

> HSBC Trinkaus & Burkhardt decides on MULTIVERSA - CoCoNet's new e-banking software generation

HSBC Trinkaus & Burkhardt KgaA (HSBC TUB), Dusseldorf, modernise their e-banking product portfolio targeting corporate customers with CoCoNet's new, J2EE based solutions MULTIVERSA IBS International Banking Server, MULTIVERSA IFP International Finance Portal and MULTIVERSA PBS Professional Banking System. MULTIVERSA IBS is core of the architecture acting as HSBC TUB's central e-banking server. MULTIVERSA IFP is the main access channel for HSBC TUB's corporate customers to the bank's online services. With MULTIVERSA PBS, HSBC TUB complete their product portfolio with a modern offline system.

> „CoCoNet's first software generation has been successfully in operation at HSBC TUB for years. We decided though to replace them with the MULTIVERSA product line because all products of this new software generation are of high performance, scalable and flexibly extendable. Market requirements change quickly - with MULTIVERSA we can react in a better way.“
Michael Pohl, Project Lead, HSBC TUB.

**A new, high-end bank server for corporate banking:
MULTIVERSA IBS International Banking Server**

With **MULTIVERSA IBS International Banking Server** HSBC TUB has replaced the existing, Windows NT based server from CoCoNet's first software generation.

MULTIVERSA IBS is **HSBC TUB's central middleware** for receiving, processing and routing of data submitted by the different customer

and back-end systems. MULTIVERSA IBS provides a bundle of basic components with general processing functions which can be used for requests of multiple channels. In contrast, other processes such as authorisation, de-/encryption and validation of digital signatures have to be processed by channel-specific modules.

With the change of the system HSBC TUB achieved above all an increase of **stability and performance**. Unlike the forerunner system MULTIVERSA IBS uses a consistent streaming-based technology. Moreover, MULTIVERSA IBS shows a significantly improved processing logic.

> „Both factors have notable effects on performance and stability.“
declares Michael Pohl.

Modern, user friendly customer systems

Until now, HSBC TUB has been offering tailor-made e-banking products from CoCoNet's proven MULTIWEB product line to their about 1,000 corporate customers: MULTIWEB Banking as thin internet banking solution and MULTIWEB ProCash for multi-user scenarios and parallel communication via internet and BCS/FTAM. In the course of the technological modernisation, HSBC TUB decided to replace MULTIWEB Banking with a modern portal solution: **MULTIVERSA IFP International Finance Portal**. Likewise, HSBC TUB is going to replace the offline system MULTIWEB ProCash with **MULTIVERSA PBS Professional Banking System**, another product of CoCoNet's new software generation.

About HSBC Trinkaus & Burkhardt KgaA

HSBC Trinkaus & Burkhardt is a German private bank and one of the members of the world's largest banking groups - HSBC group.

HSBC TUB is headquartered in Dusseldorf and has branches in Baden-Baden, Berlin, Frankfurt/Main, Hamburg, Munich and Stuttgart and a subsidiary in Luxemburg.

www.hsbctrinkaus.de

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MULTIVERSA IFP - „single point of entry“ for corporate customers

Facing expressed demand from their corporate customers of a comfortable portal solution without installation on their local workstations, HSBC TUB opted to enhance their e-banking services with a portal.

➤ *„We decided again on a CoCoNet product, MULTIVERSA IFP International Finance Portal, because CoCoNet is a proven partner of HSBC TUB and one of the market-leading software vendors in this sector.“*
says Michael Pohl.

Key arguments for MULTIVERSA IFP were its **modern technology**, the **broad functional range** and the **capability of multi-bank communication**. MULTIVERSA IFP combines applications for domestic and international payment transactions with cash management solutions for professional users.

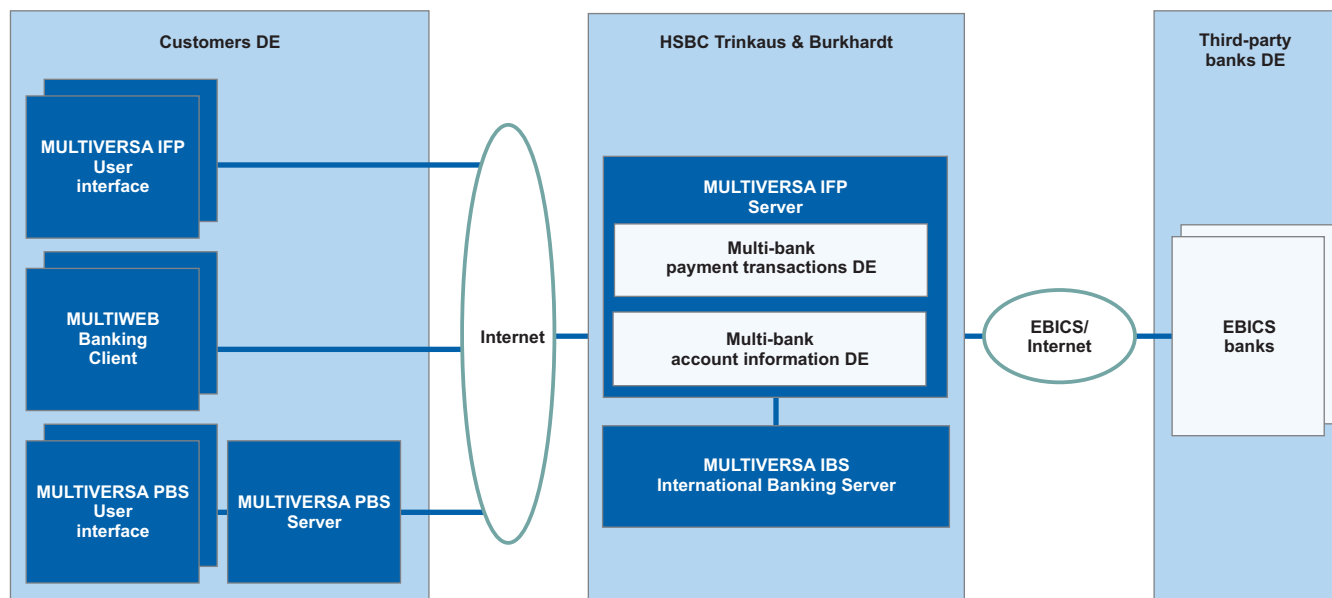
MULTIVERSA GPF Generic Payment Factory, an integrated module of MULTIVERSA IFP, facilitates a universal processing different payment formats. Moreover, MULTIVERSA GPF provides a very user friendly payment entry functionality: The user has only to decide whether he wants to initiate a credit transfer or a direct debit. He enters the basic data and the system automatically selects a suitable format. Traditional e-banking systems, in contrast, require from the user a decision on the format before he enters the data of the payment. This requires appropriate know-how on the customer's side.

MULTIVERSA PBS - the multi-user offline e-banking and cash management system for demanding corporate customers

Still, there are many customers which prefer a traditional offline solution. To this clientele, HSBC TUB offers an alternative with CoCoNet's MULTIWEB ProCash respectively, in future, MULTIVERSA PBS Professional Banking System. MULTIVERSA PBS is an **innovative multi-user system** of modular design enabling HSBC TUB to market the software in customised packages - tailorable in terms of corporate design, languages, functionality, formats, bank connections and security procedures.

MULTIVERSA PBS **flexibly adapts to different usage scenarios** facilitating both installation as single user version on a desktop PC or laptop and an architecture with a central server providing access to the applications for multiple users.

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HSBC TUB - a complete e-banking architecture based on CoCoNet solutions

Ready for the future with MULTIVERSA

With MULTIVERSA IBS and MULTIVERSA IFP and, in the future, MULTIVERSA PBS HSBC TUB decided on a **future-proof e-banking architecture** which is flexibly extendable and scalable in case of new market requirements.

HSBC TUB has already planned the next steps: Yet this year, the bank is going to integrate the new German internet banking standard **EBICS** in all MULTIVERSA products.

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