



Cloud Partnership By Design





## Success in the Cloud

Nexent's Cloud Infrastructure Services provide Technology Resellers and Independent Software Vendors with a seamless array of Cloud technology services that encompass server, storage, networking, communications, Internet and business applications provision.

Nexent provides partners with the ability to "white label" their own Cloud Service and utilise our enterprise class technology infrastructure to create dynamic and profitable Cloud solutions for their customers.

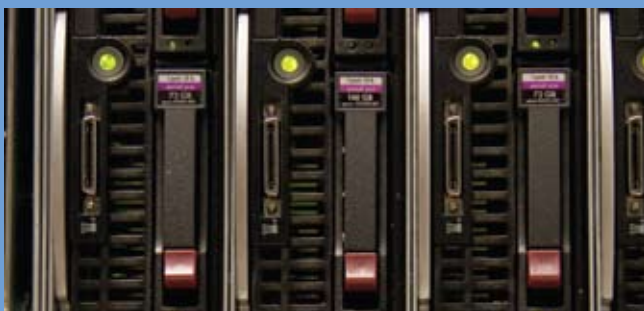
Nexent partners can enter the fast growing Cloud Services market simply and efficiently in days, without risk or the need to commit to considerable capital and people investment costs. Nexent works exclusively with channel partners and never deals direct with end customers, allowing you to rest assured that our business relationship is both meaningful and respectful.

We work hard to ensure you get the utmost from our business relationship, providing partners with comprehensive sales training, marketing packs and technical resources to ensure you are fully equipped with all the tools you need to maximise your Cloud business opportunities.



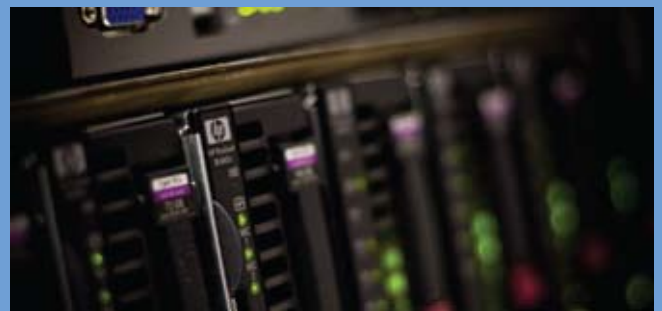
## Enterprise Class Infrastructure & Technology

Nexent's Cloud Infrastructure has been built from the ground up to deliver exceptional levels of reliability, performance and scalability. Designed by industry experts using only best of breed technology from EMC, HP, Cisco, VMware and Microsoft, the Nexent Cloud Infrastructure platform is capable of sustaining 99.999% service availability across all key technology functions.



### HP Blade Server Architecture

Nexent's Cloud server resources are delivered using HP's industry leading range of Blade Server solutions. Designed for the Data Centre and optimised for high density computing, HP Blade Servers deliver best in class performance and allow Nexent to successfully deliver on its customer commitments of service, support and reliability.



### VMware

VMware is the industry leader and a key innovator in Virtualisation technology. Nexent utilises VMware's vSphere Cloud Virtualisation products to achieve best value technology provision, control operational overheads and maximise business agility. VMware provides Nexent with the capability to deliver 99.99% applications service availability to your Cloud customers.



### Cisco Communications Infrastructure

Cisco is the worldwide leader in networking infrastructure technologies and is the backbone provider of choice for enterprise communications. Nexent utilises Cisco's flagship 6500 series switching platform to deliver unparalleled levels of performance, scalability and reliability. Nexent's full end-to-end Cisco communications infrastructure maximises service reliability and future proofs our Cloud technology investments to ensure that the needs of our Cloud Solutions Partners are always met.



### EMC SAN Information Storage Assets

Using the world's leading range of information infrastructure solutions allows Nexent to deliver five-nines information availability. Harnessing the full power of EMC's no-single point of failure storage technology, allows Nexent to deliver highly intuitive and powerful data management services that effectively manage capacity, performance and data protection for our partners and their customers.



## Connectivity

Nexent operates and manages its own fibre optic network infrastructure which eliminates single points of failure, enhances network integration and improves service reliability. The Nexent Network Operations Centre provides extensive technical resource coverage 24/7 for our Cloud services.

The Nexent fibre network provides multiple Tier1 data interconnects that deliver high speed, low latency connectivity across the UK. This ensures all business locations can access centralised I.T. resources with equal efficiency.

Scalable Internet bandwidth is delivered using triple peer, fault resilient, BGP4 connectivity which guarantees a minimum 99.99% Internet service availability.

A TIA942 cabling infrastructure into the data centre telecoms suites allows multiple carriers to interconnect with the Nexent Cloud Infrastructure to deliver enterprise class service delivery and scalability.

Nexent Cloud Service customers benefit from Cisco powered enterprise infrastructure, HP Blade server technology and EMC storage management assets. All combined together to deliver one integrated and scalable Cloud Infrastructure Platform.

All Nexent Cloud services are accredited to both ISO 9001 Quality Management and ISO 27001 Information Security standards which provide our Cloud Solution Partners with the business comfort, confidence and security to successfully engage in the Cloud solutions market.



## Uninterrupted Business Operations

The Nexent Data Centre facilities have been designed from the ground up, to deliver service confidence at every level. The Nexent Data Centres benefit from their own electricity sub-station complete with a 1.3Mva electrical supply on-site.

Nexent Data Centres also benefit from Chloride E90 UPS systems in a N+1 configuration and are monitored 24/7 by both Nexent's Network Operations Centre and Chlorides Lifenet monitoring technical support team.

In the unlikely event of a total mains power failure, an 850Kva Perkins generator set, complete with 72 hours of full runtime capability is located within the facility. A contracted refuelling service with two diverse distributors is in place to manage an extended power outage.

Nexent Data Centres also benefit from lightning protection which covers both the building infrastructure and the power feed distribution system.





**Advanced Data Hall Cooling**  
The Nexent Data Centre hall employs the latest technology advances in cooling using an Airedale Ultima Compact Free Cool configuration.

Using a chilled water N+1 system, the data hall benefits from a free cool mode when the ambient external temperature falls below 16 degrees Celsius. This technology investment delivers a lower energy consumption rating, saving earth resources and delivering a major reduction in the sites carbon footprint by up to 50%, against traditional mechanical air cooling systems.

The Airedale system monitors, manages and consistently operates the Data Hall at a mean average temperature of 22 degrees Celsius, with a constant humidity rating of 50%.

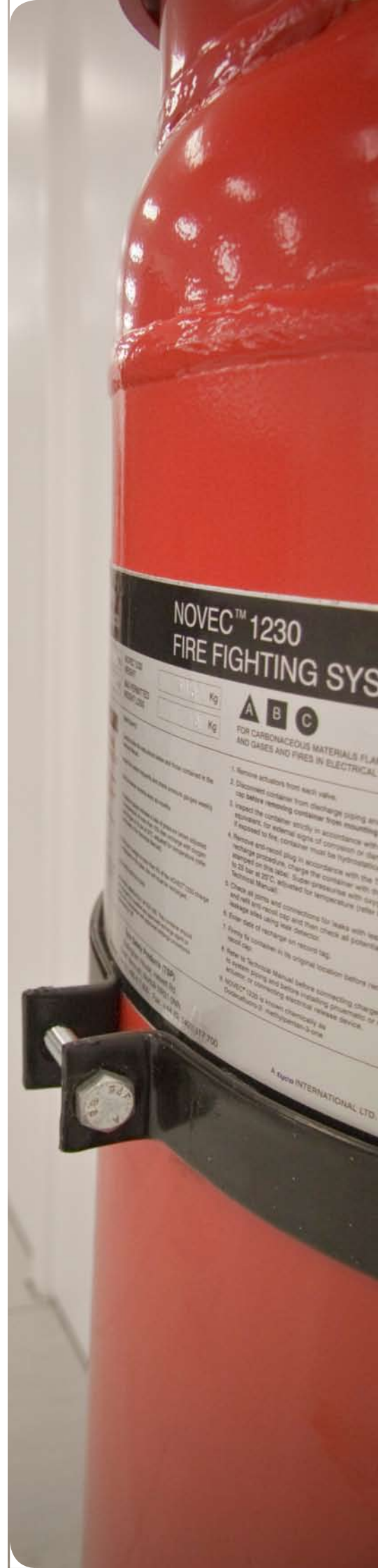


### Fire & Smoke Detection Systems

Very Early Warning smoke detectors and fire suppression systems protect the facility 24/7. Utilising the latest fire protection technology, the data hall benefits from smoke detection systems both above and below floor levels. The Very Early Warning detectors integrate into a VESDA facilities management protection system which employs a “Double Knock” option to ensure that false alarm discharges do not occur.

The fire suppression system uses the latest Novec 1230 fluid extinguishment. This new, sustainable, clean agent fire protection system allows the data hall to be protected at all times in automatic mode, even when it is occupied.

Novec 1230 fluid discharges as a colourless electrically non-conductive and non-corrosive gas that does not damage sensitive equipment. There is no post discharge residue and no costly clean up operations are required ensures down time is kept to the absolute minimum.





## Comprehensive Facility Security

Accredited to ISO 27001 Information Security standards, the Nexent Cloud Infrastructure Platform provides businesses with a safe and reliable foundation on which to deliver secure computing services for our partners and their customers.

Nexent facilities management oversees the physical, operational and electronic information security requirements to provide a secure, reliable and scalable infrastructure on which to conduct successful business.

Physical perimeter security is delivered using a combination of CCTV in the wider business park and locally at the facility using the latest dual lens IP cameras. Full perimeter security fencing, complete with electronically controlled access gates and manned external security with Police response contract escalation provides extensive perimeter security protection.

Access to the site is via a Photo Iprox card system. Operationally zoned access areas require additional Iprox verification and final entry into the data hall is by biometrics only. All key areas have internal camera monitoring and verification.

A motion detection intruder alarm system incorporating level 3 dual com alerting is also in operation. The facility is monitored 24/7/365 both externally and internally by our Network Operations Centre.



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