



# BUILDING DIGITAL FUTURE

Telia Helsinki  
Data Center

Helsinki, Finland



We help companies in their digital business transformation by providing networking, colocation, cloud, internet of things, security services and managed services – utilizing our own data centers and public clouds.

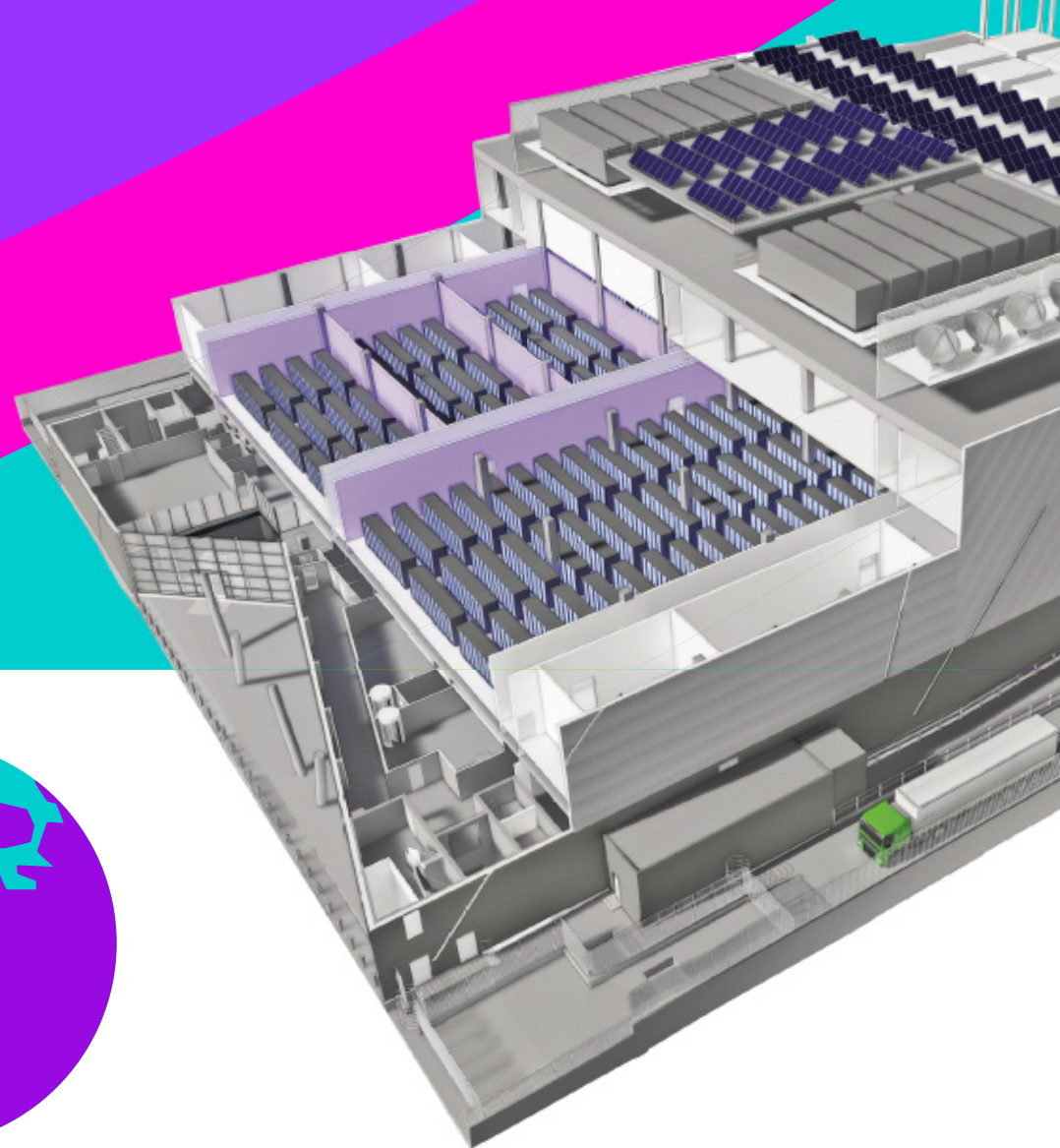
# NEW GENERATION DATA CENTER

AVAILABLE 2018

The most energy efficient, secure and sustainable multitenant data center in Finland.

## LOCATION

- High-tech industrial area in North-West Helsinki (Pitäjänmäki)
- Less than 10 km to downtown Helsinki and 20 min to Helsinki-Vantaa airport
- Good public transportation (buses, trains and also light rail in the future)
- Suitable plot and zoning, no hazardous neighbor activities, no natural risks



# NETWORK CONNECTIVITY



- Carrier neutral
- Major network hub for Telia's own network
- Telia Carrier global network connectivity
- Connectivity to Cinia's C-Lion cable to Frankfurt, Germany
- Close to FICIX nodes in Helsinki (<5km) and Espoo (<10km)
- Fiber and network connectivity from other operators

# TECHNOLOGY

- Critical Power Distribution 2N
- Backup Power by Gensets and UPSes
- Designed PUE Target < 1,2



Water-based cooling system with heat recovery



Main transformers

# FACILITY



TIER III CRITERIA



TOTAL BUILDING AREA  
34 340 M<sup>2</sup>



TOTAL WHITE SPACE  
15 000 M<sup>2</sup>



**24 MW**  
Maximum IT-power



ISO27001 SECURITY STANDARDS



MAX NUMBER OF SERVERS  
200 000



MAX NUMBER OF RACKS  
5 000



**200 000 MWh / year**  
The heat energy recycled in full scale

# ENVIRONMENTAL RESPONSIBILITY & SUSTAINABILITY

Our strategic objective is to minimize negative and maximize positive environmental impact throughout our value chain

- Energy efficient and environmentally friendly design
- Heat recovery and reuse in the district heating network up to 24 MW
- Renewable and Carbon-neutral electricity, mainly Hydropower
- LEED Data Center v4 Certification
- CEEDA Design Gold Certification
- ISO 14001 Certification





# WHAT WE OFFER

## CLOUD PLATFORMS

We offer private and virtual private cloud platforms both for legacy and cloud-native use. We are brokering various public cloud services and offer colocation service to relocate servers and IT-equipment. We provide also capacity services both for customers and partners.

## CLOUD NETWORKS

We offer a complete range of network services including traditional services like internet access, MPLS/VPN, Ethernet and IP transit and new services like Software-Defined WAN (SD-WAN) that complements traditional networks, cloud and private networks in a completely new way. All of this, we do globally.

## DATA SERVICES

We provide services for data storage, big data and unstructured data analytics along with more traditional data services like data backup and replication, archiving and disaster recovery solutions.

## LET'S BE IN TOUCH

[telia.fi/datacenter](https://telia.fi/datacenter)

Telia Finland Oyj is part of the international Telia Company, the leading new generation telecommunications company in the Nordic and Baltic regions.

