BT Compute Ireland
Exploiting advances in technology

Organisations depend on IT infrastructure to keep their business running.

However, the challenge of managing a range of servers, their software, the power requirements and environmental controls whilst ensuring sufficient levels of resilience, backups and security, can hold organisations back by restricting their business performance and consequently reducing profit margins.

Housing some or all of your organisation's servers, whether physical or virtual in a data centre can help you exploit advances in technology, save more, improve agility and business continuity and give you the freedom to focus on your core business functions.

Services that adapt

BT Compute is our portfolio of data centre services that offers a flexible, scalable and reliable IT platform for your applications, hosted in a secure and controlled environment.

Our local and global data centres have resilient and carrier neutral connectivity to the internet, either through our own or other carriers' networks. Designed, built and operated to Tier 3 standards, our solutions come with the option of built-in business continuity and redundant design. In addition, service, security and resilience requirements of our ISO20000, ISO27001 and ITIL certifications, ensure a consistent experience across all our services.

BT Compute Managed Hosting Ireland

Our data centres in Dublin and Belfast offer both telehousing and managed hosting options.

Our Dublin data centre is the only data centre in Ireland with ISO20000 certification, offering unrivalled levels of service from delivery through to in-life. All our data centres have the ISO27001 security certification and operate to ITIL service management standards.

We also offer a range of associated data centre services. Some are included as standard and others are optional. Services include:
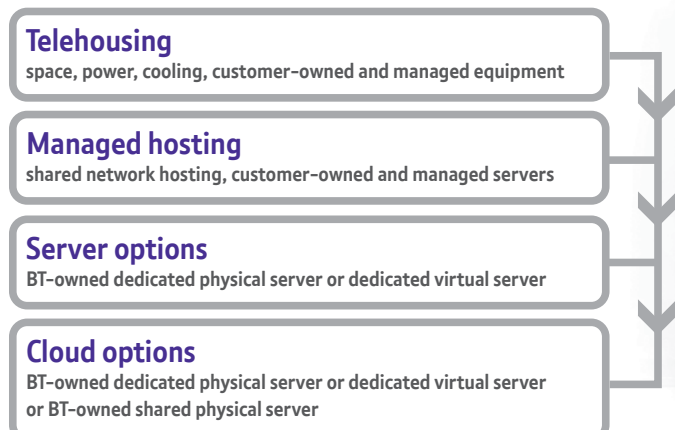
- remote hands
- site visits
- technical personnel onsite 24x7
- managed firewalls
- managed backups
- Distributed Denial of Service (DDOS) mitigation
- Intrusion Prevention Services (IPS)
- Intrusion Detection Systems (IDS).

We are connected to over 20 different network providers and have over 40 Gb/s of meshed IP connectivity so you can use different networks for extra resilience.

Carrier-grade switches, firewalls, load balancing and Secure Sockets Layer (SSL) acceleration built to a redundant design to ensure continuous service, protect your servers.

Whether you want to own operate, maintain and upgrade your servers while we house them in secure, cost-efficient data centres, or whether you would like a fully managed solution where you can lease your IT services using a combination of virtual and physical servers to meet your needs, we have a solution that is right for you.

We offer two key data centre services solutions.

Telehousing
space, power, cooling, customer-owned and managed equipment

Managed hosting
shared network hosting, customer-owned and managed servers

Server options
BT-owned dedicated physical server or dedicated virtual server

Cloud options
BT-owned dedicated physical server or dedicated virtual server or BT-owned shared physical server

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BT Private Compute

BT Private Compute lets you build private IT services from proven templates to integrate in a way that is specific to you.

Managed service - our experts supply, install, configure, integrate and maintain the solution for you so that your IT team can focus on innovations and applications to drive your business forward.

Added security - we can manage your private data centre in one of our data centres giving you the benefit of added security from infrastructure that is dedicated to you.

Virtualisation - experience the benefits of virtualisation by putting multiple 'virtual' servers onto a single physical server. This will lower your costs and increase your capacity. In addition, you can incorporate existing virtualised systems into the solution.

Improved agility - using predefined templates makes it easier and faster to roll out new applications and upgrades, while also helping deliver the flexibility to scale up and down as your needs change. With consistent service levels, smoother new application deployment and a single contact point, project implementation is more predictable.

Reduced total cost of ownership (TCO) - by reducing your IT infrastructure complexity and internal management, you can lower your TCO by up to 40%.

BT On Demand Compute

BT On Demand Compute is a cloud computing solution that allows you to deploy, monitor and manage your own service on demand through a secure self-service portal.

Virtualised infrastructure - comprises of server, software and network, designed and built to support automated delivery. This means that you can self-serve for in-life changes as they arise with fully automated service delivery and service assurance, self-healing, dynamic optimisation and change control.

Flexibility - with both Microsoft Windows and Red Hat Linux operating systems, you can upload your server builds to our portal to use as templates for rapid deployment.

Agility - a new service typically takes just days to build and most in-life changes, such as setting changes, firewall rule changes, storage increases, and backup schedule changes take less than an hour.

Availability - our Service Level Availability (SLA) is 99.95% with ITILv3 service wrap and security and connectivity to public and private IP networks. Individual virtual servers are monitored for availability and terabytes of storage can be configured, either for a single virtual server or for groups of virtual servers. The backup schedule options give alternatives for frequency and retention period and you can restore data from any available backup.

Additional services include:

- high availability configurations
- prioritisation
- storage
- load balancing
- backups
- internet bandwidth (fixed or burstable)
- anti-virus
- firewall rules
- performance reporting.

Our service hours are 24x7x365 and BT On Demand Compute is available from all our global data centres.

BT Compute Benefits

With BT Compute your organisation will benefit from:

Stronger business continuity – from being located away from your main site and being protected by our multiple power as well as benefiting from our uptime Service Level Agreements.

Reduced carbon emissions - as we are responsible for your power and cooling needs we will endeavour, where possible, to cut carbon output. We have won awards for our green credentials - for instance, we won the Green Award at the World Communication Awards in 2010.

Bottom line improvements - by taking advantage of our economies of scale you can see a significant increase in cost-efficiency.

Working with a trusted partner

BT is a trusted supplier in Ireland and is headquartered in both Dublin and Belfast.

With a proven track record in delivering network infrastructure, we invest significantly in our network across Ireland and throughout the world. We do this to provide high quality network and computing services whilst bringing the benefits of product innovation to our customers.

We manage more than 25,000 servers for more than 2200 customers across 45 global data centres.

With the 2011 World Communications Award for 'Best Global Operator', you can be sure that in Ireland and across the globe, we can meet your outsourcing and data centre managed services needs.

In Ireland, the scale and breadth of our local and global networks and services is unrivalled.

Find out more about BT Compute Ireland

Contact your BT Account Manager to learn more about BT Compute Ireland and how you can improve your organisations ICT requirements, or call us in Dublin on Freephone 1800 924 928.