**Axians**

**TASK / OBJECTIVES**
- Significant simplification of administration
- Simplification of LPAR creation
- Optimization of disk mapping and network configuration

**SOLUTION**
- Deployment of Axians’ Dynamic Power Cloud Manager (DPCM), an automation and admin tool for IBM Power environments

**BENEFITS**
- Simple and intuitive management of complex IT environment enabled by DPCM
- Time savings for IT admins so they can concentrate on other, more pressing tasks
- Integrated recreate feature for LPAR profiles
- Downtimes during an AIX update reduced by up to 70%
- Customer’s staff can be instructed on the system in a minimum of time without having to acquire deep expertise

**REFERENCE**

**TimoCom Soft- und Hardware GmbH**

One tool to rule them all: DPCM by Axians

**Background**
Every transport requires two things: the consignment — and the right cargo space in the right vehicle. TimoCom, based in Erkrath, Germany, near Düsseldorf, brings both components together for the European logistics industry. With its international team of over 400 specialists, TimoCom Soft- und Hardware GmbH offers TC Truck&Cargo®, Europe’s leading vehicle and freight exchange, and a dedicated app for the digital handling of transport orders — in addition to an online tendering platform, a logistics network for over 40,000 verified companies, and an exchange for warehousing space to dovetail with individual requirements. All applications are available in 44 countries and 24 languages.

Having developed from a start-up into one of Europe’s most successful IT specialists for transport logistics, TimoCom’s high innovative prowess is one of its key maxims of success.

**Project Requirements & Goals**
Up to half a million freight and vehicle offers are posted every day alone on TimoCom’s TC Truck&Cargo® transport logistics platform. An IT system environment providing for maximum efficiency is indispensable for these services, as is the expert administration of this environment. In its IBM Power environment, consisting of four IBM Power8 servers and 90 LPARs, TimoCom was faced with the challenge of simplifying LPAR creation and radically optimizing disk mapping and network configuration. TimoCom’s clear-cut goal was to simplify administration significantly.

With its Dynamic Power Cloud Manager (DPCM), Axians offers a management and automation solution for IBM Power environments. Thanks to DPCM, admins are able to simplify all the functionality and management tasks involved with virtual servers for their IBM Power systems under AIX, IBM i, Linux and SAP HANA. DPCM’s customizable functionality enables costs to be reduced, and its intuitive web-based front-end provides for maximum operational ease.

TimoCom administers its Oracle production databases for TC Truck&Cargo® primarily via DPCM, and an application for the digital processing of transport orders. The option of using DPCM to perform capacity planning supports TimoCom in designing its future IT environment.
**Project Implementation & Outcomes**

The DPCM administration and automation tool has convinced TimoCom across the board, especially when it comes to operations. The high complexity of TimoCom’s environment can be graphically modelled in an easy-to-understand manner thanks to DPCM’s GUI. For the admins, this translates into a reduction in the individual work steps, meaning they no longer have to deal with every single bit and byte. Result: a significant time savings. In its system administration, TimoCom also benefits from fully automated LPAR deployment and standardization of all LPARs.

Thanks to DPCM, labor-intensive disk mapping has been simplified substantially. At the same time, redundant and performant integration is ensured by virtue of the automatic application of best practices pertaining to disk parameters and tuning operations.

When a machine requires maintenance work, the Global LPM feature provides for an efficient method to clear it, meaning scheduled downtimes of applications are avoided. DPCM supports the OS updates of the LPARs by integrating various NIM-based update procedures (e.g. nimadm). The GUI simplifies handling significantly, enabling the downtime during an AIX update to be reduced by up to 70%.

TimoCom was also drawn to DPCM’s recreate function of LPAR profiles. This enables copies of LPAR profiles to be maintained on other IBM Power systems so that logical partitions are initiated on another server as needed. In so doing, DPCM monitors the synchronicity of both profiles so that changes in the virtualization layer of an LPAR can be automatically incorporated in the standby profile.

---

**CUSTOMER BRIEF**

**Company:** TimoCom Soft- und Hardware GmbH  
**Sector:** IT specialist for transport & logistics  
**Registered office:** Erkrath, Germany (near Düsseldorf)  
**Founded:** 1997  
**Facts & figures:** Operator of Europe’s largest transport platform; up to 750,000 international freight and vehicle cargo space offers posted every day. Workforce: over 440 employees from 24 countries. Revenue: over € 67 million/year (2017)  
**Web:** www.timocom.com

---

**AXIANS IN GERMANY**

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 25 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.

---

**REFERENCE**

TimoCom Soft- und Hardware GmbH