SAM Enterprise Identity Manager
The Next IAM Generation

- New, rich, full-featured business process workflow capabilities
- Multi-level segregation of duties management and reporting
- Easy-to-use and secure self-service for password management
The better the existing business processes and organizational workflows are mapped in the IAM, the better your company will benefit from the solution. The latest version of SAM Enterprise Identity Manager enables companies to establish automated lifecycle management of IT user roles, identities and access rights and align them with their organizational requirements.

When using business process workflows, SAM enables you to optimize approval processes in an easy and transparent manner, enforce deputy rules and, at the same time, significantly improve user performance. Also, the user helpdesk task load is greatly reduced, resulting in substantial cost savings.

The software offers extensive control options for managing conflicts arising within and among security-relevant business processes. It significantly reduces the cost of access management and setting up mutually exclusive access rights to meet confidentiality requirements.

Further enhancing the role lifecycle process, SAM Next Generation makes it possible for the first time to define segregation of duties for roles.

**Platform Independent**

The next generation of SAM Enterprise Identity Manager can be run across all major platforms and databases. It doesn’t make any difference whether you work with Oracle, SQL Server or DB2 – SAM supports all of them.

You can operate SAM separately or simultaneously on Windows, Unix and/or mainframe-based data centers. Our sophisticated and proven connector technology makes it easy to integrate any application into a comprehensive security administration architecture for your organization.
Web-Based Workflows for Access Rights Requests
Another highlight is the new integrated business process workflow. These are user-oriented request workflows designed for easy and intuitive handling. A Web interface is used to control the request workflows for automatically assigning user rights. The software you’ll receive from us provides you with a simple and cost-effective means of capturing and mapping your workflows. The workflows are continuously monitored and can be flexibly aligned with organizational changes at any time.

Ergonomic Navigation Using Sidetab Technology
Ergonomic navigation using cutting-edge Sidetab technology allows users to handle SAM Business Process Workflow intuitively and with ease. Company-specific business processes are processed in a customized role-based access rights administration.

Your workflows can be captured, mapped, processed, monitored and aligned with future business needs. The Business Process Workflow incorporates technology that facilitates the implementation of interfaces for all workflow systems, databases as well as import and export functions.

The unique architecture ensures excellent lifecycle adjustment of your individual workflows as well as a high return on investment (ROI).
The better existing business processes and organizational processes are mapped in the IAM, the bigger the success and benefits of an IAM solution for your company. The new SAM product generation addresses these requirements more than ever before.

As Gartner Analyst Group confirms, SAM is the first IAM solution on the market that supported role-based rights assignment. These access roles form the interface between the actual business, business processes, and IT.

Today, SAM controls the entire business-oriented role lifecycle.

Next generation SAM supports the entire role lifecycle, from unlimited role hierarchies, dynamic roles and segregation of duties through to role mining—in short: the bundling of access rights into user roles.

SAM offers insight into existing access roles and requested roles in a highly transparent manner.

The integrated SAM Rolmine analyzes and optimizes the foundation for business-oriented role lifecycle management.

In concrete terms, SAM Rolmine links the existing organizational user information with required technical access information.

SAM Rolmine is then used to create dynamic and static roles from the large number of individually assigned access rights and make these roles available for automated access rights assignment.

Many customers achieve an automation rate exceeding 90% in their role-based access rights administration.

Automated Lifecycle Management

SAM enables companies to establish automated lifecycle management of IT user roles, identities and access rights and align them with their organizational requirements, no matter which platform is used to manage access rights across all applications. SAM is compatible with a wide range of platforms and databases: z/OS, UNIX and Windows, as well as DB2, Oracle and MS SQL Server.
“SAM was one of the first IAM products to incorporate basic role lifecycle-management into a product’s provisioning process.”

Gartner Analyst Group
The segregation of duties and thus spheres of responsibility within an organization is of critical importance. One example is the dual control principle applied by banks.

Without such a function, rising numbers of user IDs – for instance as the result of mergers & acquisitions or reorganization measures – would massively increase the administrative effort of assigning user rights to limit access. Another aspect is the targeted prevention of conflicts arising in the business processes.

Role-based access control guarantees that no mutually exclusive access rights are assigned to the same user. With our solution, this measure, called “Segregation of Duties” (SoD), is performed automatically for applications.

As a novel feature, SAM Next Generation makes it possible to define segregation of duties for roles.

This makes SAM one of the first solutions on the market that support SoD for role-based access rights.

SAM has been ensuring the vital and close alignment of organizational and technical access data for many years.
“50% of Europe’s largest banks secure their business processes with solutions from Beta Systems.”

Extensive Self-Service Functions for End Users

Today, many employees, business partners and suppliers of companies are not offered the flexibility to post access requests over the Web, which would speed up the process of getting the right to access the required business information.

Beta Systems’ SAM Enterprise Identity Manager offers a broad selection of self-service functions for end users, allowing them to quickly submit applications over the Web and monitor the approval process in a safe and secure manner.

Password Reset
Forgotten passwords also no longer pose a problem as users are empowered to reset them on their own over the Web. This results in considerable cost savings to user administration and helpdesk operations, while at the same time improving user satisfaction.

An integrated, fully web-based workflow process running in the background quickly transforms access rights requests into granted access and also takes care of documenting all access rights to critical business data on the IT level.

Web Services – Administration Processes from within Applications and Portals
SAM Next Generation offers numerous new web-based, service-oriented user interfaces.

As an additional innovation, it is now possible to use standard Web service technologies to initiate SAM administration processes from within applications and portals. This includes both reporting as well as the resulting flexible and fast administration of user and access data.

Fully Java-based Components – Java 6 Support
SAM offers Web Service Description Language (WSDL)-compliant Web services. External applications can use the SOAP protocol to call up data. It is also possible to create, modify and delete business objects in SAM.

SOAP is a lightweight network protocol for exchanging XML-based messages.
The powerful Provisioning Engine automatically matches user information from HR systems, corporate directories and organizational databases with the corresponding access rights in the integrated target systems. This facilitates rule-based security provisioning for cost-efficient and secure automation of administrative processes.

Multiple Input Files for the Provisioning Engine
SAM Next Generation can process data from various sources for the Provisioning Engine. These data records can originate from different databases with individual settings for the SAM Provisioning Engine. The user data, for example, comes from numerous companies/departments or represents user data for different areas of responsibility. Another application scenario could be the separation of internal and external users.

This makes it possible to manage records from different business units and clients in separate source systems and then process the data according to the individual needs in a SAM Enterprise Identity Manager installation.

The multi-client capability enables the processing of multiple input files, making the Provisioning Engine extremely flexible as regards the integration of external systems. This greatly facilitates the implementation of customer-specific IAM solutions.

Companies managing very large numbers of users particularly benefit from this flexibility as it offers a vast potential for lowering the cost of access rights administration.
The SAM Enterprise Identity Manager of the next generation supports the latest version of all standard target systems such as SAP, Lotus Notes, Microsoft or RACF. These interfaces are full, robust off-the-shelf interfaces for each target and thus does NOT require any scripting to implement.

Previous SAM versions are updated in this respect to the level of support offered by SAM Next Generation.

A selection of supported target systems:

- IBM AIX
- IBM DB2
- CA ACF2
- CA Top Secret
- HP-UX
- IBM Lotus Domino
- MS Exchange
- MS Windows Active Directory
- Oracle
- IBM AS/400
- IBM RACF
- LDAP
- SAP R/3
- Sun Solaris
- Tivoli Access Manager
- Global installation base covering over 5,000,000 user IDs
- Integration of more than 400 affiliated companies in a single project
- Administration of 250,000 access rights for 65,000 users with 1,500 defined access roles

Project Structure and Organization

We have assisted our customers in successfully managing, organizing and planning projects for a broad range of installations. Our employees are highly qualified technology experts who also have a comprehensive understanding of our customers’ business processes.

This trust rests on our many years’ of project experience. Our employees have been with us for a long time and know exactly what to look out for to create the solution that meets your company’s needs to the dot.

We are highly familiar with the IT issues that companies have to deal with when introducing Identity Access Management; especially in the context of tailoring the solution to their individual organizational and industry-specific requirements. Our long and close cooperation with a large and highly active user group community allows us to develop and implement our IAM solutions and projects in accordance with our customers’ specific needs.

Our customers have been appreciating this for many years, and independent analysts have equally recognized our superior project competence.
It’s no secret that many factors determine the success of an Identity Access Management solution. Based on our extensive experience, we are aware of just how true this is since we know that technology plays an important part in installing an IAM software solution, but other aspects are even more critical.

In fact, the success of the project depends decisively on the close and coordinated cooperation of IT and your company organization.

The better existing business processes and organizational processes are mapped in the IAM, the bigger the success and benefits of the solution for your company.

Our Professional Services has been extending its store of experience over many years and can thus draw on consulting expertise that enables our teams to build a bridge between IT and a company’s business.

Beta Systems provides you with a Single Point of Contact and Responsibility for all your software, implementation, customization and support needs.

“7 of Europe’s 10 largest insurance groups employ solutions from Beta Systems.”
SAM – the Next IAM Generation
Building the bridge between Business and IT

- SAM integrates into your business environment easily
  - Uses standardized web services
  - Plugs into the existing portal.
  - Provides full web-based business oriented workflow
- SAM fully integrates built-in role life-cycle management
- Easy to implement and maintain
- Provides lowest cost of ownership

Beta Systems is a leading software provider of IT user management, data center management, compliance and document management solutions

50% of Europe’s largest banks secure their business processes with solutions from Beta Systems

We develop high-quality software products and solutions for the automated processing of large volumes of data and documents. The products and solutions serve to optimize processes, improve security and boost the agility of your IT.

Our solutions help you to meet business requirements related to governance, risk management and compliance (GRC) and make your corporate IT more powerful in terms of availability, scalability and flexibility.

7 of Europe’s 10 largest insurance groups employ solutions from Beta Systems

An ever increasing number of major insurance companies rely on solutions from Beta Systems to manage their IT infrastructures. There are numerous company-wide installations that have been in use for many years.

Beta Systems has more than 25 years’ experience and over 1,400 customer across the globe.

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