License Management

What your ERP vendor does not want you to know about license usage

AT A GLANCE

Simple, Insightful, and Powerful

Security Weaver's License Management module delivers role-based license management that allows your organization to optimize the value of SAP and other complex licenses -- and in some cases dramatically lower SAP license and support costs. Security Weaver provides clear visibility into role-based end user license costs while taking into account different license types, different contract terms, and pertinent cost models.

Management and administrators can then make informed decisions and communicate the underlying reasons behind those decisions to all stakeholders. With License Management, IT chargeback models become more accurate and IT spends less time preparing reports and ensuring roles are both cost-effective, well designed, and compliant.

KEY BENEFITS

Improve compliance and stop wasting money on what you don't use or need

Better business decisions: Instead of IT justifying license allocations, business managers can see cost implications in real-time when placing user access requests. Furthermore, because License Management makes IT chargeback and billing more accurate, it means managers can better forecast and manage user related costs.

Stronger negotiating positions when renewing support agreements: The more procurement understands their ERP user license allocations, the more effective they will be at negotiating the right support levels for a fair price and avoiding having to buy additional licenses.

Improved security: Based on advanced analytics, Security Weaver's License Management accurately matches the appropriate license to each user's actual needs, identifies what users no longer need licenses or access at all, and automates the reallocation of licenses or the removal of inactive users.

More efficient license management processes: Through automation Security Weaver continuously optimizes license management without requiring scarce IT staff to continuously spend their time and attention on administrative tasks not related to the core operations of their enterprise.

Clear, timely, and actionable reports: Managers receive concise information in plain business language, so they know when to take action, what specific actions to take. Furthermore, executives and directors receive insights into how well they are improving the efficiency of their software investments.

Faster compliance verification: License Management identifies compliance issues automatically and can predict compliance gaps, thus enabling continuous compliance across the enterprise. Verified reports reduce costs and staff distractions when preparing for SAP license audits.

Contract consolidation: License Management not only looks across all SAP instances, but also across all procurement contracts. This allows organizations to move off of unfavorable contracts while maximizing the use of the most favorable contracts. Addressing wide variations in contract terms across an enterprise, License Management simplifies contract management, eliminates tedious tasks, and enables substantial long-term savings.

Increased growth: Costs escalate as organizations grow. Increasing costs can limit the amount of budget available to exploit market opportunities. Optimal license allocation can mean more money is available for driving growth.

Increased adoption: While many see the value of a common ERP platform or the value of new modules, adding users is costly. Allocating licenses optimally can drive broad user adoption at low or no incremental license costs.

Dramatically lower licensing and support costs: With improved ERP license management, not only are the ERP license costs lowered, but because third party software is often licensed based on the number and type of ERP users, License Management can lower those secondary license cost as well.

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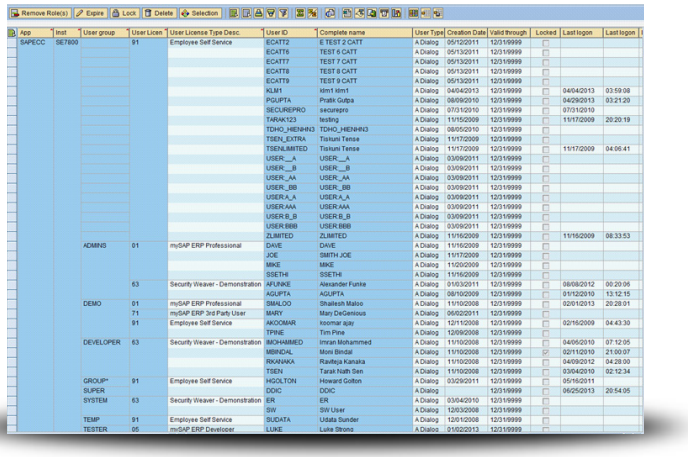
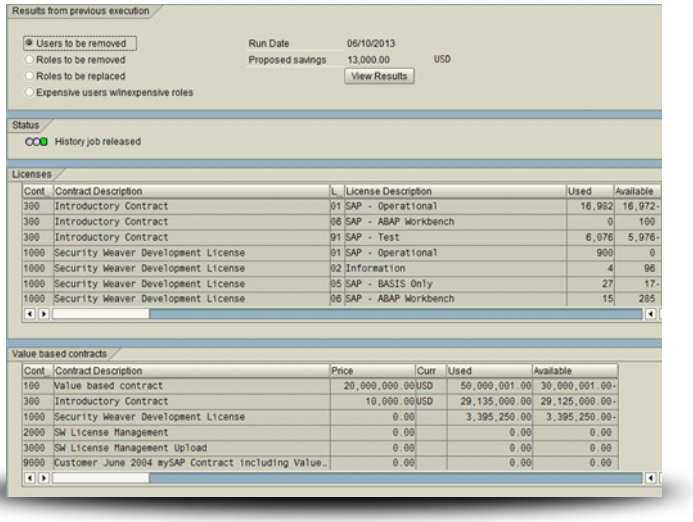


License Management shows license consumption based on applications, user groups, and automates locking and unlocking users.



License Management reports on license consumption in terms of purchased license inventory and current contracts.

ARCHITECTURE, KEY FEATURES, AND COMPONENTS

Architected to address both Security and Compliance requirements: Unlike competing solutions, Security Weaver's License Management is architected to improve both security and license compliance. It has an open API that enables integration with complementary solutions like automated compliant user provisioning, emergency access, and Identity Management (IDM).

Native SAP architecture: Security Weaver's License Management is written in ABAP, installs quickly as an SAP transport, scales across the most complex environments, and requires no additional software or hardware. Furthermore, all report results can be cached for easy and fast reporting.

Real-time data architecture: Because it resides within SAP, License Management uses real-time production data and does not require scheduling, extracting, transforming, or loading data. This design improves reporting accuracy and enhances analytical capacity because the underlying data is never out-of-date, can span the entire breadth of the SAP environment, and requires no additional quality controls beyond those already used in production to ensure data integrity.

Historical Analysis Engine: Security Weaver's historical analysis engine goes beyond simply analyzing roles; it looks at user T-Code execution data. Detailed user data is captured, compressed, and stored in Security Weaver's tables so analysis can be done over a much longer horizon, more rapidly, and with less storage resources than data captured through SAP trace functionality or stored in standard SAP tables.

Role Recommendation Reports: Based on the SAP transaction codes (T-codes) users are exercising, how those T-codes are allocated across roles, and how roles are mapped to different license types, License Management provides fact-based recommendations on what roles should be removed due to lack of use and what relatively expensive roles could be replaced by similar but less expensive options. Because the data-driven recommendations are based on user transaction data, the substitutions do not impact the user's activities and are transparent to the user.

Automated Role Re-allocations: License Management report proposes more effective role assignments for users by analyzing users' roles and its usage, while looking for better, less expensive role assignments. It can then automatically re-assign roles to users based on the user's actual needs.

NxN Management Schema and Data Model: Security Weaver's License Management's data model can manage

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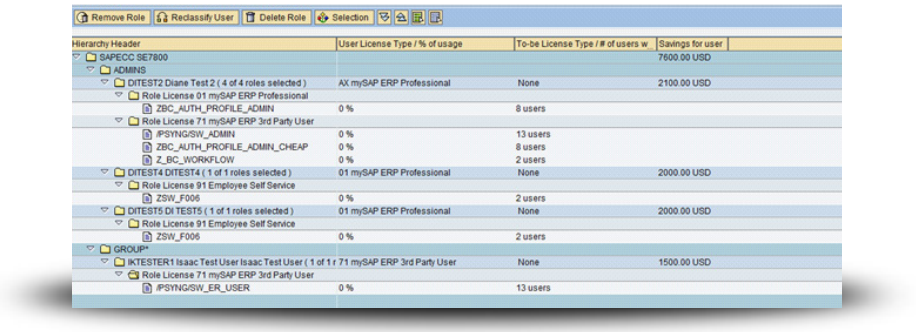
multiple contract attributes across both external and internal costs. It is able to manage multiple applications and application instances, as well as various contracts association with different licenses, a wide array of audited products, and any role design regardless of the number or variety of ERP users.

User Activity Analyses: Identifying users that have been over-provisioned and have more license rights than they need is immediately visible because License Management reports what T-Codes each user exercised over whatever period of time the organization's policy prescribes. Roles and licenses can then be revoked if there is no activity or replaced if the usage pattern could be accommodated by different roles associated with less expensive licenses.

Threshold Analyses: Because ERP access controls are both flexible and complex, simple binary tests are not sufficient to properly manage role-based licenses. Consequently, Security Weaver's License Management uses easy to customize threshold analytics. SAP administrators can understand and rank users and roles based on various thresholds. For example, in addition to knowing if a user has been exercising an assigned role or not, License Management can rank users based on how often they use a role. This capability along with the ability to identify roles with overlapping sets of T-Codes, enable administrators to identify areas where role assignment changes or changes to the T-codes within a role could save significant amounts of money without affecting a users activities.



License Management shows historic usage of roles and expected savings from changing unused roles.

Investment Returns Analyses: The License Management module also calculates the cost savings if roles are changed for a user or the cost savings if T-Codes were changed in a role. Furthermore, a concise dashboard provides an easy overview of any proposed savings. This enables SAP administrators to demonstrate the value of license management to their executives and end users.

IT Chargeback / Showback Reporting: When the organization has deployed a centralized IT ownership where costs are charged back to the business organization, License Management enables license cost transparency. It both shows the current cost per each user being charged by SAP as well as the fully loaded internal cost IT uses in chargeback billing or showback reporting.

Automated User Locking and Removal: This report finds SAP users that have not fully utilized their respective user account, either because they have not logged into the system at all or their SAP T-Code usage falls below a certain threshold (percentage or absolute number of transactions). As a subsequent action the report can automatically lock/expire the user or remove its authorizations.

Contract Compliance: Based on the contract master data maintained by Security Weaver's License Management software, and the actual user data in the SAP system, managers can understand license utilization rates, the associated costs, and are automatically alerted when license consumption reaches a defined threshold for a contract. Managers

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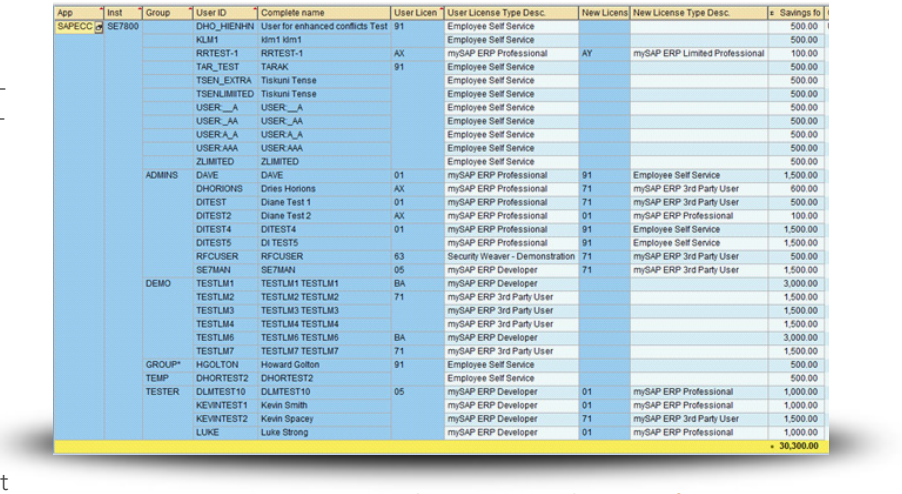
gain time to react, renegotiate license terms, and rebalance license allocations.

Triangulation with Standard SAP Transactions: License Management ensures reporting accuracy, efficiency, and data integrity by integrating with standard SAP transactions such as SLAW and USMM. Using standard SAP LICENSE_ATTRIBUTES, roles are mapped to license types and administrators can identify any roles and users not synchronized with the local system with through transaction USMM or SU01.

Automated User License Assignment: Security Weaver's License Management can automatically assign or re-assign users to different licenses through SU01 allowing for immediate improvement of license allocations.

Simulation Analysis: License Management can provide ability for "What if" analysis to assess cost impact if new processes, new deployments of functionality or new regions are added.

Embedded Transaction Archive Capabilities: License Management is built on top of the SW Transaction Archive (TA) module. TA meets the needs of SAP customers who want detailed insight into user activities for an extended period of time.



App	Inst	Group	User ID	Complete name	User Licen	User License Type Desc.	New Licens	New License Type Desc.	Savings fo
SAPECC	SE7800		DHO_HIENHN	User for enhanced conflicts Test	91	Employee Self Service			500.00
			KLM1	klm1 klm1		Employee Self Service			500.00
			RRTEST-1	RRTEST-1	AX	mySAP ERP Professional	AY	mySAP ERP Limited Professional	100.00
			TAR_TEST	TARAK	91	Employee Self Service			500.00
			TSEN_EXTRA	Tiskuni Tense		Employee Self Service			500.00
			TSENLIMITED	Tiskuni Tense		Employee Self Service			500.00
			USER__A	USER__A		Employee Self Service			500.00
			USER_AA	USER_AA		Employee Self Service			500.00
			USER:A_A	USER:A_A		Employee Self Service			500.00
			USER:AAA	USER:AAA		Employee Self Service			500.00
			ZLIMITED	ZLIMITED		Employee Self Service			500.00
		ADMINS	DAVE	DAVE	01	mySAP ERP Professional	91	Employee Self Service	1,500.00
			DHORIONS	Dries Horions	AX	mySAP ERP Professional	71	mySAP ERP 3rd Party User	600.00
			DITEST	Diane Test 1	01	mySAP ERP Professional	71	mySAP ERP 3rd Party User	500.00
			DITEST2	Diane Test 2	AX	mySAP ERP Professional	01	mySAP ERP Professional	100.00
			DITEST4	DITEST4	01	mySAP ERP Professional	91	Employee Self Service	1,500.00
			DITEST5	DI TEST5		mySAP ERP Professional	91	Employee Self Service	1,500.00
			RFCUSER	RFCUSER	63	Security Weaver - Demonstration	71	mySAP ERP 3rd Party User	500.00
			SE7MAN	SE7MAN	05	mySAP ERP Developer	71	mySAP ERP 3rd Party User	1,500.00
		DEMO	TESTLM1	TESTLM1 TESTLM1	BA	mySAP ERP Developer			3,000.00
			TESTLM2	TESTLM2 TESTLM2	71	mySAP ERP 3rd Party User			1,500.00
			TESTLM3	TESTLM3 TESTLM3		mySAP ERP 3rd Party User			1,500.00
			TESTLM4	TESTLM4 TESTLM4		mySAP ERP 3rd Party User			1,500.00
			TESTLM6	TESTLM6 TESTLM6	BA	mySAP ERP Developer			3,000.00
			TESTLM7	TESTLM7 TESTLM7	71	mySAP ERP 3rd Party User			1,500.00
		GROUP*	HGOLTON	Howard Golton	91	Employee Self Service			500.00
		TEMP	DHORTEST2	DHORTEST2		Employee Self Service			500.00
		TESTER	DLMTEST10	DLMTEST10	05	mySAP ERP Developer	01	mySAP ERP Professional	1,000.00
			KEVINTEST1	Kevin Smith		mySAP ERP Developer	01	mySAP ERP Professional	1,000.00
			KEVINTEST2	Kevin Spacey		mySAP ERP Developer	71	mySAP ERP 3rd Party User	1,500.00
			LUKE	Luke Strong		mySAP ERP Developer	01	mySAP ERP Professional	1,000.00
									30,300.00

License Management shows expected savings if recommended license allocations are made.

Subscription and Perpetual Licenses: License Management is offered both as a traditional perpetual license and as a subscription license. The latter offers enterprises the opportunity to match license related savings with operational expenses and avoid capital expenses traditionally associated with enterprise software.

CUSTOMER SUCCESS ACROSS A WIDE RANGE OF SAP VERSIONS AND CONTRACT TYPES

A large multi-national manufacturing conglomerate was able to save an estimated £2.5 million within a year when it used Security Weaver License Management as part of its license management program.

Security Weaver License Management supports the SAP versions 4.6c to ECC 7. License Management also supports contract types often referred to as user based and value-flex.

SUPPORT AND PROFESSIONAL SERVICES

Security Weaver has been recognized by it's customers for providing exception value through its software support services. For customers requiring implementation or custom development services, Security Weaver also offers professional services directly and through qualified partners.

LEARN MORE

Visit **www.securityweaver.com** to learn more about Security Weaver's License Management today.

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