



HEALTH CHECK FOR YOUR IT INFRASTRUCTURE

DATA CENTRE PROFESSIONAL SERVICES

2020



DATA CENTRE HEALTH CHECK

Datwyler Data Centre Health Check assessment service provides an entry-level on-site assessment of existing data centre IT infrastructures and components.

The Data Centre Health Check compares your current environment to the industrial standards and best practices for maintaining a reliable facility. We identify high priority issues, overall system risks and problem areas while providing recommendations for data centre improvements.

Datwyler performs the assessment by its own certified data centre experts.



WHY DATA CENTRE HEALTH CHECK?

- . Check compliancy related to defined standard
- . Indicate single points of failure
- . Identify weaknesses, prevent downtime and increase availability
- . Analyse internal organization processes and documentation
- . Provide recommendations for improvement

MEASUREMENTS

- . Thermal scanning
- . Temperature and humidity measurement
- . Power consumption measurement
- . Airflow measurement
- . Cabling infrastructure performance tests
- . Electrostatic potential and grounding tests



HEALTH CHECK PROCEDURES

1. Pre-visit:

Meeting with your IT and data centre operational team at the site along with completion of a questionnaire: define availability class, requested specifications and size in order to provide a detailed assessment offer.

2. Document study:

Collect and analyse your relevant documents.

3. Site assessment:

Assessment based on a pre-defined catalogue of criteria; measurements on cooling systems, power supply systems, cabling infrastructure, safety and security environment as well as staff interviews.

4. Information analysis:

Conduct a gap analysis by comparing the results from the catalogue of criteria and site assessment with data centre international standards to evaluate the current state of your data centre facility.

5. Report:

Present the results to you in a clear format that quickly addresses the issues and summarizes the risks along with recommendations to optimize performance and to improve efficiency.



DESIGN VALIDATION

We validate the design of your new or existing data centre and compare it for compliance to EN 50600 standard.

The outcome is a report which will indicate the level of compliance.



ASSESSMENT

- We perform an assessment based on the relevant European standard EN 50600.
- We use a comprehensive test catalogue covering the building environment, building construction, power supply systems, fire systems, security systems, air conditioning, cabling, organisation and documentation.
- We conduct a gap analysis to evaluate compliance of your data centre facility.



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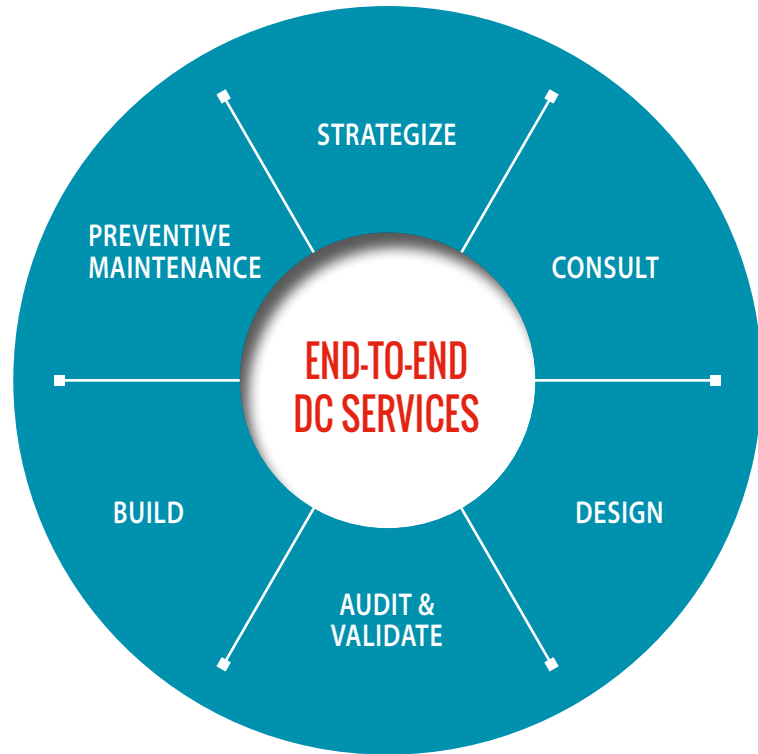
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