



## 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.

DigiPlex Stockholm, operational since 2016, is powered by 40MW of renewable electricity and is equipped with our innovative indirect evaporative cooling system. It is built in modules, offering up to 26 000 m<sup>2</sup> of standard and tailored IT housing

“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.

## Construction

Comprises 26 000m<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  
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 000m<sup>2</sup> building block has N+N 2.5MVA prime rated diesel generators  
Scalable UPS building to a maximum of 2MVA/1 000m<sup>2</sup> in 500KVA blocks providing 'diverse' N+N power supply systems to customer modules  
N+N power supplies to mechanical equipment

## Cooling

Each 1 000m<sup>2</sup> 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

 [digiplex.com](http://digiplex.com)

 [digiplex](https://www.linkedin.com/company/digiplex)

 [@digiplex\\_ICT](https://twitter.com/digiplex_ICT)