



## REFERENCE

# AGAPLESION gAG

## BI thinking outside the box

### Project Environment

AGAPLESION gAG was founded in 2002 in Frankfurt. The company's main principles however have a 150 year-long history. AGAPLESION's goals are based on the traditions of the Diakonie (clerical welfare and social work in Germany). With these traditions in mind, this non-profit private company wants to successfully establish Christian and social institutions in a sophisticated economic and competitive environment. Today, more than 100 institutions throughout Germany are part of AGAPLESION and more than 19,000 employees practice patient-oriented medicine and offer dignified care in compliance with approved quality standards. 500,000 patients per year are cared for in 29 hospitals with around 6,400 beds. In addition, 31 residential and nursing homes as well as 800 assisted living apartments offer comprehensive care for people in need. With this amount of responsibility, a data-based overview is vital to ensure a successful organization. When the DWH performance was not satisfactory anymore, AGAPLESION's IT department approached Axians expressing the wish of replacing the server systems.

### Project Requirements And Goals

But not only doctors, also IT experts know the saying: "Never trust a patient's own diagnosis". Consequently, the customer's assessment was thoroughly examined by Axians' IT Architects in the business unit Analytics & Data and a workshop for a proof of concept was conducted at AGAPLESION. It soon became clear that by improving the software configurations as well as the ETL processes in the DWH, the runtime would already be significantly reduced by up to 70%. Also, by now, the customer's key requirements for their IT department had transpired along with their respective potential improvements. The customer was in need of generally more cultivated data management with better usability and more acceptance among the users as well as advanced analytical capabilities and higher stability. After the customer's business requirements had been effectively communicated, the decision was an easy one. It was imperative to design a complete server and flash storage architecture. Also, problems AGAPLESION used to have with evaluations would be eliminated by using a separate PureData for Analytics (PDA) appliance.

### TASK/GOAL

- Increasing performance in Data Warehouse
- Renewing BI infrastructure
- Improving data quality and data management with advanced analytical features

### SOLUTION

- Business analytics Axians "myAppliance"
- IBM Cognos with PureData for Analytics
- Virtualized server farm for Cognos and Shared Storage

### BENEFITS

- Sustainable and scalable IT infrastructure
- Up to 70% faster analyses
- Advanced analytical capabilities and greater stability
- Positive feedback from and high acceptance among users

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## Implementation

The complete system “myAppliance” was the tool of choice for AGAPLESION. Axians’ “myAppliance” unites hardware (server, storage, network technology), software (IBM Cognos with PureData for Analytics) and application support as an improved basis for advanced analytical capabilities. With these Power 8-based appliances for the area of business analytics, tailored personally to every individual customer, Axians simplifies the access to processed information from different sources primarily for medium-sized and larger companies and institutions. Especially using the optimized software configuration quickly led to shorter runtimes for the analyses at AGAPLESION. The core parts used here are IBM PureData for Analytics (Netezza) and a virtualized server farm for Cognos and Shared Storage. Additionally, there is a license consolidation of 5 years. The new landscape is operated at a co-location and Axians’ managed service is in charge of operating the applications for Cognos.

## Project outcome

The final conclusion: The customer’s problem was effectively solved, Axians went much further than just fulfilling superficial requests. AGAPLESION now has a sustainably designed IT infrastructure at its disposal, a solution for cross-platform system management and data analysis as a strong tool to adjust more than just the technology to growing demands in a much better and quicker way. Due to extensive analytical capabilities, the right strategical decisions can now be made company-wide at the appropriate time and significantly shorter runtimes were achieved with improved user guidance. This also led to a higher acceptance among the users. In addition to advanced analytical capabilities, improved stability ensures that the new environment is now also securely available as a development platform or for backups.

## CUSTOMER INFO



**Company:** AGAPLESION gAG

**Industry:** Health care | Social services

**Location:** Frankfurt am Main

**Founded:** 2002

**Dimensions:** Committed operator of 29 clinics and 31 care facilities throughout Germany with around 19,000 employees altogether and a revenue of around EUR 1 billion (2015).

**Homepage:** [www.agaplesion.de](http://www.agaplesion.de)

## ABOUT AXIANS

Axians in Germany is an agile corporate network of specialised ICT service providers and software manufacturers under the VINCI Energies global ICT brand Axians. Direct proximity to customers is achieved through a comprehensive presence in 27 cities.

The network guides its customers – private sector firms, local authorities, public institutions, network operators and service providers – throughout the entire ICT process chain. The core expertise of IT solutions, IT security, network infrastructure and network technology is supplemented by the company's own industry software, supporting customers for all requirements of core ICT and the digital transformation. By combining consultation, implementation, service and operation, customers can exploit technologies and applications appropriately, optimise processes and realise their digital business strategies sustainably. With 1,850 specialists, Axians in Germany can respond to every challenge with a customised solution and the best team from the network.

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