

## Approach

### Experience and competence

- › eco: since 1995 stakeholder of the German Internet Industry regarding policy and legislation
- › DE-CIX: one of the largest internet exchange points situated in over 10 data center facilities in Frankfurt

### Philosophy

While other certifications use an all-or-nothing philosophy, the Datacenter Star Audit indicates the quality offered by the DC using stars. An eco-audit process does not take several years and does not require continuous investments until the certification can be achieved.

### Target Group and Focus

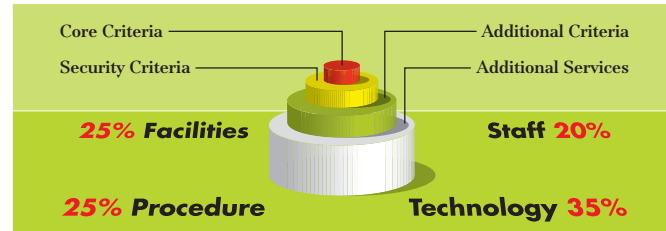
The Datacenter Star Audit is suitable for all companies which operate a dedicated server room with minimal requirements for air conditioning, power supply, and network connections. The audits focus on the data center's security and on the availability and redundancies of the facility's infrastructure.

### DCSA Audit Process

The Datacenter Star Audit offers a prompt audit process that is at the same time financially manageable. The audit can be wrapped up in 3-4 weeks (according to experience), from the date the contract documents are sent until the certification is received.

## Assessment Criteria

### Assessment Criteria



#### Facilities

- › Access control and security
- › Protected zones and fire control
- › Raised floors
- › Position in the building
- › Facility feedings
- › Scalability
- › Structure of the building
- › Cleanliness of the data center

#### Procedure

- › ITIL conformity
- › Continuity management
- › Existing certifications
- › Access procedure
- › Data security

#### Staff

- › Staff size
- › Multilingual staff
- › Accessibility and availability
- › Qualifications
- › Quality management

#### Technology (Power, Cooling, Network)

- › Transformer / Main distribution for medium and low voltage
- › Power supplier
- › AC and DC power supply
- › Emergency power supply, emergency shutdown, lightning protection
- › Air conditioning and air filtration
- › Temperature and humidity
- › Carrier

## Result

### Levels of Gratification

Gratification Level	Percent	Stars
1	35-54%	★
2	55-64%	★★
3	65-74%	★★★
4	75-89%	★★★★
5	90-100%	★★★★★

### Documentation of the Audit Results

In addition to the visible documentation of the audit results in the form of certificates and insignias, the assessed data centers receive a detailed internal audit report and a performance documentation for their clients. Moreover, the DCSA offers a series of interesting added values.

#### Certification

- › Certificate with date and number
- › Insignia for the entrance area of the data center facility
- › Digital logo material for marketing purposes

#### Audit Report

- › Detailed report about the audit results identifying strengths and weaknesses (SWOT)
- › Detailed performance documentation for the data center customer (e.g. for tenders)
- › Concrete recommendations how to improve the audit results (GAP analysis)

#### Added Values

- › Publication on the DCSA-website and by our eco newsletter
- › Common press releases and user reports
- › Reports in the eco podcast

## The Datacenter Star Audit...



„... assists us in responding to questions, which potential customers ask in their tenders addressed to our data center.“

*Patrick Pulvermüller, CEO*

*Host Europe GmbH*



„... documents to our customers the highest quality and security in context of a familiar assessment method.“

*Joachim Astel, Member of the Board*

*noris network AG*



„... In contrast to other certifications, the Datacenter Star Audit focuses on the actual practical demands and market needs – those criteria in particular relevant for our customers, who outsource the total operation of their business-critical applications to us.“

*Felix Höger, Member of the Board*

*Pironet NDH AG*

## Contact:

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### eco – Association of the German Internet Industry

eco (www.eco.de) has been the Association of the German Internet Industry for 15 years. Over 500 member enterprises employ over 250,000 people with revenues of approx. 46 billion Euros annually. The eco association represents about 230 backbones of the German Internet. eco represents the interests of the German Internet industry in the political arena and before international entities. As a network of experts, eco deals with current issues such as Internet law, infrastructure, online services, and eBusiness.

Datacenter Star Audit  
eco  
Certificate



The quality standard  
*for your Data Center*