

d135e Certification Agreement EN 50600

Contents

This document describes the procedures and processes for the certification of a data center and is part of the contract for the certification of a data center.

Conformity

In order for a data center to comply with the European standards according to EN 50600-1 and EN 50600-2-[1-5], the requirements from chapter 4 of the listed standards must be met. These are checked in the course of the audit and must be verified by the customer.

The EN 50600 standards listed in chapter 4 of the test principles contain further standards that must also be implemented to comply with EN 50600-1 and EN 50600-2-[1-5]. If country-specific equivalents exist for the standards referenced in chapter 4, these are specified and the standard-compliant implementation can be carried out in accordance with these standards.

If no issue date is specified for the standard, the currently valid version must be used.

- EN 50600-1:2019
- EN 50600-2-1:2021
- EN 50600-2-2:2019
 - EN 50310 Telecommunications bonding networks for buildings and other structures
 - HD 60364 Electrical Installations for Buildings
 - in Austria covered by OVE E 8101:2019-01-01
 - EN 62305 Lightning protection
- EN 50600-2-3:2019
- EN 50600-2-4:2015
 - EN 50173-2 Information technology - Application neutral communication cable systems - Part 2: Office areas
 - EN 50173-5 Information technology - Application neutral communication cable systems - Part 5: Data center areas;

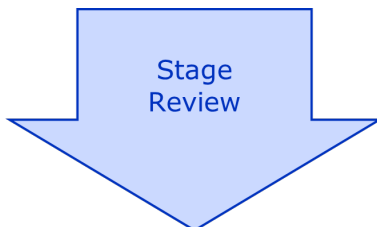
- EN 50173-6 Information technology - Application neutral communication cable systems - Part 6: Distributed building services
- EN 50174-1 Installation specification and quality assurance
EN 50174-2 Installation planning and installation practices in buildings
EN 50174-3 Installation design and installation practices outdoors
- EN 50600-2-5:2021

For certification according to EN 50600 Design, the client must have the requirements of the standard corresponding to the desired technical availability class, the specified granularity level for energy efficiency capability, and the desired level of security for physical and environmental security available as documented evidence.

Procedure of the certification process



Based on the application for certification, the further steps of the certification process are planned in terms of timing and content and the scope of the certification is determined. With the "Initial Registration & Planning" your organization is formally in the CIS certification process and is therefore also listed in the CIS registration list.



Organizations can have the appropriateness and expediency of the precautions and measures taken assessed by the CIS Stage Review in accordance with the standard requirements during the planning stage or prior to modifications or improvements to the data center. The stage review can therefore also be used as an independent and step-by-step upstream conformity check.



The aim of the risk review(Stage 1 audit) is to assess the site-specific interpretation of the standard requirements on the basis of specific measures and precautions taken. Furthermore, the existing documentation and the existence of the required risk assessment of the data center are reviewed and assessed. The identified weaknesses are explained and the need for further action before the certification audit is recorded in a written report.



The certification audit for data centers (EN 50600 Design) checks the implementation of the specified technical availability class, the specified granularity level for energy efficiency and the existing security level for physical and environmental security



With the initial issue of the certificate (Certificate Issuance & Right to Use Licence), the certified organization acquires the right to maintain a proof of conformity. This is issued with a 3-year validity and may be used as confidence-building evidence vis-à-vis third parties.



The surveillance audit focuses on the inspection of the data center site (walk-through), on the review of evidence of required maintenance activities in the area of the basic data center infrastructure and on the identification of any changes made to the data center site since the last certification that could have an impact on the design principles defined in EN 50600 or on the classes and levels identified in the certificate.

If the surveillance audit is successfully completed, the continued use of the existing certificate is applied for. Two surveillance audits are carried out at 12-month intervals until the certificate expires after three years.



The validity of the certificate must be renewed after 3 years. A full recertification audit to the extent of a Stage 2 audit is therefore required. Successful recertification means that the 3-year right to use the CIS certificate and the CIS conformity mark can be acquired again.

Explanations of the certification process

APPLICATION FOR CERTIFICATION

The completed [application form d082](#) is used to prepare a quotation based on the information provided.

ORDER

The order is completed by returning the signed duplicate of the quotation or order.

RISK REVIEW - AUDIT STAGE 1

The Audit Stage 1 takes place on your premises.

The CIS Office will inform you in writing of the CIS employees who will carry out the Stage 1 audit. The employee(s) will contact you to arrange an appointment.

The purpose of this audit is a practical examination of the standard requirements. The focus is to determine the status of a risk analysis that has already been carried out or to provide indications and approaches for carrying out a corresponding risk analysis in the company. In the course of the Stage 1 audit, an initial inspection of the functional areas to be certified and a review of the sufficient scope of documentation is carried out.

The "Risk Review" is carried out together with those employees who implement the certification project or operate the company's data center.

A written report on the result of Stage 1 is prepared and brought to your attention.

CERTIFICATION AUDIT - AUDIT STAGE 2

After positive completion of Stage 1, Audit Stage 2 takes place.

The Stage 2 audit takes place at your premises.

The CIS Office will inform you in writing of the names of the team of auditors, to which you can raise objections (against individual team members) in justified cases.

If you agree to the team of auditors, the lead auditor will arrange an audit date with you.

The certification audit for data centers (EN 50600 Design) checks the implementation of the desired technical availability class, the specified granularity level for the energy efficiency capability, the functional area assignment to the protection classes and the assessment of the existing security level for physical and environmental security.



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A written report on the result of Stage 2 is prepared and made available. The report contains the determined technical availability class, the determined granularity level for the capability for energy efficiency, the functional area assignment to the protection classes and the determined security level for physical and environmental security.

If there are deviations from the specified technical availability class, the specified granularity level for energy efficiency capability and the desired security level for physical and environmental security, these are listed in the report.

If deviations are identified during the audit that prevent the certificate from being issued, these must be rectified within 3 months and the measures taken must be reported.

In the case of data center certification, the actual technical availability class determined, the granularity level achieved for energy efficiency and the security level achieved for physical and environmental security are indicated on the certificate.

After positive completion of Stage 2, the audit team leader makes a recommendation to CIS GmbH to issue the certificate.

ISSUE OF CERTIFICATE

Once the report has been positively assessed and any non-conformities have been resolved, the certificate is issued by CIS GmbH. The validity of the certificate is calculated from the date of the decision of the CIS management.

ANNUAL SURVEILLANCE (CONDITIONS FOR MAINTENANCE)

The surveillance date is always the date of the Stage 2 audit. 3 months before the date of the surveillance audit, the CIS office will inform you of the auditor responsible for the surveillance. The auditor will contact you and arrange an appointment.

The surveillance audit focuses on inspecting the data center site (walk-through), reviewing evidence of required maintenance activities in the area of the basic data center infrastructure and identifying any changes made to the data center site since the last certification that could have an impact on the design principles defined in EN 50600 or on the classes and levels specified in the certificate.

A report is drawn up on the result. If deviations are found, they must be reported to the CIS auditors and the measures taken must be documented in a suitable manner. In the event of deviations that cannot be resolved by the subsequent submission of documents, a follow-up audit is carried out on site. If the surveillance audit is positive, the auditor will recommend that the certificate be continued to CIS GmbH. If deviations are not rectified on time, the certificate will be withdrawn or reissued with the actual classes and levels.



RE-CERTIFICATION

After 3 years, a re-certification audit is carried out to the extent of a Stage 2.

Changes to the scope of the certified data center:

Changes are handled in the same way as new certifications. Feedback from clients regarding changes is assessed by the management. It decides on the further procedure.

Changes to the certification requirements:

All certified clients are notified by e-mail of any changes to the certification requirements, e.g. changes to the standards according to which certification was granted. If further explanatory notes are required, these will be published on the homepage or by newsletter.

Non-conformities

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Applicable documents

General Terms and Conditions for System Certification and Assessment of
CIS - Certification & Information Security Services GmbH (Document No. d007 - [Download](#)).

Note 1:

The CIS certification procedure does not provide for suspension of certification.