

CASE STUDY – Government

Out-of-Band Management Tools Provide Remote Access and Management of Servers



OVERVIEW

The Landesamt für Steuern is the tax authority for the state of Bavaria in Germany. The agency requires a high level of network availability to transport financial data between its 116 collection offices and the data center. It has four levels of redundancy that sustain its network operations. If an application or equipment mishap blocks information flow, traffic can be redirected along another route. Yet, even with all its extensive back up facilities, the Landesamt für Steuern still relies on out-of-band management tools to provide an alternative route to remotely access and manage its servers should they become disconnected from the production network.

CHALLENGE

The Landesamt für Steuern has one data center, the technical finance office in Nuremberg and two administration centers in Munich and Nuremberg for the data transfer between the 116 offices throughout Bavaria. In addition, these centers are connected to the network of the German tax authority. Since technicians are not always onsite at the data centers, the Landesamt für Steuern needed a way to access and manage equipment remotely should a malfunction occur.



PROFILE

Company

Landesamt für Steuern

Type of business

Government tax authority

Corporate headquarters

Munich, Nuremberg
Germany

Web site

www.finanzamt.de/bayern

Application

Remote access and management of servers

"Out-of-band management tools provide a critical second line of defense against network downtime, augmenting our systems management tools for maximum network availability."

Jürgen Hachenberger
Senior Systems Engineer
FSC

SOLUTION

The Landesamt für Steuern considered other vendors but chose Cyclades® ACS advanced console servers and Cyclades PM intelligent power distribution units (IPDUs) based on the security features and embedded Linux-based programming. Also, the Landesamt für Steuern liked the comprehensive systems approach to out-of-band management, which gives them the ability to add different components as their technology evolves and to consolidate the management of all equipment. The Landesamt für Steuern used Cyclades ACS console servers and Cyclades IPDUs in combination with Primergy TX600 from Fujitsu Siemens.

ABOUT AVOCENT

Avocent delivers IT operations and infrastructure management solutions for enterprises worldwide, helping customers to reduce costs and simplify complex IT environments via integrated, centralized in-band and out-of-band hardware and software. Through LANDesk, Avocent also is a leading provider of systems, security, and process management solutions. Additional information is available at: www.avocent.com.

RESULTS

- Decreased operational costs and increased productivity through faster problem analysis and resolution
- Remote powering off of servers and active components

“Avocent solutions deliver added protection, so our business stays operational 24/7. It is one of the easiest and most effective ways to reduce human intervention while minimizing unplanned downtime.”

Jürgen Hachenberger
Senior Systems Engineer
FSC



Corporate Headquarters
4991 Corporate Drive, Huntsville, AL 35805
TEL 866.277.1924 FAX 256.430.4030
www.avocent.com

Avocent, the Avocent logo, The Power of Being There and Cyclades are registered trademarks of Avocent Corporation or its affiliates. All other marks are the property of their respective owners.

Copyright © 2006, Avocent Corporation. All rights reserved.

1006-LND-CS