

**Customer**

BBP AG

**Industry**

Financial Services

**Challenge**

Ability to guarantee secure continuous interbank connections 24x7

**Solution**

JBoss Enterprise Application Platform  
Ingres Database  
Red Hat Enterprise Linux

**Benefits**

Ability to develop and deploy in the same environment  
Reduced cost and risk  
Increased customer satisfaction through:

- 24x7 access to interbank applications
- Streamlined corporate payment process
- Lower total cost of ownership
- Increased security and control

## BBP Builds Reliable Reputation on Integrated Open Source Development Stack

**HIGHLIGHTS**

BBP develops financial messaging applications that are offered to financial institutions on an in-house or service bureau basis for SWIFT, SIC, and other financial networks. BBP guarantees continuous interbank connection availability and 24x7 access to its IGTplus middleware. Given the sensitivity of the application and the underlying data, BBP required an application infrastructure that could meet its stringent requirements for security and availability. BBP chose Red Hat and Ingres technologies due to comprehensive functionality provided by the individual products as well as the fact that the products were pre-integrated, fully certified, tested, and tuned for performance. This solution was also chosen because both Ingres and Red Hat are well known for providing 24x7 support and maintenance to enterprises around the world. Cost was an important factor as well. Deployed since 2003, the application provides software and services to hundreds of banks throughout Europe as well as other countries including the United States.

**CHALLENGE**

BBP AG is an integrated software and solution vendor specializing in integration of interbank applications. Founded in Baden, Switzerland in 1984, BBP has been a subsidiary of New Jersey-based Fundtech Corporation since 1999. Known as IGTplus (Interbank Gateway), the middleware created by BBP connects financial institutions to payment transactions, securities trading, and processing systems. BBP offers this middleware on an in-house or ServiceBureau basis for a range of financial networks including SWIFTNet (Society for Worldwide Interbank Financial Telecommunications), the trading, clearing and settlement systems of the SIX Group (SWX, SIC, euroSIC, SECOM) as well as FED and CHIPS (US Dollar clearing) and connectivity to Brokers.

In 1995, BBP opened Switzerland's first independent ServiceBureau (SB). Today, BBP and its subsidiaries directly serve more than 200 financial institutions, making it the largest SWIFT SB in the world. With more than 100 active installations at approximately 50 banks and data centers, BBP serves more than 400 banks throughout Switzerland, as well as in Germany, Great Britain, Ireland, Sweden, France, Singapore, the Caribbean, and the United States.

“With the Open Source development stack offered by Red Hat and Ingres, we can develop and deploy custom applications within the same environment. This helps us manage costs, and more confidently ensure performance, reliability, and security, because we no longer have to develop in a production environment, then deploy in another.”

– Amir Housseini, Chief Technical Officer, BBP

Product reliability, security, and control are top priorities for BBP. These priorities – combined with a company-wide commitment to long-term, successful collaboration with clients and partners – have earned BBP an excellent reputation in the banking industry. Committed to serving smaller financial institutions as well, BBP promises extremely cost-effective access to interbank services plus quick, easy installation without any significant investment in hardware or software. To uphold its rock-solid reputation, this ISV must be able to guarantee continuous interbank connection availability and 24x7 access to their business-critical application, along with unshakable security and low total cost of ownership (TCO).

### Solution

BBP’s IGTplus middleware is a custom Java EE application developed in-house using the JBoss Enterprise Application Platform and the Ingres Database. The integrated application development stack from Red Hat and Ingres enabled BBP to develop its application in an environment preferred by their developers, and then to deploy in production within the same environment. Developing and deploying in a common environment enabled BBP to further reduce cost and risk. “By using this stack, we were able to reduce overall project costs by approximately 30% without increasing risk or sacrificing quality,” reports BBP Chief Technical Officer Amir Housseini.

According to Housseini, “Our charter is to provide a bank-independent, business-critical application that simplifies and streamlines payment processes and control procedures for financial institutions throughout the world.

Our customers come to us because they want to reduce the risk and complexity of supporting multiple platforms, procedures, and standards required in a multi-bank environment – while lowering TCO, increasing security controls, and strengthening compliance reporting capabilities. Basically, they place their trust and the success of their day-to-day business processes directly in our hands.”

That is why BBP’s entire business relies exclusively on an integrated commercial open source stack comprised of Ingres Database, a JBoss Enterprise Application Platform, and Red Hat Enterprise Linux. “Ingres and Red Hat have proven, long-term track records of successful enterprise deployments,” says Housseini, “as well as world-class global support which is crucial in helping BBP meet its goals.” Additionally, BBP prefers this solution because the license-free economics of commercial open source provide the company with all the functionality of a proprietary solution at a fraction of the cost.

Yet, the primary reason BBP prefers this integrated stack above all others is the fact that Ingres and JBoss are commercially proven, pre-integrated technologies that work together seamlessly. “Because JBoss is certified to work with Ingres,” says Housseini, “we know the technologies have been tested repeatedly and are guaranteed to work together. Without that certified level of assurance, we could not confidently guarantee continuous interbank connections to our customers.” Further, Housseini and his staff find Ingres to be a high-end, robust database that features “solid” tools and “perfect” installation and documentation.

### Results

The first version of the middleware known as “IGTplus” has been in use since 2003, with a third-generation product due out in 2010. Available as an in-house solution as well as through an outsourced BBP ServiceBureau solution, the mission-critical application is used by leading financial institutions throughout Europe and other locations, including the United States, to:

- Access all interbank applications
- Simplify and streamline corporate payments
- Reduce TCO
- Increase security and control

Thanks in part to the integrated Ingres/JBoss stack, BBP has been awarded the “Provider of SWIFT Accredited Services” in recognition of its experience with SWIFT connections as well as its full compliance with financial criteria agreed upon by Switzerland, Austria, and Liechtenstein.

### About Ingres Corporation

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Ingres Corporation is a leading provider of open source database management software and support services. Ingres powers customer success with the flexibility, cost savings, and innovation that are hallmarks of an open source deployment. Ingres supports its customers with a vibrant community and world class support, globally. Based in Redwood City, California, Ingres has major development, sales, and support centers throughout the world, and more than 10,000 customers in the United States and internationally. For more information, visit [www.ingres.com](http://www.ingres.com).

INGRES CORPORATION : 500 ARGUELLO STREET : SUITE 200 : REDWOOD CITY, CALIFORNIA 94063  
PHONE +1.650.587.5500 : FAX +1.650.587.5550 : [www.ingres.com](http://www.ingres.com) : For more information, contact [info@ingres.com](mailto:info@ingres.com)

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