DATA CENTRE
PROFESSIONAL SERVICES

ENHANCE YOUR DC RELIABILITY

DÄTWYLER

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 the current environment to the industrial best practices for maintaining a reliable facility by identifying high priority issues, overall system risks and problem areas while providing recommendations for data centre improvements.

WHY DATA CENTRE HEALTH CHECK?

. Provides ways to improve the DC performance and efficiency
. Increases DC life span and prevents downtime
. Maintains an optimal environment
. Indicates what potentially needs to be addressed to avoid any single point of failure
. Compares the current DC environment to international standards and industry best practices
. Identifies high priority hotspots, issues, overall system risks and problems and provides recommendations for improvement

MEASUREMENTS

. Vibration measurement
. Thermal scanning
. Area and volume measurment
. Temperature and humidity measurement
. Power consumption measurement
. Airflow measurement

HEALTH CHECK PROCEDURES

1. Site meeting:
Meeting with IT and data centre operational team at the site along with completion of a questionnaire that targets specific issues of space, power, cooling, IT, and general conditions.

2. Site survey:
Site Survey to gather information on environment and infrastructure and conduct a thermal scanning.

3. Information Analysis:
Conduct a gap analysis by comparing the results from the questionnaire and site survey with the data centre best practice and international standards to assess the current state of the client's data centre facility.

4. Report:
Present the results to the client in a clear format that quickly addresses the issues and summarizes the risks along with general recommendations to optimize performance, reduce power consumption and improve efficiency.

DESIGN VALIDATION

Validate the design of your new or existing data centre and compare it for compliance to certain standards such as UPTIME, BICSI-002 & TIA-942 and others. The outcome is a report which will indicate the level of compliance and what potentially need to be addressed to ensure that an audit will go smooth and leads to certification.

AUDIT & CERTIFICATION

- **We perform an audit based on relevant standards such as Uptime, BICSI-002 or TIA-942 Audit & Certification.**
- **Comprehensive tests over 3500 criteria covering the architecture, electrical systems, mechanical systems, security, telecom, maintenance and documentation.**
- **Conduct a Gap Analysis to assess the current state of the client's data centre facility.**

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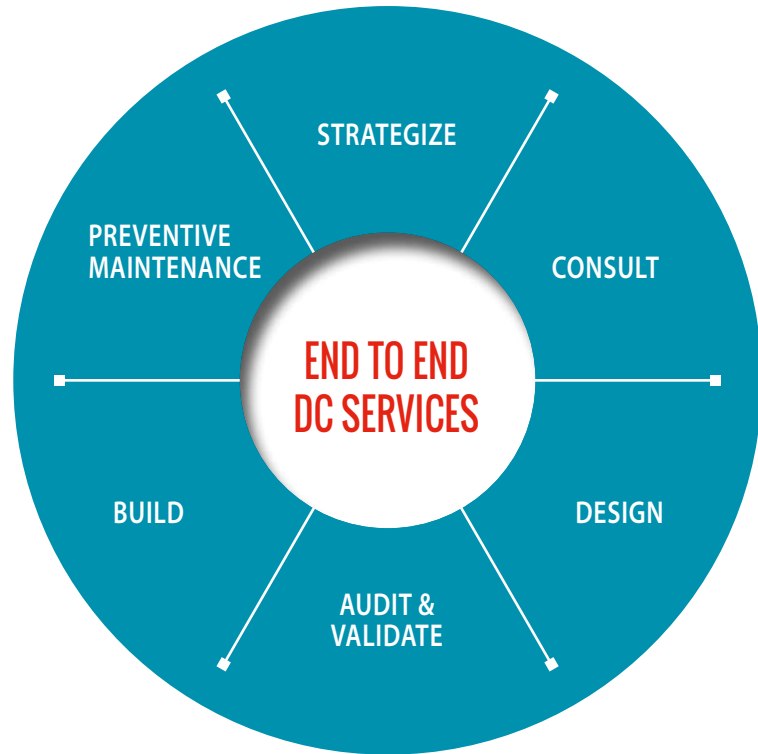info.cabling.de@datwyler.com
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END TO END DC SERVICES

- STRATEGIZE
- CONSULT
- DESIGN
- AUDIT & VALIDATE
- BUILD
- PREVENTIVE MAINTENANCE

Subject to technical modification.