

# DigiPlex Sweden - Stockholm



The DigiPlex Stockholm data center is located in Upplands Väsby, a communications center for the northern suburbs of Stockholm. Highly connected, carrier neutral data center, easily accessible by all means of transport. The location enables carrier neutral high speed connectivity.

Offering 6 000m<sup>2</sup> of white space for retail and wholesale IT housing in the existing building. Further buildings are planned within the campus, resulting in a total of almost 26 000m<sup>2</sup> of secure and green IT housing, offering an abundant supply of power from renewable hydro and wind sources.

DigiPlex Stockholm boasts industry leading physical security and an extremely low carbon footprint, characteristics achieved through a combination of innovative, award winning technical solutions and a deep knowledge on how to build and operate world class data centers.

We implement evaporative cooling on a large scale and deliver a design Power Usage Effectiveness (PUE) level below 1.2 in our Stockholm data center. Our Air-to-Air system capitalizes on the cool, moist atmospheric conditions of the Nordics to deliver “free cooling”. The center also deploys several forms and levels of security, including physical, technological, environmental and biometric.

Sweden has one of the world’s most competitive costs for power and a reliable supply of 100% renewable energy, plus exceptionally low emissions of CO<sub>2</sub> /kWh, all of which provide ideal operating conditions. In this environment, DigiPlex is creating an exciting eco-system and as we only utilize electricity power supplies certified to be from renewable sources.

The unique combination of ample connectivity, carrier neutrality, power exclusively sourced from 100% renewable sources, and state-of-the-art technical solutions ensures the Stockholm site is truly exceptional and sets a new standard for data centers. and as we only utilize electricity power supplies certified to be from renewable sources.



# Specification Summary

The data center 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 center facilities. Particular customer specifications can be incorporated, for example special power supply arrangements. The infrastructure is designed for 100% concurrent maintainability – no down time.

## Construction

Comprises 6 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

2N 16 MVA 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

Redundant 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 built in chiller to accommodate extreme temperatures

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 two secure carrier connection rooms with provision for a third diverse point of entry

## Security

On site 24/7 manned security presence

Security operates from internal monitoring office

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 centers



## Energy Efficient

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



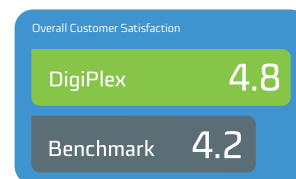
## Secure

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**