

5 MINUTES

Assisted Certification of Data Center Infrastructure

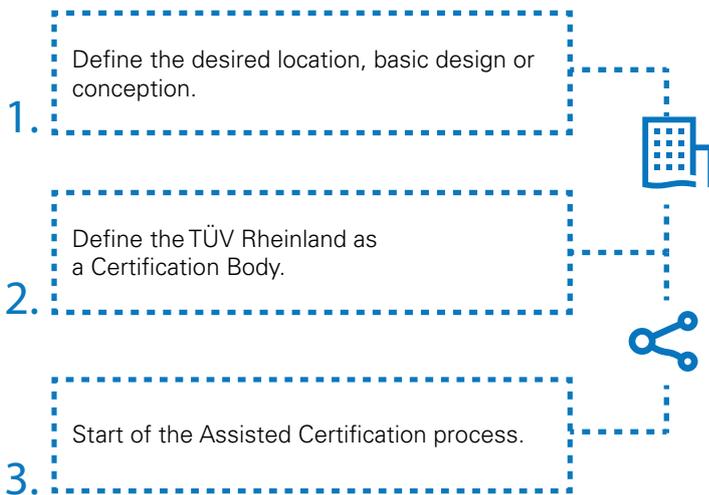
The Assisted Certification of Data Center Infrastructure attests the reliability and integrity of the installations, ensuring that the information is processed according to the requirements established in national and international standards.

Also, the Assisted Certification of Data Center Infrastructure ensures the continuity of the businesses and customer satisfaction according to each application.

What is Certification of Data Center Infrastructure

It is a voluntary certification that is valid worldwide. The TÜV Rheinland assisted certification of data center infrastructure is based on standard ANSI-TIA 942.

What is required?



Why certify?



Global visibility of the Data Centers.



Reduction of short and long term operating costs.



Shows the customer that it has global quality standard.

TR = TÜV Rheinland Ranking:

Requirements	TR01	TR02	TR03	TR04
Redundancy of the components of the systems	N	N+1	2N	2(N+1)
Distribution routes	1	1	2 ways	2 ways
Concomitant maintenance	No	No	Yes = N	Yes = 2N
Allows single failure point	Yes	Yes	None	None
Compartmentation	No	No	No	Yes

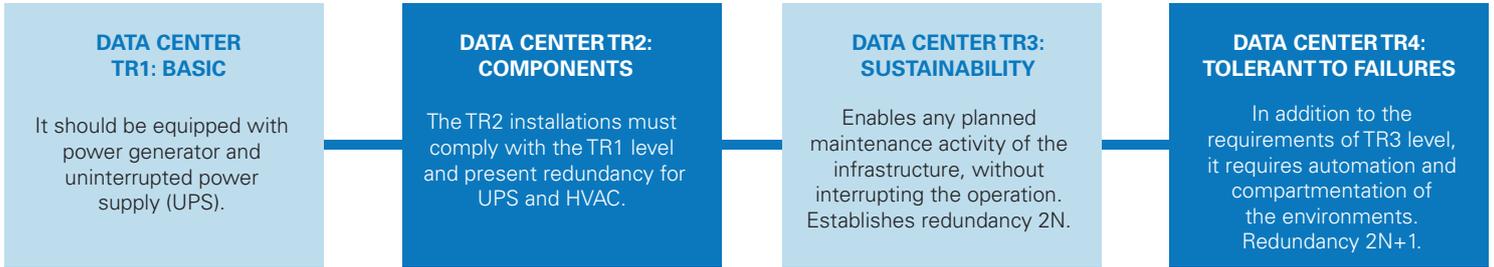
Other parts involved

When parts of the building and/or mounting activities of the Data Center is outsourced, it is necessary to monitor the critical activities at the sub-contractor.

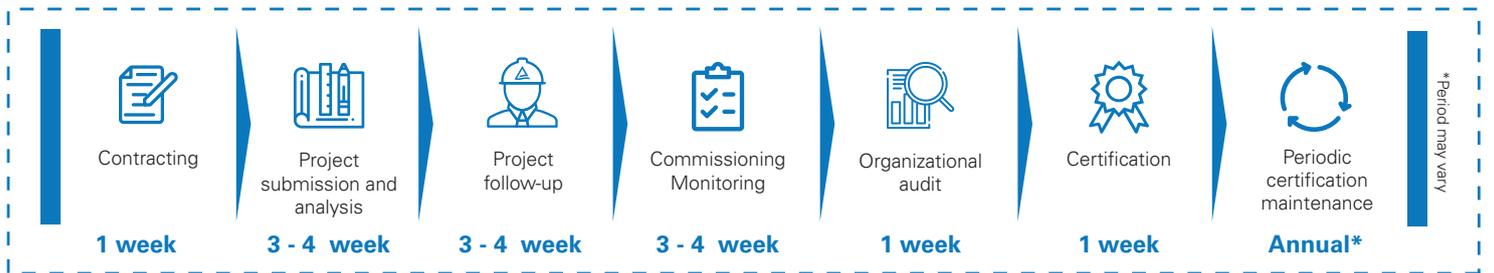
Effective standards for tests

ANSI/TIA 942; ABNT/NBR standards applicable and local regulatory requirements.

Certification Levels:

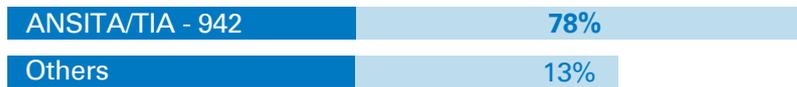


Certification process flow and its stages



! Based on standard ANSI/TIA 942, our certification also emphasizes on the application of ISO 27001/27002 and special requirements that comply with the legislation and characteristics of the Brazilian market.

About standard ANSI/TIA 942



It is the most popular infrastructure standard among operators and owners of Data Centers, with 78% of the Market Share. It provides high level of transparency and covers various aspects of the physical infrastructure, such as location, architecture, electrical features, mechanical features, and telecommunications, among others. It also ensures one of the best cost effectiveness in relation to quality and safety.

COMPLETE AND INTELLIGENT SOLUTIONS



To ensure the excellence of our designs and services. Take advantage of the experience of our multidisciplinary team in Latin America. Access the QR-Code to know more about our services.

CERTIPEDIA



Internet portal that offers access to information on the certificates issued by TÜV Rheinland worldwide.

Doubts? Contact us:

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