



DigiPlex Stockholm - Sweden

The DigiPlex Stockholm data centre is located in Upplands Väsby, a communications centre for the northern suburbs of Stockholm. The E4 highway and railway pass through the community and connect to the city and Arlanda airport. The location enables carrier neutral high speed connectivity.

Offering 6 000m² of white space for retail and wholesale IT housing in the existing building. Further buildings are planned within the site, resulting in a total of almost 20 000m² of secure and green IT housing, offering over 20MW of power from renewable hydro and wind sources.

“DigiPlex is Sweden’s **safest data centre** and was the obvious choice to host both our own data and that of our customers”

Tony Buss, CTO Verisec



Specification Summary

The data centre is built in modules, offering both standard and tailored IT housing. It is constructed of a heavy concrete frame arranged over three levels with all necessary data centre facilities. 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.

Construction

Comprises 6 000m² of IT housing space providing both retail and wholesale modules
Master plan caters for conditioned module, office, disaster recovery and storage space
Two robust 5 000kg capacity passenger and goods service lifts (one with high car)
Floor to ceiling heights of 4m

Power

A total of N+N 16MVA medium voltage supply available
UPS and power distribution equipment located in central plant
Each 1 000m² building block has N+N 2.5MVA prime rated diesel generators
Scalable UPS building to a maximum of 2MVA/1 000m² in 500KVA blocks providing 'diverse' N+N power supply systems to customer modules
N+N power supplies to mechanical equipment

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
Nozzles with silencers

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
Security operates from purpose built security shelter
Internal and external advanced security surveillance camera systems
Man trap intruder detection and card access systems throughout
High grade boundary fencing with dual perimeter and sterile zones, plus secure access control and car trap. 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

A committed PUE below 1.2 and powered by 100% renewable energy



SECURE

Designed to be secure and reliable





ISO COMPLIANCE



AWARD WINNING INNOVATIONS

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