

## Asset Condition Survey

We provide surveys to assess the conditions of the technical infrastructure in data centers and give guidance to optimize the maintenance regime.



Reliability and availability are paramount for mission critical environments. One of the key factors for continuous uptime in data centers is the condition of the technical assets supporting the IT infrastructure. To keep the technical assets in a good condition, a comprehensive maintenance regime is required that focuses on failure prevention and system optimisation. In the course of an Asset Condition Survey, Apleona HSG will review the existing maintenance regime, asset management plans and asset conditions. The aim of the survey is to point out optimisation potential in the existing maintenance regime, provide recommendations for asset management and appraise asset conditions. The Asset Condition survey comprises of an on-site survey and an off-site analysis to evaluate the gathered information. The client will receive a detailed report that reflects the result of the survey and provide guidelines for optimisation.

### Maintenance regime

A comprehensive maintenance concept will support the goal of continuous uptime in critical infrastructures. In this context, maintenance covers all aspects of operation including regular checks and maintenance, and is based on a master plan that includes OEM recommendations as well as industry standards and site specific factors. The survey will cover all these aspects and provides a detailed insight into the effectiveness of the existing maintenance regime.

### Asset Management Plan

An Asset Management Plan identifies “end of life” components in critical infrastructure at an early stage. This allows the user to set up replacement strategies to avoid sudden or unforeseen investments. Therefore the Asset Management Plan not only focuses on the asset condition but also takes into account the availability of spare parts and the availability of asset-specific knowledge on the market. The survey will cover these aspects and provide guidelines for optimising the Asset Management Plan.

### Asset Condition

As a basis for the assessments described above, the actual asset conditions will be reviewed and appraised. The results will give an initial indication if the existing maintenance strategy and asset management are effective. This survey is based on VDMA 24176 and will rate the conditions of the assets in a comprehensible manner.

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### Our services

(available complete or as modules)

#### Maintenance Regime

- Optimise maintenance methodology
- Define content for effective site checks
- Match maintenance content to OEM requirements, industry standards and site specific factors
- Provide guidance to raise effectiveness of the given maintenance regime

#### Asset Management Plan

- Recognise “end of life” components at an early stage
- Ensure spare parts availability
- Ensure availability of experts and knowledge in the market to support the critical systems

#### Asset Condition

- Evaluate condition of all critical assets
- Give insight into the effectiveness of the given maintenance regime
- Based on traceable criteria like VDMA 24176