

## SOA INTEGRATION OF ESTABLISHED HOST APPLICATIONS FOR EFFICIENCY AND INVESTMENT PROTECTION

### Challenge

Convert a SAP-based application environment to a Service-Oriented Architecture (SOA) to improve customer service, increase employee productivity, and respond faster to changing market conditions.

### Solution

Software AG's SAP-certified adapter integrates legacy applications such as Volkswagen Financial Services AG's KREDIS and LEASIS loan and leasing management systems with SAP NetWeaver Exchange Infrastructure (SAP® XI).

### Benefits

- Exemplary investment protection
- Reduced administrative and maintenance costs
- Increased productivity
- Higher degree of business flexibility
- Queries from dealers to the central systems are consistently answered in less than one second

VOLKSWAGEN FINANCIAL SERVICES AG

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Daniel Matthies | Integration Team Manager | Volkswagen Financial Services AG

### Ensuring Service Quality and Efficiency

Volkswagen Financial Services AG has been using the integration platform SAP NetWeaver® since early 2002. The global company, headquartered in Braunschweig, Germany, aims at creating global, system-independent automated business processes – based on open standards – where user services take center stage, leading to improved customer satisfaction, higher employee productivity, and increased flexibility.

While these goals may sound ambitious, Volkswagen Financial Services AG found a way to address them with Software AG’s Legacy Integrator for SAP NetWeaver. This innovative solution is the only legacy integration offering with certified adapters for the SAP Exchange Infrastructure (XI) that allow communication to be initiated from both sides, SAP XI and the legacy application. Additionally, it hides the complexities of the legacy environment from end users, making it much easier for them to access the information they need. One of the many ways the company will use the new adapter technology is to link two mainframe applications to SAP Exchange Infrastructure: the KREDIS and LEASIS loan and leasing management applications, one of which is based on the Adabas high performance database and the Natural development environment.

Such a move will benefit on-site customer service. “In the past, manual tasks such as responding promptly to fax queries from car dealers about vehicle financing required a considerable expenditure of time,” Daniel Matthies emphasizes. “From now on, the dealer’s software will immediately supply them with all necessary information from the KREDIS and LEASIS applications – with nearly imperceptible response times of less than one second.” Thus the new IT services model improves customer service as effectively as

it relieves employees at the dealer level and Volkswagen Financial Services AG’s headquarters of time-consuming routine tasks.

### Reducing costs and complexity

The webMethods Application Modernization technology is providing an immediate pay off from an IT perspective: “This SAP-certified adapter by Software AG is the key to developing fully operational interfaces very rapidly,” reports Matthies, who explicitly praises the technology supplier’s services, “Software AG’s consultants have once again confirmed the extremely positive impression that they made on us in past projects. Extraordinary technical expertise is coupled with the commitment to implement all requests immediately. These solution skills should serve as an example to the industry.”

Volkswagen Financial Services AG is now gradually converting all of its host systems’ current point-to-point interfaces to a centrally integrated interface via webMethods Application Modernization adapters and SAP Exchange Infrastructure. Software AG’s solution works with all relevant technologies – such as Natural, but also, for instance, COBOL and TP monitors like CICS – regardless of the hardware platform. The greatest benefits from linking dealer systems, the SAP environment, and mainframe applications, however, will become obvious once the implementation is completed, expects the executive team.

In the long run, converting from an unwieldy multitude of proprietary individual connections to a manageable hub and spoke architecture with standardized integration paths considerably reduces complexity, as well as administrative, monitoring, and maintenance costs. And it allows combining all integration expertise efficiently. “Legacy Integrator is a strategic tool for us to

ensure – at minimal costs today as well as in the future – that mainframe systems will continue to provide value, even if they are embedded in a new system architecture,” Matthies asserts. In addition, he emphasizes the new technical potential and the dramatically increased ability to respond quickly to rapidly changing market conditions: “All our host functions can now be modified and migrated at any time.”

### KEY COMPONENTS

#### SAP Legacy Integration

Software AG’s SAP-certified adapter was used to integrate existing host applications with the SAP NetWeaver® XI.

One of the company’s mission-critical mainframe applications is based on Adabas and Natural.

### ABOUT SOFTWARE AG

Software AG is the world’s largest independent provider of Business Infrastructure Software. Our 4,000 global customers achieve business results faster by modernizing, automating and improving their IT systems and processes to rapidly build measurable business value and meet changing business demands. Using our solutions, organizations are able to liberate and govern their data, systems, applications, processes and services -- achieving new levels of business automation and transparency.

Our industry-leading product portfolio includes best-in-class solutions for managing data, developing and modernizing applications, enabling service oriented architecture, and improving business processes. By combining this proven technology with industry expertise and best practices, our customers improve and differentiate their businesses – faster.

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