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THEGUARD!
SMARTCHANGE

TRANSPORT
MANAGEMENT

CENTRALLY CONTROLLING AND SECURING ABAP AND NON-ABAP TRANSPORTS

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Given their vital importance to the economic success of many companies, SAP systems often not only need to be available around the clock, but also continuously maintained and updated. This puts many companies in the challenging position of having to stretch their limited resources to adapt their increasingly complex SAP systems to new and changing requirements and to do so at a staggering pace. The key is to implement an easy, fast, and risk-free way to transfer any related SAP transports from the development systems to the target systems. The more complex the existing SAP system landscape and the more numerous and extensive the necessary changes, the more important it becomes to rely on IT solutions to enable these changes

OUR SOLUTION

The Transport Management module in theGuard! SmartChange allows companies to transport any changes, for example to development objects in the ABAP Workbench or in Customizing, to the corresponding target systems without jeopardizing the availability of SAP applications.

Customizable and automated workflows and processes:
The distribution of the transports is automated and synchronized based on predetermined target paths and taking into account any release and approval workflows, regardless of how complex and dynamic the SAP environment is.

Centralized transport management:
Users get a single pane of glass to monitor their transport processes and approve transports.

Extensive reporting:
theGuard! SmartChange comes integrated with a reporting environment with comprehensive configuration and drill-down capabilities that delivers reports down to the object level (e.g. the top 10 changed objects).

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Automated documentation:

Changes are automatically documented to provide complete audit trails and can be tracked at all times.

Built-in quality assurance:

With its comprehensive automated checks (see figure), theGuard! SmartChange is able to avoid common risks to productive SAP systems. Collision checks are in place to indicate any overlapping objects in different transport request that pose the risk of overtakers. Transports can also be checked for pre-determined critical objects or dependencies. Transports can be checked for completeness before importing them into the target system to ensure that any objects required for the change are present in the transport request or in the target system. This, for example, helps avoid errors and downtime in production systems that result from missing objects or wrong object versions. In addition, a Code Profiling module is available to check ABAP code in transport objects for potential vulnerabilities and other flaws.

CRITICAL OBJECTS/ASPECTS	Application data, number ranges, structure changes to long tables, frequently used objects
COLLISIONS/OVERTAKERS	Multiple transports that contain the same or overlapping objects, conflicts in Customizing
OBJECT DEPENDENCIES	Logical object dependencies within an SAP landscape
TRANSPORT COMPLETENESS	Technical object dependencies within an SAP landscape
CODE DEFICIENCIES	Reliable code, performance, compliance, robustness

YOUR ADVANTAGES AT A GLANCE

The Transport Management module in theGuard! SmartChange lets companies significantly improve the efficiency, security, and quality of their SAP change and transport management, while giving them complete transparency and audit trails.

Its automated workflows and processes, built-in checks, and comprehensive monitoring and reporting capabilities significantly reduce the time, money, and risk involved in the change process.

It eliminates potentially dangerous transports, e.g. any transports that contain overtakers, helping avoid system failures and the need for follow-up work. With pre-built workflows and processes securely in place, IT teams have to spend less time coordinating their efforts and checking for potential problems. At the same time, it helps them meet compliance requirements. And its high level of automation, for example when it comes to automating the distribution or the import of transports, reduces the need for time-consuming manual work.

The solution can be up and running within a matter of days. It is simple to configure and scales easily.

	– Time spent	– Cost	– Risks
+ Efficiency	Maximum automation		
+ Security and quality	Built-in quality assurance		
+ Complete transparency and audit trails	Comprehensive monitoring and reporting and automated documentation		

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"THE REALTECH SOLUTION FOR AUTOMATED TRANSPORT MANAGEMENT HAS STOOD THE TEST OF DAY-TO-DAY SAP BASIS ADMINISTRATION. IT MAKES LIFE SO MUCH EASIER FOR US. SINCE ITS INTRODUCTION, THE MANUAL EFFORT INVOLVED IN DISTRIBUTING SOFTWARE HAS DROPPED ... TO NEAR ZERO. AT THE SAME TIME, WE HAVE BEEN ABLE TO MINIMIZE THE RISK OF SYSTEM FAILURES CAUSED BY UNCHECKED SAP TRANSPORTS.
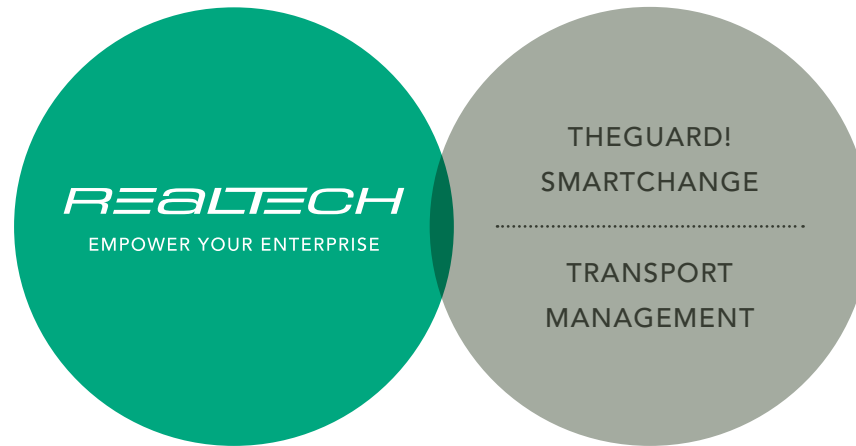
Jürgen Wagner, SAP administrator, MAN Nutzfahrzeuge AG

System Requirements
Installation: The Transport Management module is an ABAP/4 only development that exists in its own namespace. Its installation is as easy as importing several SAP transport requests into the systems involved.
SAP release: SAP Basis release 7.0 or later.
Security concept: Utilization of a proprietary SAP authorization object.

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ABOUT REALTECH

REALTECH is an international technology company with unique know-how in IT and enterprise service management and SAP solutions. Germany's medium-sized enterprises in particular value the high quality of products and services provided by REALTECH. They trust it to meet their needs, from consulting services to implementation and efficient operation. The driving forces of digitization, whether it is mobile and cloud computing, big data and smart data, or predictive data analytics and Industry 4.0, are built into the very fabric of the company's software development and project delivery.