

# Certificate



The certification body of TÜV NORD CERT GmbH hereby awards this certificate to the company

**T-Systems International GmbH**  
**Hahnstraße 43d**  
**60528 Frankfurt am Main, Germany**

to confirm that its security area

## Dynamic Data Center Biere

fulfils all requirements of

### EN 50600 Availability Class 3

using Criteria Catalog TSI.EN50600 V3.0 of TÜV NORD CERT GmbH. The requirements are summarized in the appendix to the certificate.

The appendix is part of the certificate and consists of 4 pages.



Certificate ID: 661280.26

valid from 2026-02-26 until 2027-08-30

To Certificate



Essen, 2026-02-26

Certification Body of TÜV NORD CERT GmbH

**TÜV NORD CERT GmbH**  
Am TÜV 1, 45307 Essen, Germany  
tuev-nord-cert.com

## Certification scheme

The certification body of TÜV NORD CERT GmbH performs its certifications based on the following certification scheme:

- German document: „Zertifizierungssystem für IT-Zertifikate (nicht akkreditierter Bereich) der Zertifizierungsstelle der TÜV NORD CERT GmbH“, D503-CP-001, Rev. 00/09.24, TÜV NORD CERT GmbH

## Evaluation report

- “Evaluation report – TSI.EN50600, Dynamic Data Center Biere“, Version 1.0 as of 2026-02-23, TÜV NORD CERT GmbH

## Evaluation requirements

The evaluation requirements are defined in the following standards:

- EN 50600-1; Information technology – Data centre facilities and infrastructures – Part 1: General concepts; EN 50600-1:2019-08
- EN 50600-2-1; Information technology – Data centre facilities and infrastructures – Part 2-1: Building construction; EN 50600-2-1:2021-09
- EN 50600-2-2; Information technology – Data centre facilities and infrastructures – Part 2-2: Power supply and distribution; EN 50600-2-2:2019-08
- EN 50600-2-3; Information technology – Data centre facilities and infrastructures – Part 2-3: Environmental control; EN 50600-2-3:2019-08
- EN 50600-2-4; Information technology – Data centre facilities and infrastructures – Part 2-4: Telecommunications cabling infrastructure; EN 50600-2-4:2023-09
- EN 50600-2-5; Information technology – Data centre facilities and infrastructures – Part 2-5: Security systems; EN 50600-2-5:2021-09
- EN 50600-3-1; Information technology – Data centre facilities and infrastructures – Part 3-1: Management and operational information; EN 50600-3-1:2016-08
- EN 50600-4-2, Information Technology – Data centre facilities and infrastructures – Part 4-2: Power Usage Effectiveness; EN 50600-4-2:2019

and were checked applying the evaluation requirements:

- „TSI.EN50600 Criteria Catalog”, TSI.EN50600 V3.0 as of 2025-09-01, TÜV NORD CERT GmbH

The evaluation requirements are summarized at the end. Not applicable requirements are printed in grey.

## Evaluation target

Evaluation target is the security area “Dynamic Data Center Biere” of T-Systems International GmbH. It is detailed in the evaluation report.

## Evaluation result

The evaluation target fulfils all applicable requirements of the above-mentioned standards with regard to

- Availability Class 3

The detailed results regarding granularity level and protection classes are included in the evaluation report.

Furthermore, the criteria of the evaluation aspect EFF are fulfilled.

## Summary of the Evaluation Requirements

The EN 50600 defines requirements for a data center in the following areas:

- Building construction
- Power distribution
- Environmental control
- Telecommunications cabling infrastructure
- Security systems
- Management and operation

To classify a data center, four availability classes, five protection classes and three levels of granularity for energy monitoring are defined.

### Availability Classes

In EN 50600-2-2/-2-3/-2-4 four different grades of availability classes are defined for the entirety of all facilities and infrastructures of the data center. The availability classes have the following characteristics, among others:

- AC1 Single path layout
- AC2 Single path layout with redundancies
- AC3 Multi-path design, solution for repair during operation
- AC4 Multi-path design, fault tolerant except during maintenance

### Protection Classes

Five different protection classes are defined. A protection class is assigned to all areas and supply paths of the data center. They describe physical protection against the following events:

- Unauthorized access
- Intrusion
- Internal fire
- Internal environmental events

- External environmental events

### **Granularity levels for the measurement of energy consumption**

Three levels of granularity are defined for the measurement:

- Level 1: a measuring concept that provides simple, general information for the entire data center
- Level 2: a measuring concept that provides detailed information for specific facilities and infrastructures within the data center
- Level 3: a measuring concept that provides granular data for the systems within the areas and supply paths of the data center