business LOGICS
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BL Banking Server

The EBICS server for banks and service data centres

Highest performance
for full functionality
and maximum security

Perfection is not the goal but the way towards it.
Even the smallest details are constantly improved.
The only way to achieve the best solution.

EBICS without limits

No matter which EBICS dialect your customers speak or which formats are to be processed. The BL Banking Server knows no limits.

A system for all standards

An EBICS server should be open for all from the very start. This involves one thing in particular: complete support for all EBICS standards. No matter the country where the customers want to use EBICS or whether they use a German, French or Swiss client – a direct connection is possible with the BL Banking Server.

The format specialist

In addition to the country-specific formats, a modern system must also be able to process any other format. The server offers all the options with its universal format definitions for XML-based and any other files.

Especially for corporate customers

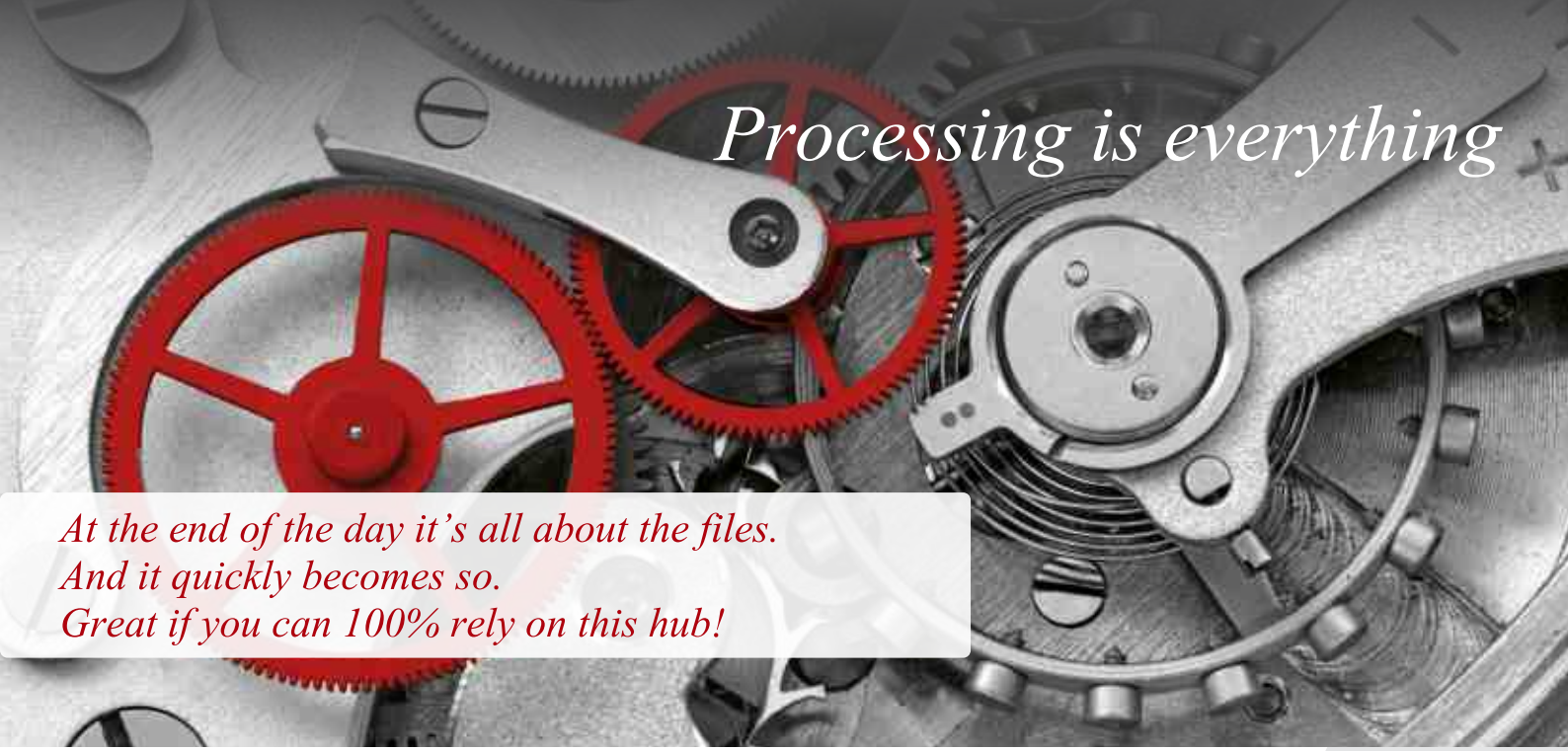
Special requirements can only be covered with the best-possible solution. Especially adapted for Corporate Banking, the BL Banking Server guarantees integration in any infrastructure and the depiction of all business processes.

Fully client-enabled

Service data centres and IT companies benefit from the consistently logical separation of all data. This applies both to bank data and the system parameters. Thanks to the comprehensive group and rights concept, all user groups can be set up according to the stipulated requirements.

Open plug-in architecture

The architecture of the system is designed such that all elements are modular. All functions can therefore be individually adapted. In particular, it is easily possible to integrate new formats into the server's processing engine.



Processing is everything

At the end of the day it's all about the files.
And it quickly becomes so.
Great if you can 100% rely on this hub!

Anything is possible

Data processing is the heart of each EBICS server. On the one hand, absolute precision is required; on the other hand, maximum flexibility must be guaranteed to support all required adaptations to the bank's internal needs. The BL Banking Server data processing is therefore both: absolutely reliable and yet completely flexible.

Full integration

The basis for the free definition of business processes is the common view of all data. For this reason there is a set of accompanying meta-information for all files. Therefore all of the standardised information is available for each file. This is completely independent of whether they get into the system via EBICS or an import interface.

Free processing rules

Each incoming file can be processed or initiate actions using freely definable rules — including in third-party systems. The functions cover all aspects of the processing and system integration, from dividing up container files to sending emails.

Encrypted file store

Safe as houses: An encrypted file store is available for environments with higher security requirements.

Plan tasks easily

In addition to the routine processing of customer enquiries, many additional tasks are required and the system undertakes these at the same time. Both pre-defined and separate processes can easily be planned down to the second in the management area of the regular tasks.

Administration as a whole

There are many requirements for administration. The most important of these however is providing all users with a platform for their role.

Detailed depiction of roles and rights for all user groups

Any working groups for the administration can be created using the detailed rights concept. In addition to the classical roles and groups for system administration, customer advice or the hotline, other groups can be generated with the associated roles and rights at any time.

Security via authorisation with double-checking

The double-checking principle, which can be used in all parts of the administration, supports the authorisation of changes by two or more responsible people.

System-wide conformity with each revision requirement

All changes in the system are stored in detail and are available including a search function. Adjustable storage periods for logging and storing customer files enable adjustments to be made for all requirements.

Automatic transfer of master data via the master data interface

The *master data interface* was created to avoid all problems associated with double master data storage. The BL Banking Server uses it to settle the customer data held in the leading system independently. The transfer of customers, participants, accounts and rights can be implemented both automatically and at firmly set times or even manually.

Full performance

Payment systems have to be able to handle any realistic load situation. This only works if they have been precisely defined for this.

The 365/24 design

The whole system design has been designed for ongoing operations in the data centre from the very start. The platform used is the tried and tested *Java Enterprise* architecture. In combination with the robust application design, the highest level of performance and reliability is achieved.

Best performance thanks to low hardware requirements

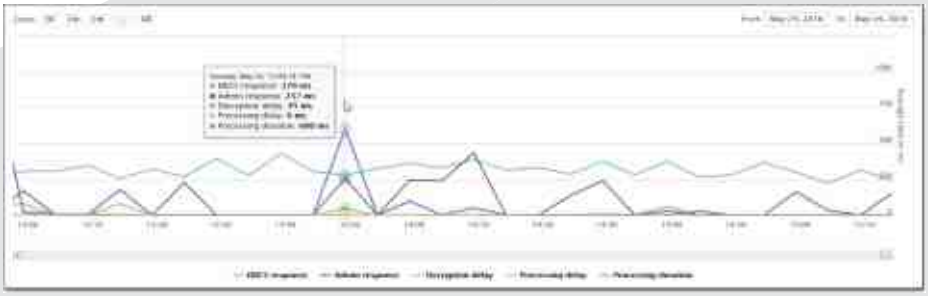
Where many systems only meet all of the requirements with the newest and correspondingly costly hardware, even large financial institutions and service providers can already be prepared for productive operations with standard hardware. All application layers have been optimised, creating a low system load even if there are a lot of enquiries. This enables — amongst other things — problem-free operation in VM environments.

Even more reserves using cluster set-up

The system is fully cluster-enabled. Therefore the load can be effortlessly distributed over several cluster nodes. This not only provides higher total throughput but also optimal reliability.

Performance monitoring included

With the integrated statistics module, all performance data remains firmly in view. The statistics cover such matters as the number of enquiries, number and size of the customer files sent/received, response times for EBICS and various processing indicators.



Designed for the future

The future functionality of a system primarily depends on whether the architecture team took the future into account as a design objective from the very start.

Based on industry standards

Through the use of the *Java Enterprise Edition* as a platform, both standardisation and progress of the application base are guaranteed. The middleware standard for corporate applications, which has existed since 1999, is subject to ongoing permanent development. Implementations are available for all common operating systems in the form of commercial and *Open Source* servers.

Transaction security and connection with external systems are available from the start

An elementary component of electronic payments is transaction-secure processing. Here the software benefits from the mature transaction management of the application server. Other system services provide standardised access to all types of IT resources, from databases via *Enterprise Information Systems* (EIS) and even email servers.

Standardised interfaces for application control

As a modern middleware application, the server uses all options for modularisation. All components permit the problem-free addition or replacement of functions. In particular, standardised interfaces can be used to integrate other implementations. To depict all business events, the interfaces also allow, in addition to the control of third-party systems, the initiation of events in the BL Banking Server via external IT systems.

Integration of all future EBICS standards included

Electronic payments in Europe are unimaginable without EBICS. As in the past, the BL Banking Server will continue to fully implement the current EBICS standard – it goes without saying that this will be within the framework of software maintenance for all customers without an additional charge.

Start immediately

A good concept lives from being as simple as possible. This is the only way for the new system to be a success from the very start – for users and operators.

Production-ready within a few minutes

The requirement for providing EBICS services is – apart from the obligatory internet connection – the provision of backend processing systems. The installation of the BL Banking Server as a connection between the internet and backend systems is then only a matter of minutes thanks to the set-up programs.

Quick conversion thanks to the EBICS standard

The conversion from an existing system to the new banking server can be achieved quickly and easily. The advantage: the standard defines both the access to the EBICS server and the format details.

Transparent switch for the customers

For customers the most important thing when switching is that this is completely transparent for them. So that this is problem-free, all master data is transferred to the new system. In particular, the existing EBICS keys can be imported so that participants can continue working without having to pause for re-initialisation as was previously the case. In addition, all statuses for the collection information can be transferred to the new system.

Conversion step-by-step using the EBICS Switch

With the *EBICS Switch* it is possible to operate the new banking server in parallel to the EBICS system it is replacing. The EBICS customers can therefore be switched individually to the new system.

Simple operation as part of the IT infrastructure

Java Enterprise applications can be integrated effortlessly into any environment using the fundamental standards. In addition, the system administrators benefit from the standardised deployment procedures. The import of a new version normally consists of exchanging a single file.

System requirements

Operating system	Microsoft Windows or Unix systems (Linux, AIX, Solaris, ...)
Database	DB2, DB2/AS400, HSQLDB, MS-SQL Server, MySQL, Oracle Database, PostgreSQL
Application Server	Apache TomEE, IBM WebSphere, JBoss EAP, Oracle WebLogic

We are happy to offer interested parties a fully functional test installation in their system environment so they can convince themselves of the performance of the BL Banking Server.

Talk to us — our EBICS experts are happy to answer questions and provide additional information.

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