Effectively administering and efficiently managing a SAP landscape is and still remains a challenge. The automation of a large number of tasks with „streamworks“ makes it an invaluable tool for day-to-day operation.

Some examples of the challenging tasks in SAP administration are timely management of the SAP batch workload, integration of SAP with non-SAP applications, and harmonization of business processes with IT housekeeping processes. But precisely these examples also demonstrate how the automation of tasks related to the SAP landscape results in greater standardization, faster throughput times and optimized utilization of the infrastructure.

Workload Automation solutions such as „streamworks“ take over all company-wide uniform planning, maintenance, control, and monitoring of all automatable IT processes, and thus also the integration of standard application software such as SAP. Streamworks provides an important contribution to the flexibility and competitiveness of a modern, SAP-based enterprise IT.

Benefits

- Timely management of SAP batch workloads
- Integration of SAP and non-SAP applications
- Standardization and acceleration of IT processes
- Harmonization of business and IT operational processes
Synchronized processes

“streamworks” provides SAP users with options for synchronizing batch processes across multiple instances and non-SAP batch processes, comprehensive process monitoring, and automated housekeeping of SAP landscapes. Countless tools and functions for executing highly automated operations facilitate the creation of job chains across all systems.

Varied SAP-Automation

“streamworks” automates many time-consuming routine tasks for SAP basic administration. These include automatic SAP system copies, as well as automated database backups or a self-service portal for user scheduling of batch processes (with or without direct SAP access).

Certified SAP Automation (I)

- Support of mandatory and optional sections of the XBP 2.0 and 3.0 certification catalogs
- Support of mandatory and optional sections of the BW-SCH certification catalog
- Creation, modification, deletion, starting, monitoring of SAP batch jobs and steps
- Creation, modification, copying and deletion of variables
- Setting of dynamic variables, saving by overwriting or as a copy
- Starting of jobs scheduled in SAP
- Management of SAP job classes
- Job implementation with various users
- Specifying of SAP server groups
- Import of factory calendars

Fig.: Self-service portal – Easily create practical user dialogs yourself

Self-service portal for increased user satisfaction

The “streamworks” self-service portal provides the end user with the option to schedule jobs with different dialog connections (HTML5, SAP, “streamworks”) directly in the central workload automation solution. This way the end user immediately learns the next possible start-time window.
Additional status reports on planned and actual job starts are automatically sent via e-mail. The easy-to-configure „streamworks“ rule set operates in the background. It controls time windows, priorities, and the best possible parallelism, and ensures the fastest possible execution of end user jobs with minimal interference with central batch processing. This results in increased satisfaction with fewer costs.

SAP system management with „streamworks“, using “automatic system copy“ as an example

„streamworks“ allows you to automate and optimize the standard SAP process for system copies and synchronize this process with all other SAP batch processes. Key additional functions extend the range of possible uses and, together with the integrated „streamworks“ process logic, result in time savings of well over 90 percent compared to the manual process.

SAP recommends creating a system copy in order to conduct extensive tests on elements such as new programs (reports), interfaces, and processes within a SAP landscape, or if operating systems and/or database releases change. More and more companies rarely make a system copy due to the high cost of manually creating such a copy, and after weighing costs and benefits, perform the tests on old system versions. Unfortunately, this always results in poor data and test quality. It is possible to plan copies of SAP systems with ABAP, Java, and Dual Stack within minutes, either in the „streamworks“ user client or via an additional graphical user interface. All preliminary tasks, cleanup activities, modifications and additional preventative resource checks specified by SAP, as well as optional, configurable user exits on the operating system and SAP levels are automatically processed and logged in steps that can be repeated at a later date. A process for creating a SAP system copy that was automated with „streamworks“ greatly reduces the workload and risk while ensuring consistent process quality and providing the necessary flexibility during day-to-day business by creating copies at the push of a button.

Certified SAP Automation (II)

- Support of parent/child jobs, visibility of child jobs in software
- Triggering of SAP events, consumption of SAP events (SM62), parameters, timing
- Display of the current job log
- Export of message classes and implementation of message numbers in return codes
- Customer self-service for SAP jobs, operation via SAP GUI and/or SAP portal
- Reading of the job interception table via batch job
- Import of batch input maps with selection criteria (new, faulty)
- Execution of direct input mapping
“streamworks” -
Workload Automation from arvato Systems

STANDARDIZED | EFFICIENT | RELIABLE

The „streamworks” planning and process design functions are ideal for connecting individual IT steps into an efficient, standardized, automated IT operation. Individual steps are linked to process chains, and time-based and logical sequences are mapped. This ensures activities that disrupt each other do not run in parallel, in order to guarantee maximum reliability.

AUTOMATED | CENTRAL | COMPANY-WIDE

More than 70 percent of the steps in IT-based business and operational processes can be automatically carried out by „streamworks“. Periodic and/or routine activities are managed from a single point of control across all platform and application boundaries within the company. Process runtimes and timing are optimized and the synchronization of business and IT operational processes is guaranteed.

TRANSPARENT | FLEXIBLE | TRACEABLE

If processes are recorded initially, „streamworks“ provides optimal support in daily adjustments or larger change requests. Little manual time and effort is required for small and large changes and it is always possible to find out who made which changes when. Maximum flexibility for thorough logging supports IT operations and reduces the workload in equal measure.

PRECISE | SECURE | AUDIT-COMPLIANT

„streamworks“ monitors the planned, error-free execution of processes as well as the availability of individual software components (communication channels, database, and so on). Audit-compliant logging of all activities and collection of extensive process data can be visualized and used for analyses and continuous process optimization.

You have questions, need information or a contact?
Get in touch with us.

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