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.
Focus on Italy - BT’s Secure Infrastructure

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

**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.

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

**Portfolio**
- **Professional Services**
- **Managed Services**
- **Cloud Compute**
- **Private Compute/Assure**
- **Managed colocation**
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 Providers 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**

- **The Portal**
- **Availability Zone**
  - Virtual Machines
  - Application
  - Operating System
  - Network

**BT Compute Colocation**
- Facilities Co Location and Telehousing

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

**BT Cloud Compute**
- Public and Private IaaS
- NFV – Routing, Switching, VPNs, Acceleration, Cisco InterCloud

**BT Compute Connect**
- NFV – Routing, Switching, VPNs, Acceleration, Cisco InterCloud
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**
- **Integration with Private Cloud (Hybrid Cloud)**
- **SLA “end to end” for IT & Network services (SOC & NOC integration)**
- **Open source Orchestrator** (Citrix – Cloud Stack)
• **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 Compute
Services that adapt