Smart Data Centres

Built to **last**

Reliable, flexible, and green

Uninterrupted supply of energy, emergency power supply with enormous capacity, a high level of security, and extensive connectivity possibilities. Cellnex' media towers have originally been built to always keep on working. With this, they offer the perfect building blocks for data centres with the highest uptime levels.

Originally, the Cellnex' media towers facilitated broadcasting signals for television, radio, and mobile communication. The towers are still essential for the service of mobile telecom operators and broadcasting operators. They also play a key role in the Dutch emergency infrastructure. By now, they have also proven to be the ultimate environment for safe data storage and offer innovative possibilities for edge computing.

Continuity ensured to 99.999%

The more critical the company processes are, the more important high quality data storage becomes. In the design of all Cellnex data centres, a number of measures have been taken to prevent outage and guarantee continuity. Of course, all primary measures with regard to energy and distribution, cooling and connectivity, are redundantly present. Besides, all locations have emergency measures, such

as powerful emergency power supply. Also, every tower has various connectivity options. You can use fiber optic cables, but thanks to the high attitude of the media towers, at Cellnex you can also opt for wireless transmission between your office and the data centre in the tower. If you choose both options, you are ensured a connection guarantee of 99.999%. Cellnex has all measures regularly checked, according to strong procedures and by certified partners.

Top 3 of the greenest data centres

Cellnex data centres are among the top 3 of greenest data centres in the Netherlands, and one of the greenest in Europe. Research organisation HIVOS published reports with that conclusion in recent years. The research was mostly directed at the use of green energy. We use 100% green electricity (wind energy). But we go beyond that.

Socially responsible

Cellnex makes continuous efforts for a better environment and the development of smart, sustainable solutions, and that is also why we are partner of Green IT Amsterdam. We also equip our data centres with the newest, innovative cooling methods all the time. With this, customers can save up to 50% on the total energy costs.

24 locations ...
so always nearby

The efficiency (PUE) of the Cellnex data centres is among the best in Europe.

> Uninterrupted supply of energy, emergency power supply with enormous capacity, high level of security, and extensive connective possibilities. The perfect building blocks for data centres with the highest uptime levels.

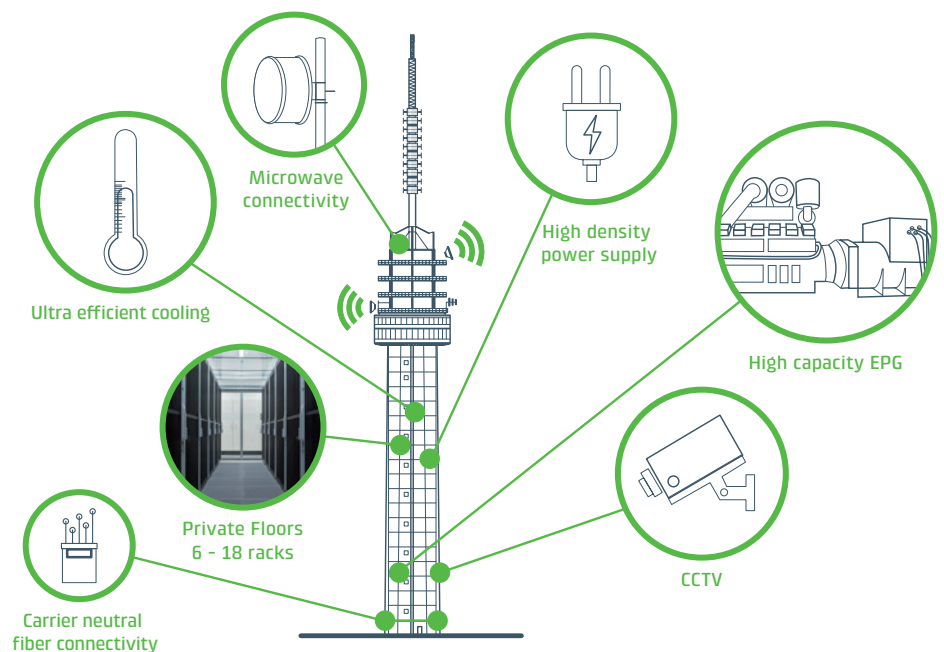# Your data centre according to the latest technology

The Cellnex data centres have been set up per floor, compact and modular. We can always set them up according to the latest technology and finetune based on individual specific requirements.

Smartly set up

We like to think ahead. The service package of Cellnex comes in a flexible form. Our clients can make use of 60-100 cm server racks, often deeper than average. Moreover, we are already anticipating an increasing energy density (W/M2), so your servers have a guaranteed energy supply in the future. If desirable, you can be supplied with 20 kW per rack.

Your own floor from 6 racks

The floors in the media towers have been set up as completely autonomous data centres with 6-18 server racks according to TIER 3+ requirements. Starting from 6 racks, Cellnex offers you a Private Floor in the form of your own floor. However, should you need less racks, but wish to have your own space, a Private Cage is of course one of the options.

Microwave connectivity

Ultra efficient cooling

High density power supply

High capacity EPG

Private Floors 6 - 18 racks

CCTV

Carrier neutral fiber connectivity

Freedom to choose your carrier

Cellnex is carrier neutral. You choose which carriers you want to connect with. We offer advice and support in customisation your connection.

Innovative cooling methods

By applying innovative cooling solutions, such as Direct Free Air Cooling, our Efficiency (PUE) is one of the best in Europe. Cellnex cools the IT equipment based on the 'cold corridor principle'. Cellnex meets the requirements for data centre temperature and air humidity tolerances outlined in ASHRAE TC9.2.

Server racks from 1kW to 20kW

Because every server rack is by default equipped with an A and B feed with a 32A 3-phase CEE plug, we can service every client request. All without having to adjust the infrastructure. Both feeds are connected behind redundant UPS measures. You are ensured of a constant and continuous potential on both feeds.

Extra secured PDUs

Cellnex supplies Power Distribution Units (default sockets 18xC13 and 3xC19), of which each outlet is secured separately. In case of possible short circuit or overload in the services, only the affected defective power supply is turned off, instead of the entire power feed.

ISO Certified

Cellnex is ISO 9001 and ISO 27001 certified.

At safe heights

Cellnex brings your data to safe heights. We guarantee the safety of every location with an access system. The personal RFIF access pass takes you to the data centre floor for which you are authorized. Your floor can, if desired, be equipped with a biometrical access system, such as facial recognition or fingerprint equipment. Of course, our data centres have also been secured against break-ins according to the highest standards (Borg Class 4). Besides various fences, every tower is equipped with a camera system and detection system with active and passive sensors. Every alarm is registered. Our professional security companies take care of a swift and adequate response. Naturally, all of this takes place above the Amsterdam Ordnance Datum (NAP).

Service desk

Do you have questions or problems outside office hours? Cellnex has a service desk available, 24 hours per day and 365 days per year. The service desk consists of our own employees. You can reach the service desk at 088 - 205 44 00.

About Cellnex

With the current digital transformation, it is becoming increasingly crucial to transport, store, process, and disclose information quickly and safely (the so-called 'data ecosystem'). Cellnex supports organisations in every aspect of the data ecosystem, including (future) solutions for IoT, Smart Cities, and 5G.

Cellnex Netherlands is part of the Spanish Cellnex Telecom. With 24 media towers and over 750 antenna locations in The Netherlands and 28,000 sites in Europe, Cellnex Telecom is the most important provider of wireless telecommunications infrastructure in Europe.

Want to know more? Visit www.cellnextelecom.nl or contact us at 088 - 205 44 00 or via datacenters@cellnextelecom.nl.