



# QTS Groningen 1 DC1

Zernikelaan 16, 9747 AA Groningen, Netherlands



## Building Specifications

- 100,000 sq. ft. facility
- 45,000 sq. ft. of white space
- Leasable office space available
- Floor load 1500kg/m<sup>2</sup>

## Power

- 10MW utility power (2N)
- 4.8MW total critical power capacity dependent on configuration
- Configuration options: N, 2N N+1
- Static UPS units and generators provide minimum 24-hour backup coverage
- 24 hours of on-site fuel storage
- Two feeders with diverse routes from adjacent substation

## Cooling

- Water connection of 25 m<sup>3</sup>/hr (with back-up supply for at least 24 hours)
- Free cooling
- Centrifugal chillers
- Cooling units
- Fully automated building management system providing control, monitoring and alarm of critical building functions
- WonderWare monitoring for electrical systems coming soon
- Leak detection monitoring

## Security

- Security guards on-site 24x7x365
- Closed circuit video cameras provide extensive coverage of interior and exterior building areas
- Outer perimeter security fencing
- Single entry point with gated access
- Multi-factor authentication for access

## Sustainability

- Utilizing renewable sourced power
- Dedicated electric vehicle (EV) charging spots available on-site
- Water-side economizers provide free cooling during low temperature ambient conditions
- A district heating solution in place. QTS Groningen feeds the city of Groningen's heating system, and in return receives cooling.

## Connectivity

- Direct fiber connection between Eemshaven and Groningen (40km distance)
- On-Net Carriers:
  - Beesmart
  - Bright Access
  - British Telecom
  - CJ2
  - CNG
  - DCSpine
  - de Kop Breed
  - DTN Services
  - Duocast
  - Eurofiber
  - Fiber Operator
  - Gerrit
  - GNIX (Peering Exchange)
  - KPN
  - ND-IX (Peering Exchange)
  - NG networks
  - NL-IX (Peering Exchange)
  - Relined
  - RETN
  - Tele2
  - Unet
  - Vodafone Ziggo
  - Zyon Internet

## Compliance

- ISO 27001
- ISO 22301
- SOC I Type2
- SOC II Type2
- PCI DSS

## Services

- Secured parking
- Flexible workstations
- Free use of kitchen

## Quick Facts

- Customers have access to facilities management portal
- Located at the university campus and surrounded by high tech companies
- Linked with Amsterdam Internet Exchange through diverse routes dark fiber connections
- QTS Groningen is an interaural part of the existing fiber routes between Scandinavia, the Netherlands and Germany
- 170km from Amsterdam