

# DigiPlex Norway - Rosenholm



DigiPlex Oslo Rosenholm data center is located below ground level under the Rosenholm Business Center 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 2 200m<sup>2</sup> 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 center services.

During 2018/9, DigiPlex carried out a substantial upgrading of the main infrastructure including replacement of the mechanical and electrical infrastructure in the Centre. The power supplies, cooling and security systems installed at the centre are today “state of the art” and fully meet both today’s and future requirements for our customers.



# Specification Summary

The data center offers 2 200m<sup>2</sup> of high grade white technical IT housing space sub-dividable down to 25m<sup>2</sup> 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 2 200m<sup>2</sup> 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 or Novac 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

24/7 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



## Focus on Core Business

Capital and resources focused on growing your business, not building and managing data centers



## Energy Efficient

Powered by 100% renewable energy



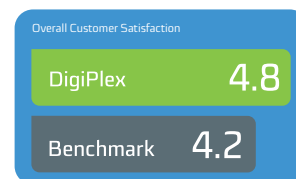
## Secure

Designed to be secure and reliable



## ISO Compliance

All our facilities are fully compliant



## Customer Satisfaction

Independent customer survey ranking

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Scalable. Sustainable. Secure