BT Compute

Private Compute

Dedicated cloud infrastructure hosting your IT

IT needs to help organisations be more agile, flexible and efficient, whilst reducing complexity and cost. However, as IT and communications networks evolve over time, often through piecemeal deployments, mergers and upgrades, they are rarely as efficient and flexible as they should be.

Huge demands are placed on networks by employees needing access to increased amounts of information and applications, wherever they are. Many organisations are not yet comfortable moving to a public cloud platform to achieve this, but there comes a point when their current platform is no longer capable of supporting the services needed.

Some try to consolidate and virtualise their technology, but find that legacy systems can only be upgraded so far. Rationalising parts of the network or overlaying virtualisation tools on existing systems can add to complexity, as processes are not updated at the same time. Infrastructure remains fragmented in separate silos, often operating well below potential, while still leaving IT teams to deal with multiple vendors.

Whether or not you have started down the virtualisation route, BT Private Compute takes you on a logical journey that simplifies your IT onto a single platform. Featuring best of breed technologies from market leaders, our solution will reduce cost and management time. It lets you focus on the needs of your business and gives you the flexibility to take on the challenges of tomorrow.

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It's a real partnership. We can go to them at any time and discuss feasibility options for our customers. It's a big driver for our business having a service provider who can help us devise better solutions."

Malcom Thompson
Chief Operating Officer
Total Mobile

One platform for all your IT

BT Private Compute lets you build private cloud services from proven modular templates enabling designs that can integrate with existing systems in a way that's specific to you. We can manage your private data centre in one of our shared facilities, giving you the added security that goes with infrastructure set aside exclusively for you.

BT's experts will supply, install, configure, and maintain the infrastructure service, leaving your IT team free to focus on innovations and applications to drive your business forward.

Now your organisation can truly realise the full benefits of virtualisation – more efficient use of server capacity and lower costs per application which can be assigned to each department.

By breaking the barriers between traditional IT silos, our solution enables rapid provisioning and gives access to service catalogues and meaningful performance metrics.

BT Private Compute

BT Private Compute is part of a portfolio of award-winning services supported by industry-leading BT experts offering:

- The ability to do more with less – since consolidating and virtualising IT platforms frees up financial and management resources

- Flexibility and scalability – as computing power, network resources and data storage can be scaled to match changes in business needs

- Latest technology – BT has invested heavily in research and development, leaving customers to focus on core business

- Reduced risk – because one supplier on a single contract gives the simplicity of one point of contact, while deploying new applications becomes more predictable and straightforward

- Lower total cost of ownership – reducing complexity and management of IT infrastructure can help lower total cost of ownership by up to 40 per cent

- Greener by design – exploiting the latest technology means more environmental efficiency and a lower carbon footprint

- Provided in a secure BT-managed data centre, BT Private Compute offers dedicated private physical server infrastructure set aside for the customer's exclusive use.
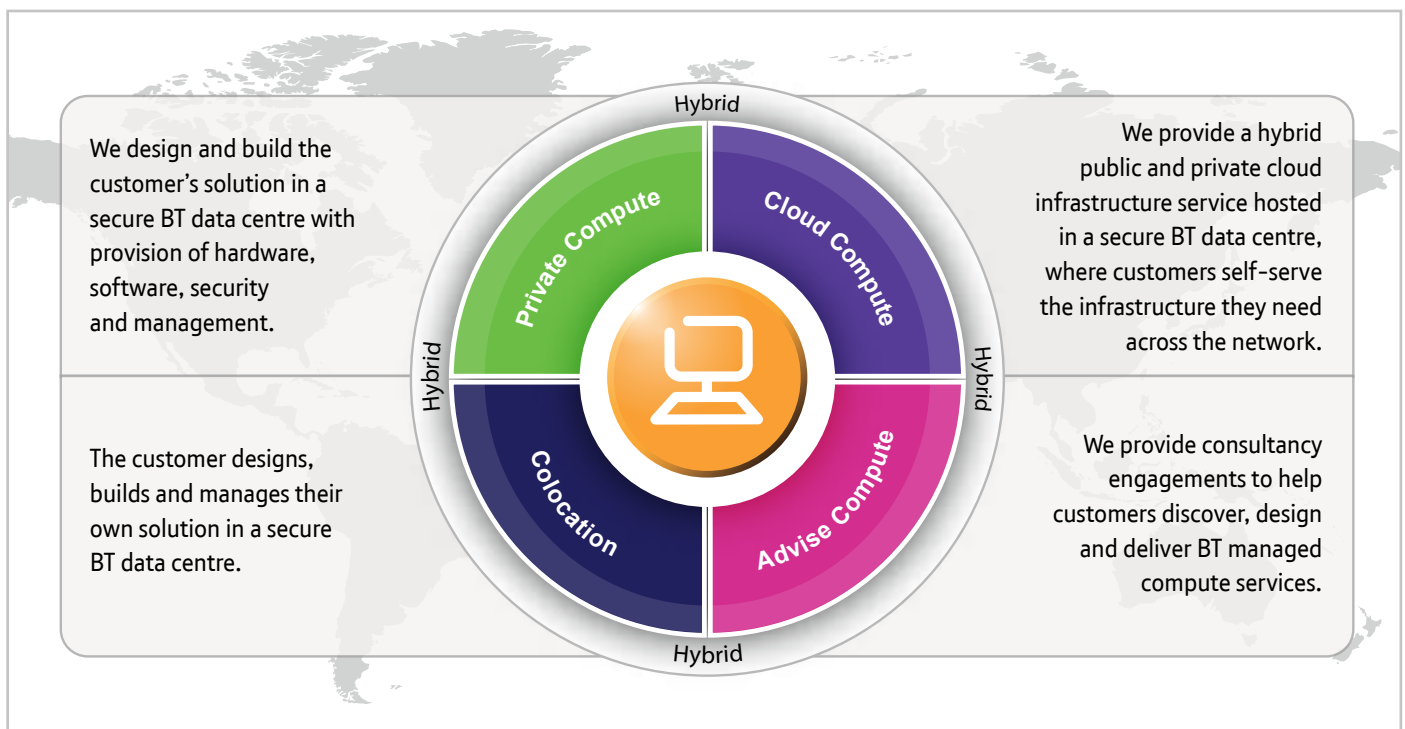
The BT Compute portfolio

BT offers the full range of data centre services, including Colocation, Private Compute and Cloud Compute, as part of a portfolio of products that enable you to take advantage of new technologies, driving efficiency improvements across your business to save money, improve service and manage risk.

Whether self-managed within your own datacentre or BT managed in one of ours, we can help you on your journey to cloud and hybrid services. Our Advise Compute Assess and Advise Compute Migrate services provide you with the expertise, tools and knowledge to successfully deliver IT services and innovation within your organisation.

BT Private Compute is an enterprise class component of a range of BT Compute capabilities which offer the very latest in virtual computing solutions. This ensures an unparalleled breadth of services, from shared on demand through to private self-managed, locally hosted solutions.

We can even offer a hybrid mix of both our Cloud Compute and Private Compute services, giving you fast, flexible access to the latest data centre technology, with specially configured elements to suit your unique needs.

We design and build the customer's solution in a secure BT data centre with provision of hardware, software, security and management.

The customer designs, builds and manages their own solution in a secure BT data centre.

We provide a hybrid public and private cloud infrastructure service hosted in a secure BT data centre, where customers self-serve the infrastructure they need across the network.

We provide consultancy engagements to help customers discover, design and deliver BT managed compute services.

Hybrid

Private Compute

Cloud Compute

Hybrid

Hybrid

Colocation

Advise Compute

Hybrid

Total Mobile – Partners in the Private Cloud

TotalMobile specialises in software for the public sector. Its products are used in over 100 sites across Britain. Headquartered in Belfast, where the majority of its 110 employees work, TotalMobile wanted a data centre closer to home and a service provider that could deliver a new wave of cloud-based services that made hosting more agile and cost-effective.

Key facts and figures

- Because TotalMobile takes on the role of ASP (Application Service Provider) and delivers software as a hosted solution from the cloud, it wanted a Tier 3+ data centre that had the reputation as well as the technical competency to give its customers confidence that business critical services would never be at risk.

- Network neutrality was also important to TotalMobile which has a customer base that depends on multiple network connections.

- BT Ireland ticked every box also the public sector is very risk averse so the brand name and stability of BT was a big factor when we shortlisted various providers and made our decision, explained Malcolm Thompson, Chief Operating Officer.

- BT hosts TotalMobile in a fully resilient environment, built to prevent any single point of failure and ring-fenced to avoid any compromise in performance.

- Moving to the BT data centre, meant Total Mobile was able to upgrade to the latest versions SQL Server and Windows Server. More significantly, everything was hosted on virtual servers, giving a new flexibility in line with new cloud delivery models.

Hardware can be quickly provisioned and scaled, TotalMobile can offer customers the chance to pilot software before purchasing. TotalMobile only pay for the extra requirements on a month-by-month basis.

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It's the first time we've had that flexibility. We can put in a virtual server, take it out after the trial or ramp it up to the full-blown solution if the customer wants to go ahead. We have constantly increased capacity since we've been with BT which proves it's an approach that has delivered more business."

Malcom Thompson
Chief Operating Officer
Total Mobile

Why BT?

- Investing for success. More than $1 billion of IT services acquisitions from 2005 to 2009; multi-million dollar investment in cloud services since launch in 2009

- Innovation recognition. Our multi-million dollar investment in cloud services has helped us be ranked top in cloud computing for the fourth year in a row by Experton Group; and recognised as Best Cloud based services Provider in Water Rankings, 2013.

- Proven enterprise-class service. Professional services expertise and tools to help enterprise customers assess and make the transition to cloud, with case studies including hosting the london2012.com website for the Olympics, and NHS Spine, one of the world's largest transactional databases

- Ability to deliver services to whatever size of customer. Managing hosting for 1500 customers from small, medium and large enterprises, across national and multinational geographies, in both the private and public sectors

- Delivering global service locally. Expanding our services across the world to include emerging markets in Latin America, the Middle East, Africa and Asia, yet providing local services and expertise to help you exploit new cloud services for your specific business needs.

BT

Find out more about BT Ireland

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