



PROCESSES ARE THREE TIMES FASTER USING BPM AT ASELSAN

Challenge

Aselsan aimed to be one of the world's first 50 companies in the defense industry. As such, the company had rapidly growing information technology needs and renewed its ERP system with an SAP installation in 2005. In 2009, Aselsan decided to take new steps to improve processes, accelerate circulation processes, shorten decision-making processes and develop processes on an independent platform.

Solution

Aselsan chose the webMethods Business Process Management Suite (BPMS) to optimize business processes. The solution enables Aselsan to digitally track processes and automate back-office applications. Aselsan is now able to monitor and analyze the processes as well as eliminate unnecessary work steps. Besides webMethods BPMS, Business Activity Monitoring (BAM) and the webMethods Enterprise Service Bus (ESB), Aselsan also relies on the ARIS Design Platform to ensure flexibility in SAP applications.

Benefits

- Increased process traceability
- Faster decision-making by eliminating bottlenecks
- Purchase request process cut from 4.5 days to just 1.5 days
- "Green" solution saves 5,000 sheets of paper per process flow every month
- Comprehensive approach enables continuous process improvement



Aselsan is a leading electronics and electronic systems company that designs and builds electronic systems for military and industrial customers. The company manages large-scale system integration projects and develops sophisticated products in: communications; defense systems technologies; radar, electronic warfare and intelligence systems and micro-electronics; guidance; and electro-optics. Established in 1975 to meet the communications electronics requirements of the Turkish Armed Forces, Aselsan today is one of Turkey's fastest growing companies. It employs more than 3,500 and has one of the country's largest SAP installations.

Get There Faster.™

“We shortened processing times, obtained traceable processes and a paperless work environment, thanks to Software AG’s Business Process Management Suite. In doing so, we believe we finalized our process improvement infrastructure by achieving integration with our ERP system.”

Fatih Bilgi | Director of Information Technologies | Aselsan

Needed: a comprehensive BPM approach

A leading player in Turkish defense industry, Aselsan wanted to accelerate process cycles, make decisions faster as well as develop processes on an independent platform. Lack of automated processes was troublesome. For example, the company had various business processes not included in the current ERP system based on SAP.

So, right after the ERP system matured, Aselsan began searching for a solution to effectively manage business processes. At the same time, due to its sense of rule and quality systems, the company focused on process analysis and improvement goals and, beyond a simple workflow, decided it needed a comprehensive BPM approach. Aselsan required a tool that could flow inside or outside the ERP SAP system, start in one platform and proceed within another.

Another goal was to reduce paper usage to comply with the institutional environmental policies.

Answer: webMethods BPMS

After substantial detailed assessments, live demos and workshops, Aselsan opted for webMethods BPMS from Software AG. Analyst assessments influenced Aselsan’s choice. Gartner’s Magic Quadrant depicts the relative strengths of the top 22 vendors offering multi-regional, cross-industry BPM suites, and Software AG was positioned in the Leaders Quadrant of the Magic Quadrant for Business Process Management Suites. Aselsan also needed a BPMS solution that would work with its existing systems.

Software AG team assisted Aselsan’s technical team with process modeling and implementation. By working with Software AG, Aselsan was able to obtain a platform to convert traditional processes into an automated environment, thus increasing process traceability.

In the project’s first stage, all work steps in the company’s purchase request and insurance claim processes were defined, modeled and automated in only six months. webMethods reporting tools and Aselsan’s current business intelligence system enable the creation of instant reports. Aselsan is now able to use Key Performance Indicators (KPIs) to establish an infrastructure for ongoing process improvement.

While putting the first process into use, 400 employees were trained on using the processes in eight different classes. Progress continues. During the next stage, Aselsan will automate its purchase order and material movement form processes.

Processes now three times faster

Today, Aselsan can digitally track business processes, thanks to Software AG’s webMethods BPMS. The company plans to cut out unnecessary work steps by tracking and analyzing processes. Already Aselsan has gained the ability to measure and analyze the processes in order to eliminate bottlenecks and shorten decision-making processes. For example, the purchase request process used to be completed in 4.5 days. Thanks to BPMS platform, it now can be completed in 1.5 days—three times faster.

Aselsan also has significantly reduced paper use. So far, 5,000 pieces of paper have been saved each month by automating just one process flow.

KEY COMPONENTS

webMethods BPMS unites leading BPM and Service-Oriented Architecture (SOA) capabilities to provide a comprehensive set of fully integrated tools for automating and managing processes.

webMethods Optimize for Process is a Business Activity Monitoring (BAM) solution that offers real-time, actionable insight into process activity.

webMethods ESB is a standards-based integration platform—it “speaks” any technology so virtually any system can communicate efficiently in an SOA.

ARIS Design Platform is ideal for distributed modeling, simulation, optimization and publishing of business processes as well as managing IT architectures.

ABOUT SOFTWARE AG

Software AG is the global leader in Business Process Excellence. Our 40 years of innovation include the invention of the first high-performance transactional database, Adabas; the first business process analysis platform, ARIS; and the first B2B server and SOA-based integration platform, webMethods.

We offer our customers end-to-end Business Process Management (BPM) solutions delivering low Total-Cost-of-Ownership and high ease of use. Our industry-leading brands, ARIS, webMethods, Adabas, Natural, CentraSite and IDS Scheer Consulting, represent a unique portfolio encompassing: process strategy, design, integration and control; SOA-based integration and data management; process-driven SAP implementation; and strategic process consulting and services.

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