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Anexia invests in network expansion

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The Backbone Europe project ensures triple capacity, increased security and self-service

Klagenfurt, 11/23/2017: With the expansion of its European Backbone, Austrian hosting provider Anexia is making one of the largest investments in the history of the company. The new expansion phase includes a huge upgrade in capacity, an increase in security, and complete automation of the network, which runs from Vienna, through Frankfurt, and all the way to Amsterdam. Anexia is being supported by service integrator Xantaro for the implementation of the project.

In order to be able to offer the customer performance-intensive services such as e-commerce and streaming of higher capacities, as well as improved service through automated provisioning and an emphasis on self-service, the hardware of the existing network is being completely upgraded. Based on the cooperation with Xantaro, the newest technologies will be installed with a capacity of over 2 Tbit/s, for example the MX router by Juniper Networks. The connections between the core locations in Vienna, Frankfurt and Nuremberg will be increased manifold to 100GE. Two-way redundant DWDM systems are being installed in the metros in order to meet the growing demand for 10GE and 100GE wavelengths. The final version of Backbone Europe has 1 Tbit/s of edge capacity with completely redundant connections to carriers such as Telia, NTT and Deutsche Telekom, a 100GE peering port on the DE-CIX – the largest Internet exchange point in the world – and 100 Gbit/s direct connections to various Internet providers.

The distributed and largely self-repairing infrastructure is even able to ward off severe DDoS attacks. Complete automation of the network will soon enable customers of the cloud management platform Anexia Engine to carry out network and bandwidth settings in the self-service portal. Appropriate capacities will be provisioned automatically and made available within seconds.

"The major expansion of our European Backbone helps us meet the needs of our customers from Europe and the USA", explains Theo Voss, Head of Network and Infrastructure at Anexia. In addition, Backbone Europe serves as a blueprint for further, planned expansion stages of Anexia's World Wide Cloud."

The cooperation with service integrator and Juniper specialists Xantaro enables recourse to the latest technologies and expertise from numerous projects, where the focus is on the maximum level of reliability and security during extreme capacities. "With the new infrastructure, Anexia is at the very fore of technology, even on a global level", adds Gerold Arheilger, CTO of the Xantaro Group. "From planning and the hardware used through to implementation – this project is an example of the way in which new-generation networks can be executed today."

About Anexia
Anexia was founded by Alexander Windbichler in Klagenfurt, Austria in 2006. The IT service provider offers high-quality and individual solutions in the area of cloud and management hosting as well as customized software and app development. At the same time, Anexia also operates its own independent computer centers. With more than 170 employees in 10 branch offices in Europe and the USA, Anexia has over 80 international server locations and provides services for around 10,000 active customers. More information: www.anexia-it.com

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