DigiPlex

DigiPlex Norway - Ulven

The DigiPlex Oslo Ulven data centre is located in the Økern district of Oslo, historically a centre for industrial and manufacturing activities. Known as the SDS Posten building, it was originally designed and built in 1981 for the Norwegian Government as a data centre and communications hub.

It provides more than 4 200m² of white technical space and is constructed of a concrete frame arranged over four levels with all the necessary data centre requirements. The facility occupies a roughly triangular plot and is surrounded by a zone of secure car parking space and a 360° perimeter security fence.

Specification Summary

The data centre offers both standard and tailored IT housing and provides more than 4 200m² of white technical space. Particular customer specifications can be incorporated including electromagnetic protection, fire suppression and special power supply arrangements. The infrastructure is designed for 100% concurrent maintainability - no down time. Secure surface parking for 54 cars.

Construction
Comprises 4 200m² of IT housing space providing both retail and wholesale modules
Master plan caters for conditioned module, office, disaster recovery and storage space
Range of floor to ceiling heights up to 4m available

Conditioned power
Two x 2.2MVA dual output diesel rotary UPS systems providing 1.8MVA of UPS 'diverse' power
Scalable UPS building to a maximum of 4MVA in 250KVA blocks providing either 'diverse' or 'redundant' power supply systems to customer modules
48VDC redundant power

Power
7.6MVA increasable to 12MVA

Power and cooling
Two x 2.2MVA dual output diesel rotary UPS systems, providing 1.6MVA of short break power supplies
Two x 2.2MVA diesel standby power generators supporting scalable UPS and short break supplies
Five synchronised 1.0MVA diesel standby power generators supporting modular UPS and short break supplies
Fuel supply to support 48hrs diesel generator running at site 'full load'

HVAC/cooling
Each 1 000m² building block is supported by N+1 redundant Air-to-Air indirect evaporative coolers
Each cooler has a load looping DX coil to accommodate ASHRAE extreme wet bulb conditions
Expectancy is 100% evaporative cooling – no requirement for mechanical cooling

Fire Protection
Argonite fire suppression system in conditioned modules
High grade very early smoke detection apparatus in conditioned modules
Monitored automatic smoke detection throughout

Fibre Infrastructure
Carrier neutral host to multiple independent fibre carriers
Provision of diverse underground fibre entry points
12 x 100mm fibre ducts for access to three secure carrier connection rooms with provision for a third diverse point of entry

Security
On site 24/7 manned security presence
Internal and external advanced security surveillance camera systems
Man trap intruder detection and card access systems throughout
High grade 360° boundary fencing with secure access control
Secure parking for 54 cars

FOCUS ON CORE BUSINESS
Capital and resources focused on growing your business, not building and managing data centres

ENERGY EFFICIENT
Energy from renewable sources

SECURE
Designed to be secure and reliable

ISO COMPLIANCE

AWARD WINNING INNOVATIONS

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