



Industrie Service

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Mehr Wert.**

## Hetzner Online AG receives TÜV SÜD Certificate "Energy-Efficient Company - Data Center" for the Falkenstein location

The Hetzner Online AG location in Falkenstein (four data centers) has undergone inspection by TÜV SÜD experts from January to April 2011 and has been issued the "Energy-Efficient Company - Data Center" certification mark. The TÜV SÜD standard "energy-efficient company" is a free economic standard, which evaluates how energy is used in companies (here specifically in data centers). The standard covers criteria which record and evaluate the organizational setup of the enterprise, in addition to criteria which take into account the technical facilities with respect to the deployment of energy-efficient technologies. In this respect, the Hetzner Online AG location in Falkenstein was particularly able to score points for the effective use of free cooling and the operation of highly-effective facilities for an Uninterruptible Power Supply (UPS).

In addition, the systematic acquisition of energy data which includes the monitoring of main consumers, as well as air volume control which consistently avoids the unnecessary use of energy, are especially worthy of note. Data centers are heated without drawing additional heat. In the context of TÜV SÜD certification, the assessment is ultimately concluded as a savings potential in terms of technology and cost-efficiency.

The certificate may only be awarded if the minimum requirements of all criteria have been fulfilled and if the potential for technological and cost-effective savings is smaller than 10% of annual energy consumption per source of energy. The Falkenstein location of Hetzner Online AG fulfils these stringent testing criteria. Moreover, the company at the certified location attains on average a remarkably high energy-efficiency annually, as shown in the documented PUE factor ("Power Usage Effectiveness") of 1.124 (average annual value). This means, that at the Falkenstein location only approximately 12% of electrical energy drawn on average each year is used for ancillary processes such as cooling, ventilation and lighting etc. More than 87% of the electrical energy drawn goes directly into computing power for customer applications. For TÜV SÜD officials this represents the best PUE result ever recorded during certification by TÜV SÜD up to now. This is also a notable value on an international scale.

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Die Prüfergebnisse beziehen sich ausschließlich auf die untersuchten Prüfgegenstände.



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