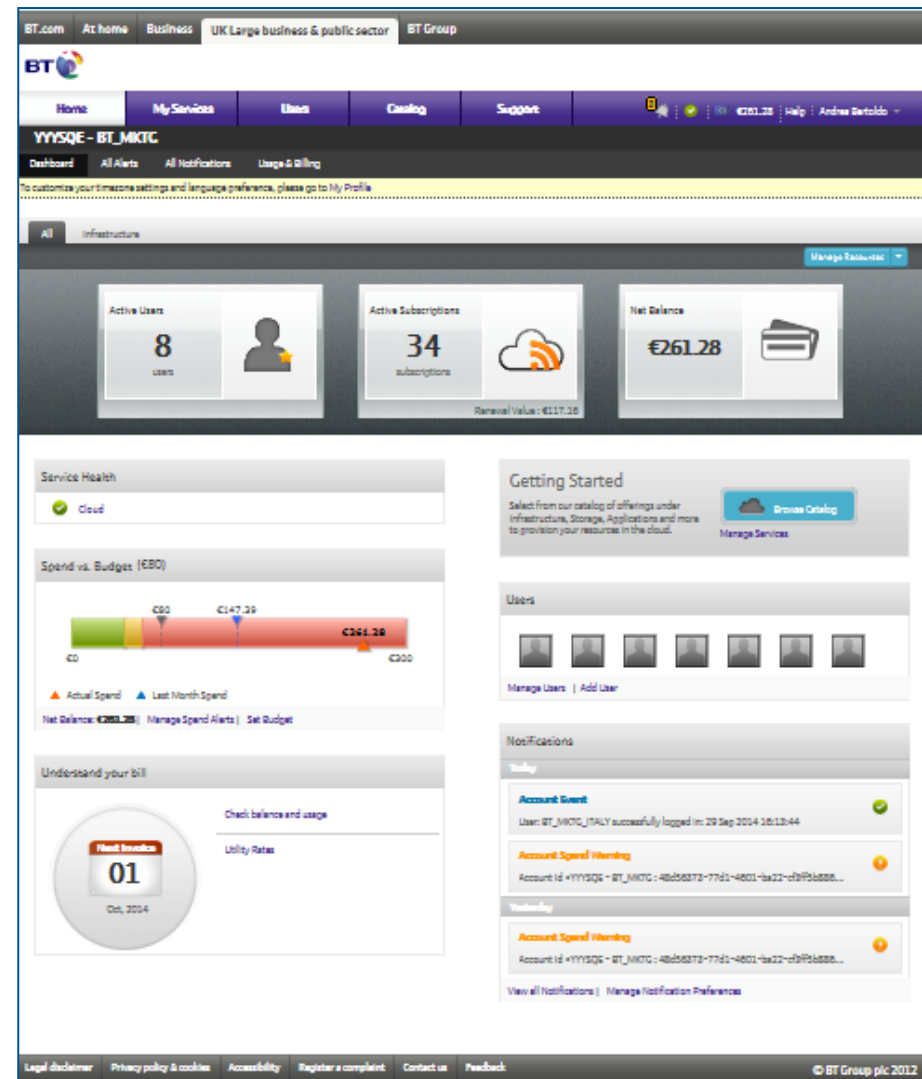| App	App	App
OS	OS	OS

BT Cloud Compute – Customer's value

Cloud Compute is the BT "IaaS" platform to address the demanding requirements Customers have for Cloud

- **Global coverage** (19 sites)
- **Local Assurance and Delivery**
- Enabled by "**proximity Data Centres"**
- **Performances** with minor latency
- **Security/Compliance** with Data stored in country
- **Self-provisioned** or **Managed**
- **OPEX Model** (PAYG hour/month/annum)
- **Fast & Scalable** to manage the business needs demand variability
- Customer **Self-Service Portal** with automated and real-time provisioning/change
- Access through Internet & BT **Secure MPLS**
- I**ntegration with Private Cloud (Hybrid Cloud)**
- **SLA "end to end" for IT & Network** services (SOC & NOC integration)
- **Open source Orchestrator** (Citrix – Cloud Stack)

BT Compute. Services that adapt

BT Cloud Compute - Evolution

- **Global Cloud Service Integrator:** enable seamless, secure and cost effective integrator capabilities and create a platform for data/content aggregation and distribution for Partners and Customers
- **Integration of Cloud and non Cloud services**, from BT and 3rd party Provides through a single open interface
- **Global Availability** / **End-to-End performance & service** / **Commercial flexibility** (pay-as-you-go model)

Server | **Network** | **Storage** | **Apps** | **Desktop** | **Services**

BT Compute Colocation
Facilities Co Location and Telehousing

BT Compute Managed Hosting
(on and off premises)

BT Cloud Compute
Public and Private IaaS

BT Compute Connect
NFV – Routing, Switching, VPNs, Acceleration, Cisco InterCloud

BT Cloud Storage
File, Sync, Share, Backup, Archive

BT Cloud AppStore
Click and deploy your apps with assurance

BT Compute Workspace
secure corporate virtual desktops & applications

BT Compute Business Processes
Business process services for the digital company

Today | **Within FY14/15** | **Within FY15/16**

BT Compute

Services that adapt