

PUBLIC AND PRIVATE CLOUD SERVICES.

Keeping data safe and secure is ‘business-critical’

Data is crucial to the day-to-day running and development of a company, so it needs to be safely backed up and stored.

Cloud Services

Cloud involves storing data on hardware in an offsite physical location. Data can be accessed from any device via the internet- from any location. The cloud solution offers almost **unlimited scalability** and **great flexibility** for your staff with remote working.

Public and Private Cloud

These operate much the same way with only one major difference, the audience that has access to cloud resources.

Much of what is thought of when you hear the term cloud computing is technically a “public cloud”. These are made up of an “on-demand” infrastructure with **shared resources that are maintained by a third party**. These services are readily available from large names such as Microsoft Exchange and Amazon.



It is important to note:

Whether it is stored physically onsite or with a cloud provider, the company themselves are the data controller and are responsible for keeping the data safe and secure.

Public Cloud

Ease of Configuration

There is no physical hardware that needs to be purchased or configured.

Scalability

By only utilizing the cloud on an “as needed” basis, scaling up and down is cost-effective and easy.

Low Security

Resources are shared with such a huge community that you have little to no true knowledge where data is being stored and how to properly secure it. Best to use the public cloud for non-sensitive data

Simple and Standard

The services available are only at surface level. You only have access to the “broad strokes” applications. If more specialised requirements are being filled, the public cloud may not have the resources to handle them.

Private Cloud

Customisation

As the infrastructure is intended for a single group, this model opens itself up for more customisation than the standard public model.

Application Usage

Businesses can select the specific services and tailor applications around them.

Wider Support

Able to support legacy applications, allowing for operations to continue without time-consuming revamps and software rebuilds.

Support services

With the added customisation may come complexity requiring the help of a professional cloud support provider. By understanding your unique business requirements, they can ensure you get the right apps and settings for you and your data.

Upfront expenditure

Though it is expected to save costs in the long term, the initial payment is likely to be more than that of a public cloud.

Microsoft Exchange



This highly cost-effective communication platform is suitable for almost any business. It includes as standard:

- ✓ Ultra-secure emailing
- ✓ Shareable calendars
- ✓ Group emails with unlimited mailboxes under your domain.

As an integral part of Microsoft Exchange, all iPhones, iPads, Android, Blackberry and Windows based smart phones can be [connected to the mailboxes to fully synchronise email, contacts, and calendars.](#)

Hybrid Cloud – cloud across all your devices

Cloud PC is a new service that lets users experience Windows 10 and Windows 11 without having to install them on their own devices. This is a [great solution for SMBs' that have remote staff.](#)



Pro's

- [Full window experience in the cloud on any device](#) as long as you have thin clients (affordable computers connect to the Virtual Computers in the Cloud).
- [Tailored to you with greater simplicity](#) – fits the needs per user per month.
- [Extra security powered by Zero Trust](#) - with encryption used across the board.

Con's

- [Enterprises need to adapt their architectures](#) to improve agility and take advantage of Azure's capabilities. Active Directory can be complex to set up and maintain.
- [Uploading 365 onto each device](#) can be timely.



No Problem IT is here to help.

From setting up virtualised desktops to sourcing your thin clients, we can plan and configure Windows 365 for each device.

The No Problem Private Cloud

We have invested heavily in **our own datacentre** providing you with the **accessibility, security and privacy of your business data**, knowing it is always in safe hands.

Your email is hosted and backed up at our secure data centre, and your **incoming email is routed through anti-spam and anti-virus filters**. Not only do our services protect your computer and data, we remove unwanted email at the same time.

- Hosted in the UK so you know the exact location of the Cloud Service Provider and any sub-processors.
- Compliant with security and Privacy by Design for IT Security requirements.
- The Datacentre is ISO 27001 certified meeting the latest security standards.
- GDPR-aware of the compliance steps needed and ensure they are taken.
- When needed, the data in it is either retrieved or erased securely.
- Customisable and scalable, with a world-class ISP-grade network.
- Procedure in place to notify clients about any breaches without undue delay. Breach notification obligations and protocols are also included.
- Personal data is processed solely on documented instructions.
- Data portability, recovery and disposal procedures are in place.
- Clients can easily request the deletion or return of all personal data at the end of the provision of services.
- Guaranteed uptime – all the time



** The NPIT Hosted Exchange platform is not a resold service.*

Choosing The Correct Solution

When it comes to cloud, there is no one-size-fits-all. You can choose an efficient and reliable IT solution around your business-specific requirements.

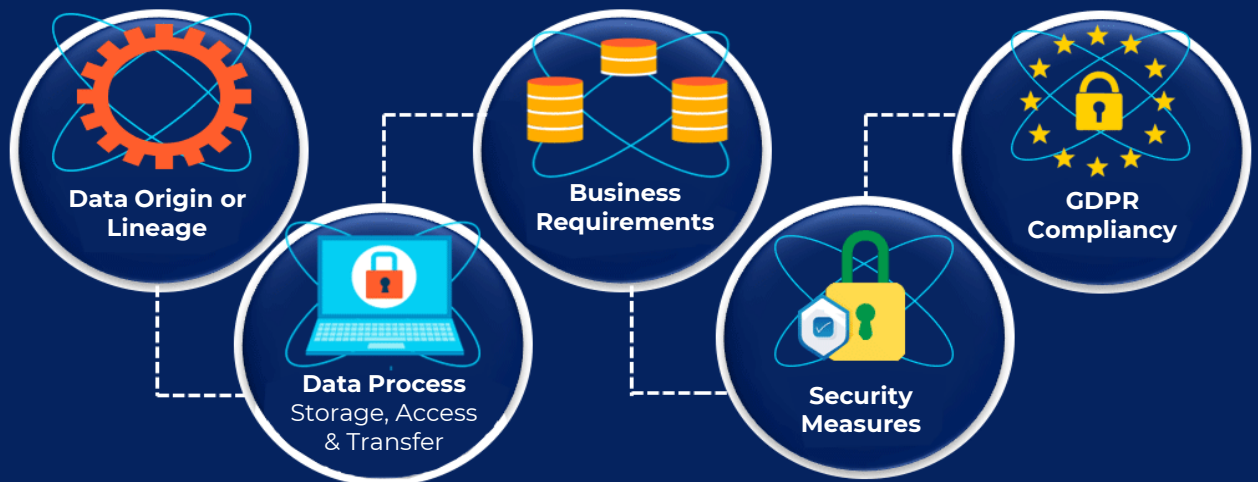
It may be that your business needs a toolset or functionality not available in an off-the-shelf solution. You may also need to be compliant in another country with different regulations. Whichever the case, make sure your cloud service provider can support you in these key areas.

Managed Cloud Services are not only about accessibility and stability. There are some important services you should ensure are in place with your chosen Service provider. These include:

- [Security Services](#)
- [Patching Services](#)
- [Anti-Virus and Anti-Malware](#) (Including Anti-Ransomware)
- [Backup Services](#)
- [Disaster Recovery](#)

Keeping your data easily accessible, scalable, and secure!

At **NPIT**, we specialise in cloud, Cyber Security, GDPR compliancy and ISO certified service providers.



Receive a free consultation and a full IT Audit that covers:

- An overview of your data lineage and existing IT infrastructure.
- A plan to transfer and access your business data in the cloud.
 - A review and revision of your current security measures.
 - Staff training
- Streamlining measures to your existing IT infrastructure and processes, ensuring both business and IT operations run in the most effective way possible.
- Confirmation that the systems and services used are GDPR compliant.