



CRITIS in the information technology and telecommunications sector

Requirements, deadlines & thresholds

Why is CRITIS important ?

According to the constitution, the state is obliged to ensure an adequate level of service and security for its citizens. Therefore, sectors and services have been defined that are crucial for the basic provision of the population.

- Security
- Preparation for critical situations
- Ensuring the smooth operation of the organisation





KRITIS Regulation

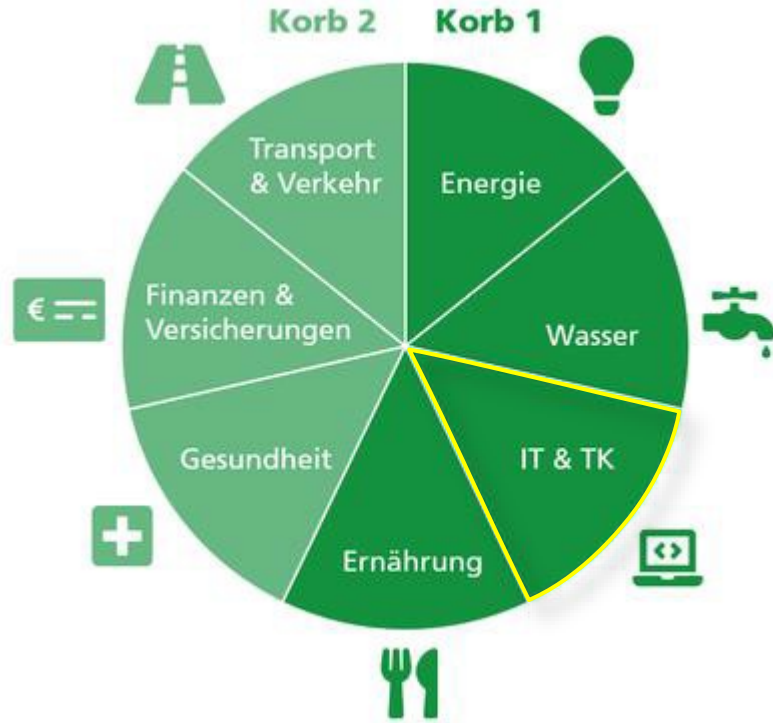
- Defines sectors & industries that are critical
 - Defines thresholds below which Operators are classified as KRITIS
- The classification as Critical Infrastructure affects utilities from approx. 500,000 people

§8a



KRITIS Regulation

"Operators of critical infrastructures shall be obliged to take appropriate organisational and technical precautions to prevent disruptions to the availability, integrity, authenticity and confidentiality of their information technology systems, components or processes that are essential to the functioning of the critical infrastructures they operate no later than two years after the entry into force of the statutory order pursuant to section 10(1)."



Information technology
and
Telecommunications

Deadline: May 2022
Verification: every 2

years

IT & TC Thresholds

- Local access networks: 100,000 subscribers
- Transmission networks for publicly available telephone services and data transmission or internet access services: 100,000 subscribers (lines)
- DNS resolver: 100,000 participants of the access network
- Authoritative DNS servers: 250,000 domains
- Data centre: 5 MW contracted capacity
- Server farm: 25,000 running instances
- Content Delivery Network: delivered 75,000 TByte/year
- Internet node (IXP): 300 participants



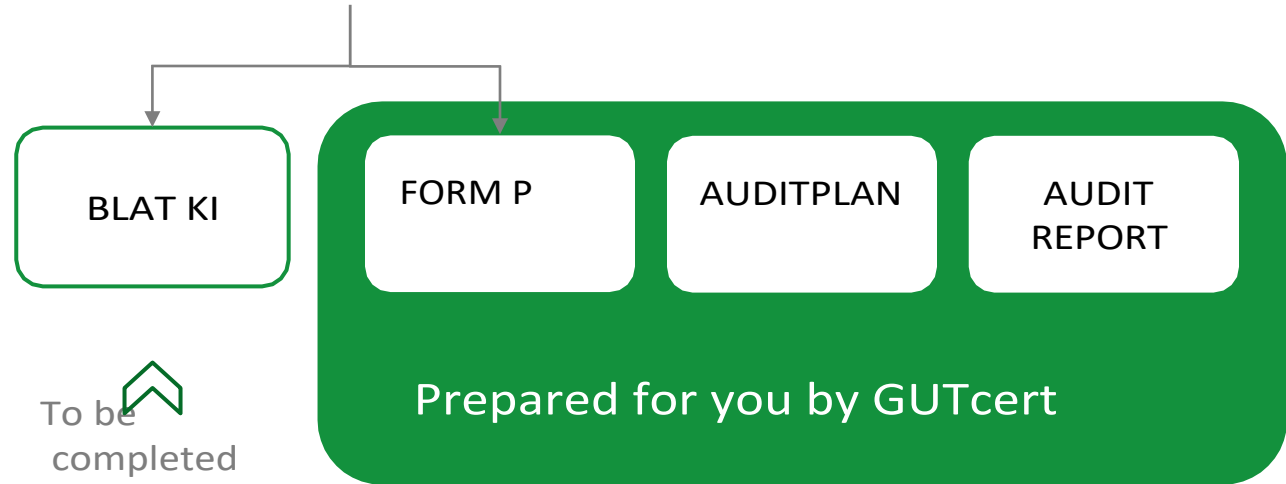


Are you classified as a KRITIS? What do you need to know?

every 2 years

Do you have to submit proof of compliance with the KRITIS Regulation to the BSI?

2 Verification documents



To be completed by you

Prepared for you by GUTcert

! After the KRITIS audit there is **no certificate**

Procedure



Operator must register with the BSI to obtain an operator number. This applies to the following categories of installations:

Internet Exchange Points (IXP) | Local Access Network | Transmission Network | DNS Resolver | Authoritative DNS Server | Data Centre (Housing) | Server Farm | Content Delivery Network | Facility for the Provision of Trust Services



Operators must prove that the IT systems comply with the "State of the art" according to one of the following basics:

- Industry-specific safety standard - B3S
- Guidance on sector-specific safety standards (B3S) according to § 8a (2) BSI
- Adherence to ISO 27001 + adaptation to the industry (with the help of an auditor or industry expert)



Procedure



The industry-specific security standard on IT security applies to the following categories of installations:

- Data centre
- Server farm
- Content Delivery Network

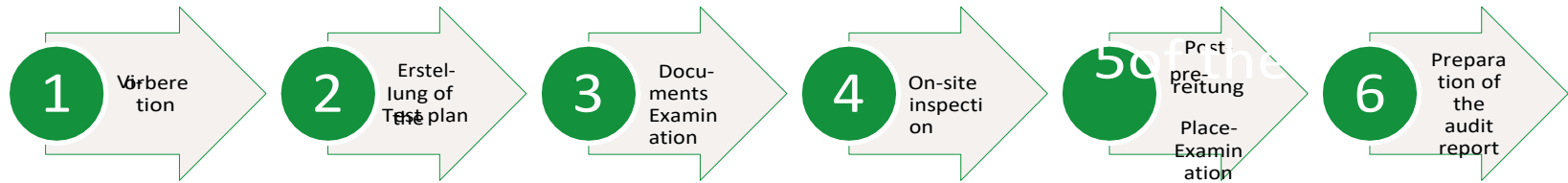


Operator must by the cut-off date of **3 May 2022** have provided the evidence





KRITIS audit explained in six steps



Do you have any questions about KRITIS audit?

Then contact us!

Your KRITIS contact at GUTcert:

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Immer besser werden

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