

Zero-Touch SAP Kernel Upgrades

At A Glance

SAP systems are usually at the heart of the enterprise, running and supporting business processes. Keeping these SAP systems up-to-date by applying patch sets is very important, as it enables organizations to fulfill security and support guidelines and restrictions, as well as benefit from new features. Usually SAP Kernel Upgrades are coordinated and planned involving SAP Basis experts and application owners long time before causing manual and error-prone work. Furthermore, the Kernel upgrade activities are performed manually on weekends or late night.

KEY BENEFITS

- Reduction of effort and duration by up to 90 percent
- Visibility and transparency of SAP Kernel version patch level across all SAP systems and environments
- Quick and easy onboarding of new SAP systems
- Streamlined SAP Kernel sync across instances
- Execution of SAP Kernel upgrades overnight without manual intervention, allowing automated roll-back in case of any errors
- Possibility to introduce staging and version control of SAP Kernel and patch versions
- Increased test cycles for SAP Kernels

KEY FEATURES

- Fast, reliable and compliant execution of SAP patching processes
- Supports standalone as well as distributed (high availability) architectures
- Zero downtime possibility using Rolling Kernel Switch
- Integrated tests and checks using certified SAP agent

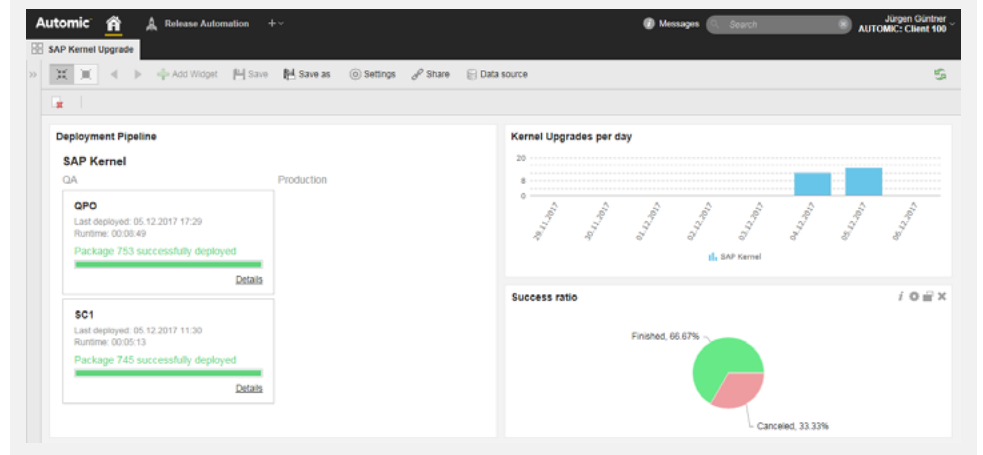
Business Challenges

- Delays and downtimes caused by upgrade errors frustrate internal customers
- Manual work is error-prone
- Resources wasted on non-innovative and repetitive tasks
- Key experts work late nights and on weekends
- Increased complexity due to heterogeneous system architecture
- No central information on current Kernel Patch Set
- No possibility to mass rollout Kernel or Patch Set to system landscape

Solution Overview

CA's Zero-Touch SAP Kernel Upgrades allows enterprises to add agility to their SAP systems. It enhances the stability and reliability for system upgrades in order to stay secure and up to date with current Kernel versions and patch sets. Regardless of the system architecture of an SAP system—be it standalone or high availability systems with multiple SAP application servers—CA's Zero Touch SAP Kernel Upgrades provides the possibility to establish reliable and reusable upgrade procedures that scale with SAP systems. Furthermore, users can get insights and reports that provide an overview about upgrade frequency and, optionally, can benefit from zero downtime releases leveraging SAP Rolling Kernel Switch (RKS).

Example of Analytics Dashboard



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