

NexProtect 

HYBRID CLOUD BACKUP & DISASTER RECOVERY



nexstor

What is NexProtect?



NexProtect is a cost-effective, Hybrid Cloud Backup & Disaster Recovery solution that meets your business needs with an on-site appliance that copies your valuable data back to our secure Tier 4, *UK only* data centre.

With a fixed pricing model, the more data you store on a NexProtect Appliance & Cloud solution, the more cost-effective the service becomes.

Whether you simply want to get a copy of your key data offsite, or in the event of a disaster, be able to bring online key services in the cloud, NexProtect addresses every eventuality.

“NexProtect is a backup and DR solution, that extends your data protection services into our private cloud”



The true cost of Backup

How reliable are the traditional methods of backup?



1 in 3 companies fail to test their tape backups, and of those that do, **77%** have found tape back-up failures.



42% of attempted recoveries from tape backups in the past year have failed (Microsoft).



While over half of IT managers have a backup solution in place, **75%** of them were not able to restore all of their lost data.

What is the likelihood of your business losing data?



About **70%** of business people have experienced data loss due to accidental deletion, disk or system failure, viruses, fire or some other disaster.



One third of IT Managers have **lost data** while migrating between devices or upgrading operating systems.



20% of small to medium businesses will suffer a major disaster causing loss of critical data every 5 years.

What is the risk to your business if you lose data?



60% of companies that lose their data will shut down within 6 months of the disaster.



93% of companies that lost their data centre for 10 days or more due to a disaster filed for bankruptcy within one year of the disaster.



50% of businesses that found themselves without data management for this same time period filed for bankruptcy immediately.



Companies that aren't able to resume operations within **ten days** (of a disaster hit) are not likely to survive.

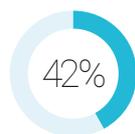
Should we be concerned about cyber crime such as ransomware?



Cyber crime cost the UK over **£29 Billion** in 2016.



Ransomware cost the UK over **£7 Billion** in 2016.



Only **42%** of ransomware victims were able to recover their data from backups.



Less than half of ransomware victims **fully** recover their data, even with backup.

What makes NexProtect different from our competitors?

Do you want your sensitive corporate data stored on a shared platform alongside data from several other organisations – possibly even a competitors?

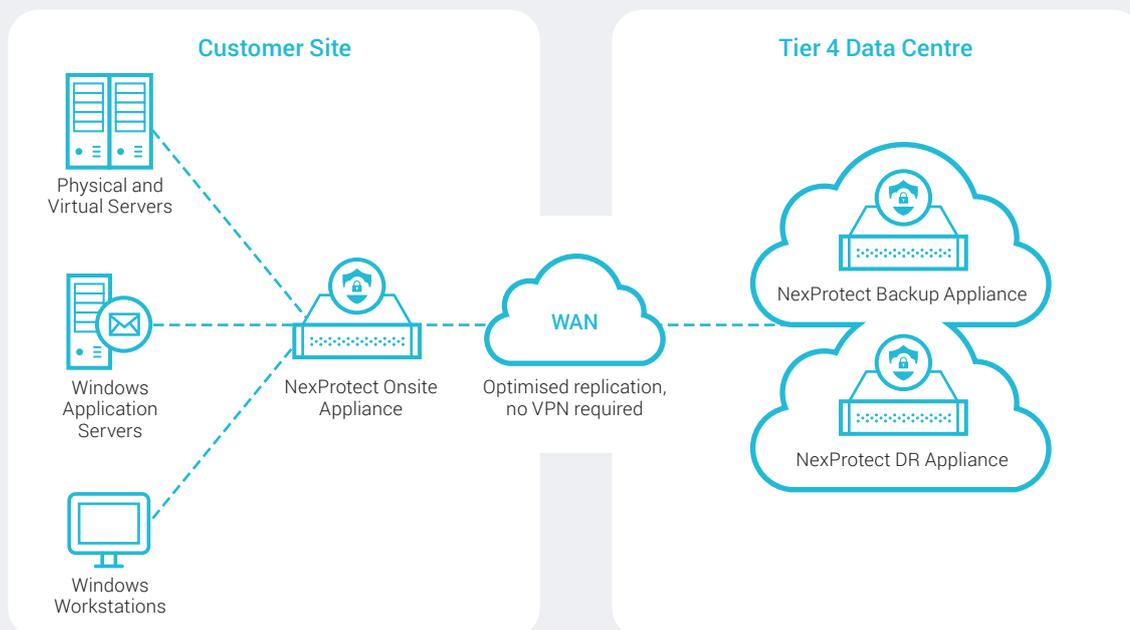
Our service uses dedicated hardware at both your site and our data centre. Unlike the majority of solutions available today, every one of our clients has their own appliance onsite, for instant recovery which synchronises to a 2nd system within our Tier 4 data centre.

You have total peace of mind that as a custodian of your organisations data, you will always know where your data resides once outside of your organisation, with encryption at the heart of everything we do.

The NexProtect private cloud solution is easy to use, and can be managed either internally by you, or by our team of data protection experts here at NexStor. NexProtect offers both predictable performance and ongoing costs, due to being delivered on a dedicated and standardised platform.

NexProtect is priced in a very transparent way. Our initial engagement will be all about understanding your existing data protection environment, required RTO's and RPO's and applying the correct appliance to exceed these requirements.

NexProtect architecture



NexProtect Tier 4 data centre explained

- ✓ N600+ Rack capacity (making this one of the largest facilities of its type in the area).
- ✓ Expected uptime levels of 99.995% (26 minutes of annual downtime).
- ✓ Dedicated meet me rooms (A and B networks/core switches N+N).
- ✓ N+N: HV power feeds, Transformers, Generators, UPS cooling, Alarms etc.
- ✓ Managed Transit or a selection of fibre providers either within the facility or nearby (i.e. Vtesse, BT, KCOM, Verizon, Easynet, Geo, Virgin Media, C&W/Thus).
- ✓ Multi 10Gbs fibre ring for Managed internet access and MPLS circuits.
- ✓ RACKS, COLO or individual SUITES from 10 to 250+ racks.
- ✓ Full DR/fail-over connection to existing Bletchley data centre (ideal for Cloud/DR/Replication solutions).
- ✓ Purpose built data centre building (Previously used by major UK Bank).
- ✓ Secure 3.25 acre site with 130+ onsite parking spaces and gated access.
- ✓ Rest rooms, hot desks, meeting rooms, shower facilities, games room.
- ✓ Building/site owned freehold. Debt free technical build.
- ✓ Design and project management of all key services performed in-house.
- ✓ Experienced provider (owner/manager of data centres since 1996).
- ✓ With NexProtect you will always know where your data resides – data centre tours available with lunch included!

Tier 4 specification

At the top level, a Tier 4 ranking represents a data centre that has the infrastructure, capacity, and processes in place to provide a truly maximum level of uptime:

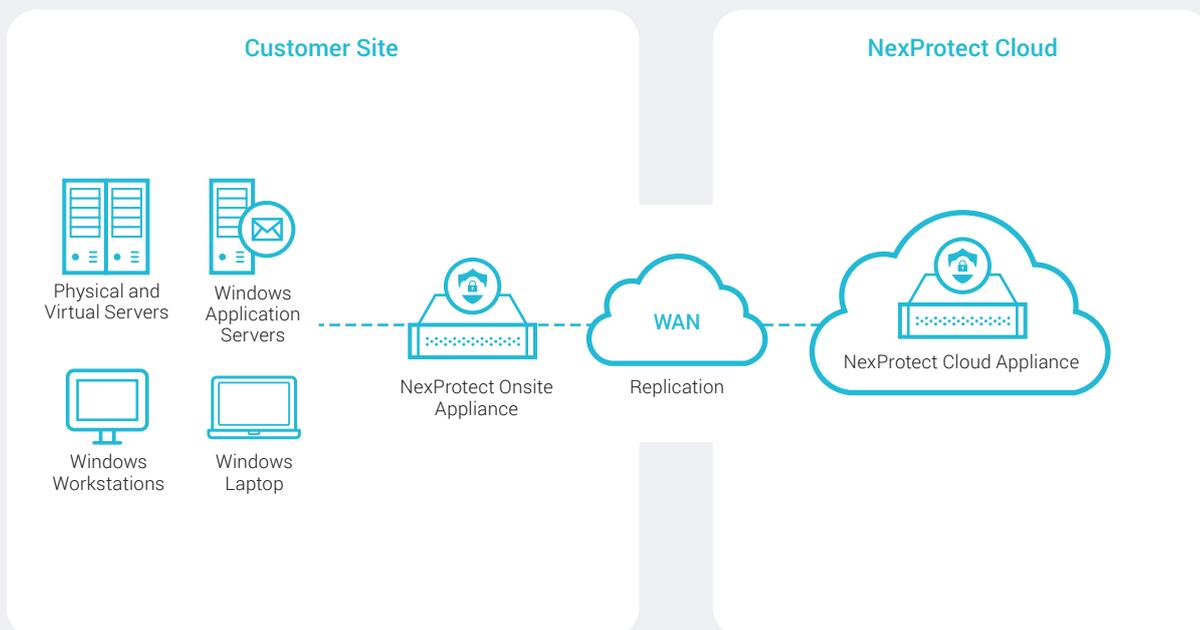
- Fully meets all requirements for Tiers 1, 2, and 3.
- Infrastructure that is fully fault tolerant, meaning it can function as normal, even in the event of one or more equipment failures.
- Redundancy in everything: Multiple cooling units, backup generators, power sources, chillers, etc. If one piece of equipment fails, another can start up and replace its output instantaneously.

Backup as a service 'BaaS'

BaaS will allow for backup, storage, and recovery of your data.
 BaaS – backup, store and recover your data both locally and in the cloud:

- Dedicated hardware both on and off site – No shared infrastructure
- Dedicated 100Mbps Network Bandwidth
- Unlimited Data Transfer – No restriction
- Fixed price service – Fixed cost over 36-60 months
- Easy to install
- An appliance approach to pricing – No software licenses, maintenance costs etc.
- 4HR Onsite Fix 24x7x365 – Hardware Support
- Initial Onsite seeding of cloud appliance
- Weekly or Monthly backup reports
- Tier 4 data centre
- A full backup of your data onsite and offsite as standard
- Fast file, folder, full system, application, bare metal recovery & local virtual standby restore
- Agentless backup for Virtual Environments (VMware & Hyper-V)
- Physical Server Support (Windows/Linux/UNIX)
- Highly optimised, bandwidth efficient replication to the cloud.

NexProtect BaaS architecture

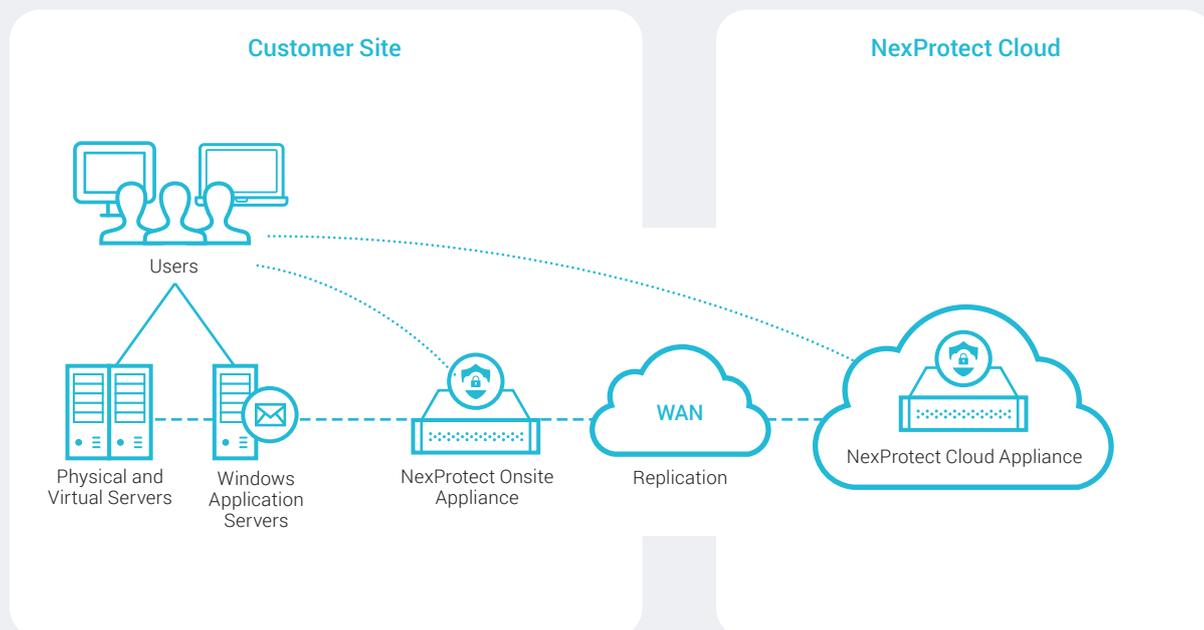


Disaster recovery as a service 'DRaaS'

NexProtect offer DR as a service, further extending your recovery options to go beyond just simple data restores:

- NexProtect offer dedicated appliances within our Cloud to host virtual standby servers, that can be power on independently in the event of an onsite disaster
- VMWARE and Hyper V-Standby environment from 5 to 100+ VMs
- With NexProtect's dedicated hardware approach, when disaster strikes we can ship you your DR environment to your site with SLAs down to just 8 hours!

NexProtect DRaaS architecture



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nexstor

UK 01623 705 330

INT 044 1623 705 330

sales@nexstor.co.uk

Nexstor LTD
5 Acorn Business Park
Commercial Gate
Mansfield
NG18 1EX