DigiPlex Norway - Rosenholm

DigiPlex Oslo Rosenholm data centre is located below ground level under the Rosenholm Business Centre campus. The entire Rosenholm campus, which is located in an attractive woodland setting, has been constructed to the highest environmental quality standards.

It currently provides more than 1 500m^2 of white technical space all within reinforced concrete bunkers, providing more than 3m clear floor to ceiling headroom. The cavernous data halls have been entirely rebuilt by DigiPlex with new mechanical and electrical infrastructures which provide modern, high power data centre services.

Specification Summary

The data centre offers 1 500m^2 of high grade white technical IT housing space sub-dividable down to 25m^2 caged modules. Particular customer specifications can be incorporated including electromagnetic protection, fire suppression and special power supply arrangements. Heavy duty floor loading capacity in key areas. The infrastructure is designed for 100% concurrent maintainability - no down time.

Construction
The building comprises 1 500m^2 of IT housing space providing both retail and wholesale modules
Master plan caters for conditioned module, office, disaster recovery and storage space
Data module slab to ceiling height of 3.75m

Conditioned power
Modular UPS building to a maximum of 4MVA in 500KVA blocks providing redundant power supply systems to customer modules

Power
5.5 MVA increasable to 7.5MVA

Power
Two groups of three and one group of four synchronised 1.1MVA diesel standby power generators supporting modular UPS and short break supplies with 71 700 litre fuel storage capacity

HVAC/cooling
Conditioned modules mechanically cooled by dual coil DX compressors with 'free' cooling in CCU with heat rejection to dual cooling water circuits and external adiabatic dry coolers. Total capacity 3.5MW in a redundant configuration
'Free' cooling coil in CCU using 'free' cooled water capable of 100% cooling duty in wintertime

Fire Protection
Inergen 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
Fibre ducts for access to two secure carrier connection rooms

Security
On site manned security presence
Security operates from purpose built security bunker
Internal and external advanced security surveillance camera system
Card access systems throughout
Campus based zone within zone access control
Secure parking for hundreds of 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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