

# 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

**Data Center Campus Magdeburg**

fulfils all requirements of

**ISO/IEC 22237-1, -2, -3, -4, -6**  
**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: 661279.26

valid from 2026-03-25 until 2027-09-25

To Certificate



Essen, 2026-03-25

Certification Body of TÜV NORD CERT GmbH

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

TÜV®

## 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 – Trusted Site Infrastructure (TSI.STANDARD), Data Center Campus Magdeburg“, Version 1.0 as of 2026-03-25, TÜV NORD CERT GmbH

## Evaluation requirements

The evaluation requirements are defined in the following standards:

- ISO/IEC 22237-1, Information technology – Data centre facilities and infrastructures –Part 1: General concepts, 2021-10
- ISO/IEC 22237-2, Information technology – Data centre facilities and infrastructures –Part 2: Building construction, 2024-02
- ISO/IEC 22237-3, Information technology – Data centre facilities and infrastructures –Part 3: Power Distribution, 2021-10
- ISO/IEC 22237-4, Information technology – Data centre facilities and infrastructures –Part 4: Environmental control, 2021-10
- ISO/IEC 22237-6, Information technology – Data centre facilities and infrastructures –Part 6: Security systems, 2024-02

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 “Data Center Campus Magdeburg” 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.

## Summary of the Evaluation Requirements

The ISO/IEC 22237 defines requirements for a data center in the following areas:

- Building construction
- Power distribution
- Environmental control
- 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 ISO/IEC 22237 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
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