

Overview – What Is SAMS?

The Software Asset Management System (SAMS) provides an automated, self-managing system for software owners. SAMS provides answers to questions such as: what do we have licenses for, who is using them, how much does it cost, are we in compliance with license terms, and are we purchasing the same software over and over. SAMS provides notification when attributes of the license change or action is needed. SAMS is a system designed to manage software and treat it as an asset. Management of software assets requires:

- knowledge of the number of licenses you own and can apply
- knowledge of annual maintenance or software assurance costs
- knowledge of how/where the software assets are in use in the enterprise
- the ability to automatically reapply and recover these assets across the enterprise
 - when machines go to reapplication
 - when people are transitioned/inactivated

When fully mature, SAMS will provide an internal, web-based store for software acquisition and installation. There will be no easier way to acquire software and manage it as a corporate asset through its complete lifecycle. SAMS will also provide real time automated license assurance and compliance which will reduce legal risks and provide for automated auditing and removal of invalid licenses.

Current Capability

- SAMS is integrated into and leverages NWIS and NWIS infrastructure items (people, machines, servers, organizations, vendors, network functions)
- Software licenses and related information which can be tracked:
 - Who owns the license (enterprise, individual, organization, or project)
 - Where does the license reside (client or server, named or concurrent)
 - How it is licensed (person or machine)
 - How many licensed seats and how many available seats
 - Are there secondary use rights; how many primary/secondary installations
 - When was the license acquired and when does it expire (where applicable)
 - What servers, machines, and/or people are using the license
- Automated email notifications to license administrator/point of contact:
 - License and/or maintenance is expiring in the next 90 days
 - Billing date in the next 90 days
 - Inactive people and/or machines consuming a license seat
- Automated billing and recovery for license seats
 - Bill it Now when license is first “sold”
 - Automated billing on specified cycle (every 6 months, every 12 months, etc.)
 - End user update of project/task or license surrender
 - Transactions submitted to Oracle and recovered to the appropriate service center

Benefit Summary

- SAMS provides the capability to track software licenses, the costs associated with those licenses, and the people and/or machines using seats under the licenses.
- SAMS' integration with NWIS allows for management of the software license through its lifecycle. As machines are removed from the Sandia population, software licenses associated with that machine can be recovered. Similarly, as people transition from one organization and role to another, their software needs will change. SAMS allows for recovery and reapplication of licenses to the machines and individuals who currently need the software.
- Various budget activities regarding software can be easily managed using SAMS.
 - The initial acquisition cost of the software license can be recorded, as well as future amounts which will be charged for license seats and/or maintenance. These amounts can also be billed to the individual users (machines or people) of the license seats. SAMS automated billing process handles email notification to the individual license seat holders, allowing the individual to provide the project and task numbers to be charged or return the license. Billing transactions are then submitted to Oracle and recovered to the appropriate service center.
 - The combination of cost information and expiration dates allows managers and financial personnel to better understand their software license costs and the timing of payment for these costs.
- SAMS provides a centralized repository for software license information, eliminating the need for manual spreadsheets or local databases which list products and associated users.
- SAMS provides real time information regarding the number of seats, seats in use, and available seats for each software license. This eliminates the need for manual inventory/true-up.
- Future capability of SAMS will include additional integration with enterprise tools and technologies, such as license servers which host software and inventory tools.

Contact Information

- The Guide for SAMS Administrators can be accessed in Web FileShare by querying for the Content ID WFS511179.
- Ramona Gallegos, Programmer/Analyst, Org. 09342, rkgalle@sandia.gov, 284-8866.