

Warwickshire County Council Backup Service for Schools (RBUSS®)

Every day schools rely on Warwickshire County Council to protect their data through a fully automated, encrypted and secure online backup and recovery service for education establishments of any size.

Why Backup?

Schools and colleges have invested heavily in ICT to run both the curriculum and Management Information Systems, for staff to plan and deliver lessons and to store pupil attainment data. The loss of this data for even a short period of time can have a significant negative impact. Increasingly stringent legislation and industry guidelines, coupled with the much-publicised targeting of UK schools by fraudsters demanding payments of up to £8,000 to unlock data they have encrypted with malware, mean that it is more important than ever that schools have adequate protection in place for their data. Despite this, many schools are still reliant on dated, unencrypted technology, such as tape (prone to failure) and manual processes (prone to error and omission) to ensure backups take place.

Comply with ICO and Data Protection Act guidance

The Data Protection Act's 7th Principle states: "You must have appropriate security to prevent the personal data you hold being accidentally or deliberately compromised". The Information Commissioner's Office (ICO) states that "If inadequate steps have been taken for protection, it also amounts to a breach of the data protection principles".

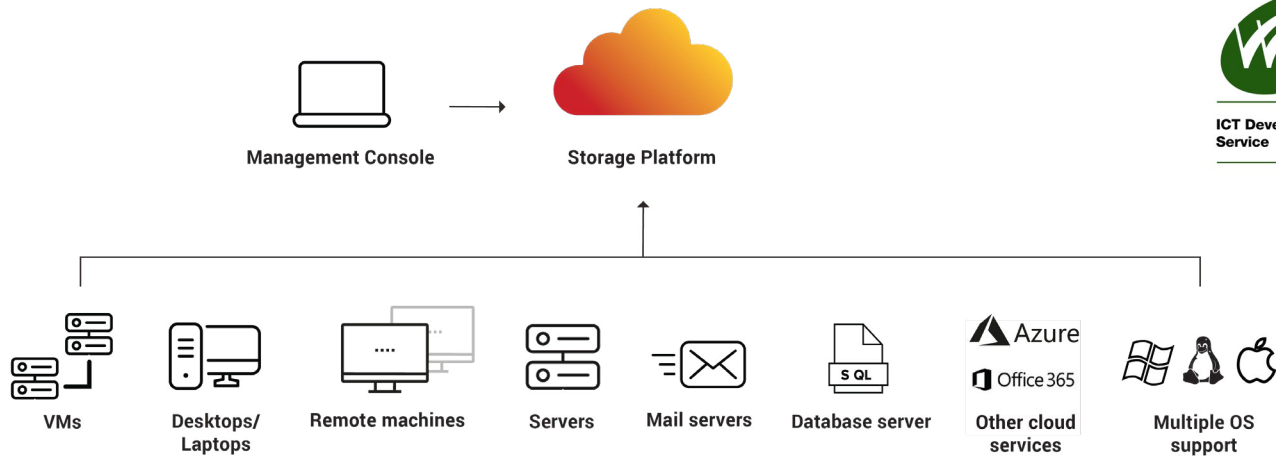
For those found to be breaching the Data Protection Act, the ICO has a range of powers from naming and shaming in the form of publicly published undertakings, the ability to issue monetary fines up to £500,000 per incident or to even pursue criminal prosecutions.

Comply with SFVS Guidance

The Schools Financial Value Standard (SFVS) was updated in 2015. Section 2 of Point 25 of the SFVS states that all Local Authority maintained schools must back up their data off-site daily to protect the school's important IT systems. RBUSS ensures compliance with the Data Protection Act, ICO and SFVS guidance by guaranteeing that critical data is securely and automatically backed up offsite daily.

What is RBUSS?

RBUSS is the only Capita approved, fully automated, online backup and recovery service allowing schools and colleges to back up their data off-site, securely, over the Internet and/or dedicated IP links to our secure, remote data centres. With RBUSS you can reduce costs, reduce complexity and fully automate backups, saving time and money, removing the worry and risk of traditional old-fashioned backup methods and ensuring data is protected and recoverable.



Features & Benefits

- No need for any other backup media (USB hard drives, DVDs, tapes) or hardware (tape drives etc).
- No manual backups - fully automated with no human intervention or management required at the school, academy or college.
- 60 days of individual daily backup retention to comply with internal policy and regulations
- School controlled backup policies - file selection and backup schedules
- Off-site disaster recovery - all data is immediately off-site and retained on disk for online recovery
- Secure - all data is encrypted with AES encryption
- 'Green' service - no tapes, no extra hardware and no more technicians driving around in cars visiting schools to fix tape related backup issues
- Backups/Restores - conducted anytime from anywhere, to anywhere
- Cost-effective - compared to existing traditional methods
- Capita approved solution for protecting SIMS, FMS and Discover

InstantData

RBUSS's InstantData presents your backups for temporary access as a virtual drive and for permanent recovery to a destination of your choice. While data is restored behind the scenes, applications can start reading files immediately – especially large files like databases. This kind of near instant recovery significantly reduces your time to recover but also allows low touch tasks, such as auditing and file integrity checks. While InstantData is very useful for DR scenarios, it also makes normal restores as easy as browsing a local file system to 'drag and drop' any required files and folders.

How does it work?

RBUSS is a fully automated online backup service that allows you to back up and restore all data and files held on your MIS (Admin), Curriculum and school systems. It backs up your data via the Internet or a dedicated link and stores it securely off-site in multiple data centres. Backups are automatic; data is compressed, encrypted and securely transferred to WCC's primary data centre. Data reduction technology in software agents installed on school devices means that only unique blocks of data that have changed since the previous backup are transmitted, reducing impact on valuable bandwidth and increasing the speed of backup and recoverability. Data is continuously mirrored to our secondary data centre for resilience and peace of mind. You can restore data at any time to the same or alternate location. Each backup session is recorded and daily reports are emailed automatically. If a backup is missed, or failed, you will receive an email to let you know.

About Redstor

Founded in 1998, Redstor is a leading, well respected and trusted global provider of cloud backup and disaster recovery software and services. Redstor currently address the needs of more than 12,000 schools. The service is backed by a 24/7 UK based support team, with extensive experience in helping schools to recover their data after a crisis.

GDPR compliant

Data management and protection are at the core of Redstor solutions and as an ISO 9001 & 27001 certified organisation, Redstor uphold the highest levels of security across all platforms and services. In compliance with the GDPR, Redstor have taken technical and organisational measures to reduce the possibility of a data breach.