



# Greenergy Data Centers, the largest and most energy-efficient in the Baltics – enabled by Siemens

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175 years  
of technologies with purpose

# Decarbonization drivers



Regulatory and  
market forces



Business



Technology

# Helping our customers achieving net-zero

## Cooling optimization



Improve resilience and energy efficiency

- Avoid hot spots
- Up to 50% efficiency improvement
- Suitable for brown- and greenfield

### AI based optimization



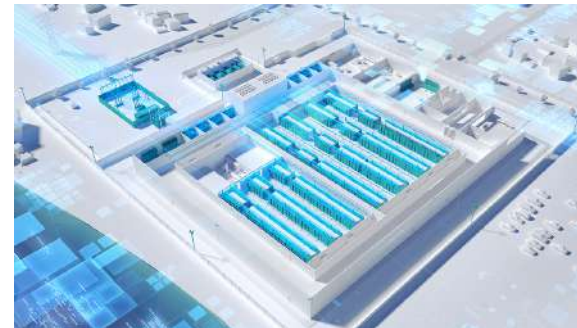
## Flexibility



Become part of the solution in energy transition

- New element for DC energy and sustainability strategies
- New revenue stream
- Protect against volatile energy prices

### Data Centers and VPP





# GREENERGY DATA CENTERS

**Kert Evert, Member of the Management Board**



# WHY WE BUILT THE LARGEST DC IN BALTICS?

- ✓ The lack of quality data center space
- ✓ Shaping the plan in 2015
- ✓ Starting construction in 2020
- ✓ Uniting under Greenergy Data Centers
- ✓ Backed by Three Seas Initiative Investment Fund
- ✓ Aiming to develop energy-efficient and sustainable data centers in Central and Eastern Europe

# THE WAIT IS OVER

- The first large scale purpose-built data center in Baltics now operational!
  - 14500 m<sup>2</sup> facility
  - Campus power 31,5 MW
  - Level 3 to 4
  - Target PUE <1,2



# TIME FOR A VIDEO





# WHY WE CHOSE SIEMENS?

# PROS OF WORKING WITH ONE VENDOR APPROACH

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# SIEMENS SOLUTIONS DELIVERED TO THE LARGEST DATA CENTER IN THE BALTICS



# HIGHLIGHTS OF THE TECHNOLOGIES



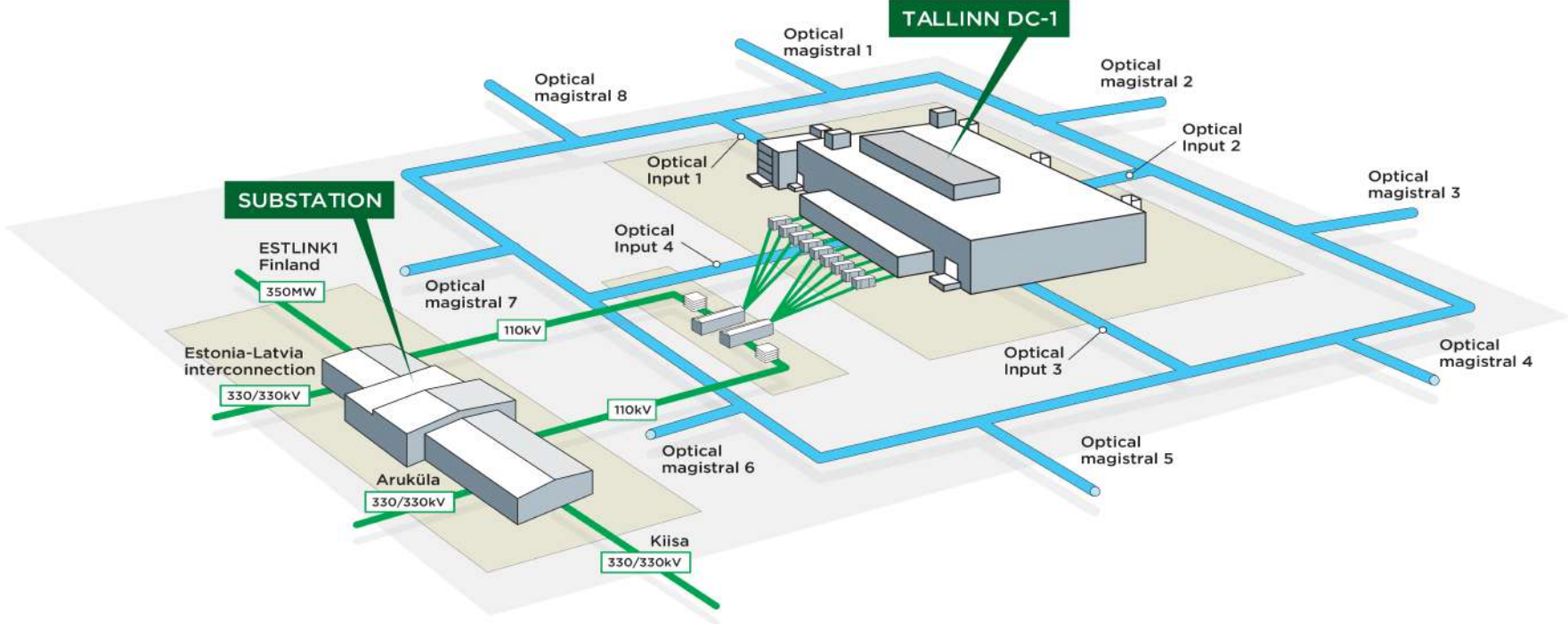
# WHAT TO EXPECT FROM US?



# SECURITY

- Secure geographic location
- Perimeter defences
- Intelligent surveillance cameras
- Multi-factor authentication and biometrics
- 24/7 NOC
- Owners with a long-term investment plan

# RELIABILITY





# SUSTAINABILITY

- Renewable energy
- Top-class PUE
- Reuse of waste heat
- Plans for onsite energy production



**WE KEEP YOUR DATA SAFE  
AND GREEN!**

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