

SAP GTS 11.0 to SAP GTS E4H 2023

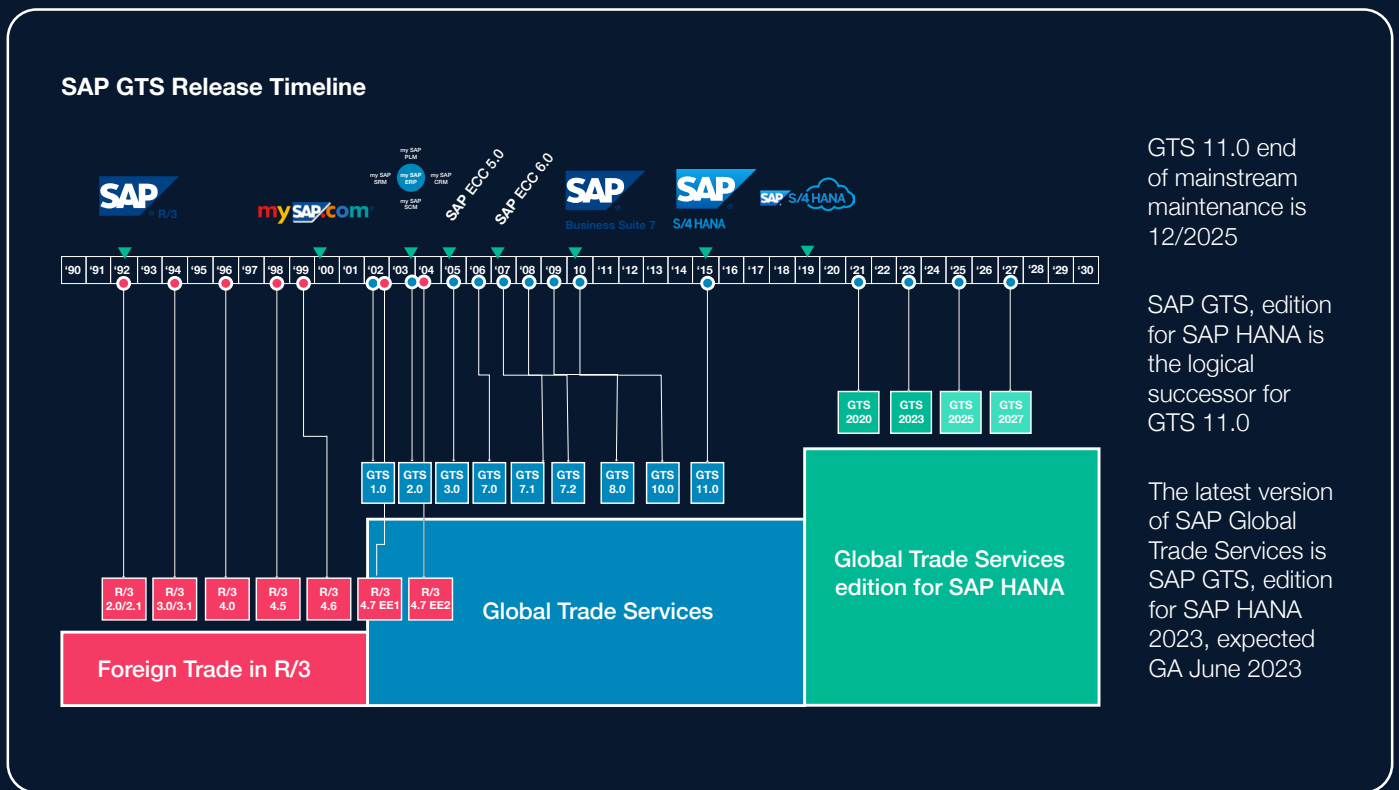
Preparing for your upgrade to
SAP GTS Edition for Hana

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➤ INTRODUCTION

Planning for an upgrade from SAP GTS 11.0 to the successor, SAP GTS Edition for Hana (E4H), well in advance is a prudent step to ensure a smooth transition and leverage the new functionalities and features offered by SAP GTS E4H.



GTS 11.0 end of mainstream maintenance is 12/2025

SAP GTS, edition for SAP HANA is the logical successor for GTS 11.0

The latest version of SAP Global Trade Services is SAP GTS, edition for SAP HANA 2023, expected GA June 2023

In this white paper we will be discussing the new features and functions along with deployment options. The goal is to prepare your business for the transition to SAP GTS E4H and ensure a successful upgrade with minimal disruption to your operations.

Assess Your Current System

Evaluate your existing SAP GTS 11.0 system and document its functionalities, configurations, customizations, and integrations. This comprehensive evaluation is pivotal to ensure that the upgrade leverages the full potential of SAP GTS E4H while addressing the limitations of the previous version.

The key aspects of this assessment can include:

Functionalities Assessment:

Document the core functionalities of your existing SAP GTS 11.0 system. This includes areas like compliance management, customs management, and risk management. Evaluate how effectively these functionalities are addressing your current trade management needs.

Configuration Review:

Analyze the configuration of your SAP GTS 11.0 system. This includes the settings for compliance checks, customs declarations, risk management, and reporting features. Check if these configurations align well with your current operational requirements and compliance obligations. For example, partner government agencies are now supported with an alternative framework; leveraging that framework and retiring customizations in this area brings you closer to standard.

Customization Analysis:

SAP GTS systems are often customized to meet specific business requirements. Assess all custom developments, including user exits, custom reports, and specific enhancements. Understanding these customizations is crucial for ensuring their compatibility or necessary re-engineering in the SAP GTS E4H environment. For example, changes to classifications, duty rate tables, and Free Trade Agreement LTSD tables will require you to adjust existing customizations.

Performance Evaluation:

Review the performance of the current SAP GTS 11.0 system. Consider aspects like processing speed, system stability, and scalability. Performance constraints in the current system can provide valuable insights for optimizing the SAP GTS E4H setup.

Integration Check:

Examine the integration points of your SAP GTS 11.0 with other systems like SAP ERP or non-SAP systems. This includes data flows, interface configurations, and synchronization mechanisms. The goal is to understand how the upgrade will affect these integrations and what changes will be required. While most integrations are backward compatible, there are still new features and functions, e.g., database persistence of GTS blocks in S4HANA, which you can leverage to remove customizations you may have done in the past.

User Feedback Collection:

Engage with end-users of the SAP GTS 11.0 system to gather feedback on system usability, pain points, and areas needing improvement. User feedback is invaluable for ensuring that the upgraded system addresses actual user needs and enhances overall user experience.

Compliance and Regulatory Review:

Since global trade regulations are continuously evolving, assess how well the SAP GTS 11.0 system is keeping up with these changes. This includes the effectiveness of sanctioned party list screening, license management, and customs management.

Data Quality Assessment:

Evaluate the quality of data in your current system. This includes accuracy, completeness, and consistency of trade-related data. High-quality data is essential for successful migration to SAP GTS E4H and for ensuring compliance and efficient operations post-upgrade.

This comprehensive assessment provides a clear baseline for the upgrade and identifies critical areas that need to be addressed during the transition to SAP GTS Edition for HANA. By thoroughly understanding the current state of your SAP GTS 11.0 system, you can plan an upgrade strategy that minimizes disruptions and maximizes the benefits of the new features and capabilities offered by SAP GTS E4H.

Understand the New Features of E4H

Conduct a thorough analysis of the features and functionalities of SAP GTS Edition for Hana (E4H) to understand how these new capabilities can benefit your business operations and compliance needs.

Feature Highlights - What's New



Trade Compliance and Screening

- 3 new designed Fiori apps with enhanced usability to increase efficiency and transparency for the users:
 - Manage Blocked Partners
 - Manage Blocked Documents
 - Display Documents
- New concept of processing status in all trade compliance areas
- Embedded analytic functions for audit or reporting purposes



Customs Management

- 6 new designed Fiori apps with enhanced usability to increase efficiency and transparency for the users:
 - Manage and Display Export Declarations, Exit Confirmation Overdue
 - Manage and Display Transit Declarations, Transit Confirmation Overdue
- New concept of processing status, progress, and proposal
- Embedded analytic functions for audit or reporting purposes
- Enterprise search to search with a reference number in export declarations



Trade Preferences Management

- Simplification of the entire long-term supplier declaration (LTSD) process
- 6 new designed Fiori apps:
 - Request LTSD
 - Manage LTSD - Inbound
 - Preference Properties for Suppliers
 - Manage LTSD - Outbound
 - Manage Re-Issue Reason
 - Preference Properties for Customers
- Introduction of document types (Document of Origin) to manage origin documents through the entire LTSD process



Intrastat

- Reuse of address data and VAT registration numbers of business partners in providers of information
- Transfer of data from feeder systems directly into Intrastat declarations
- Navigation to application documents in the feeder systems SAP S/4HANA and SAP ERP
- Reporting of services in Intrastat declarations for Italy
- Creation of Intrastat declarations with information relevant for third-party declarants in Bulgaria and Italy

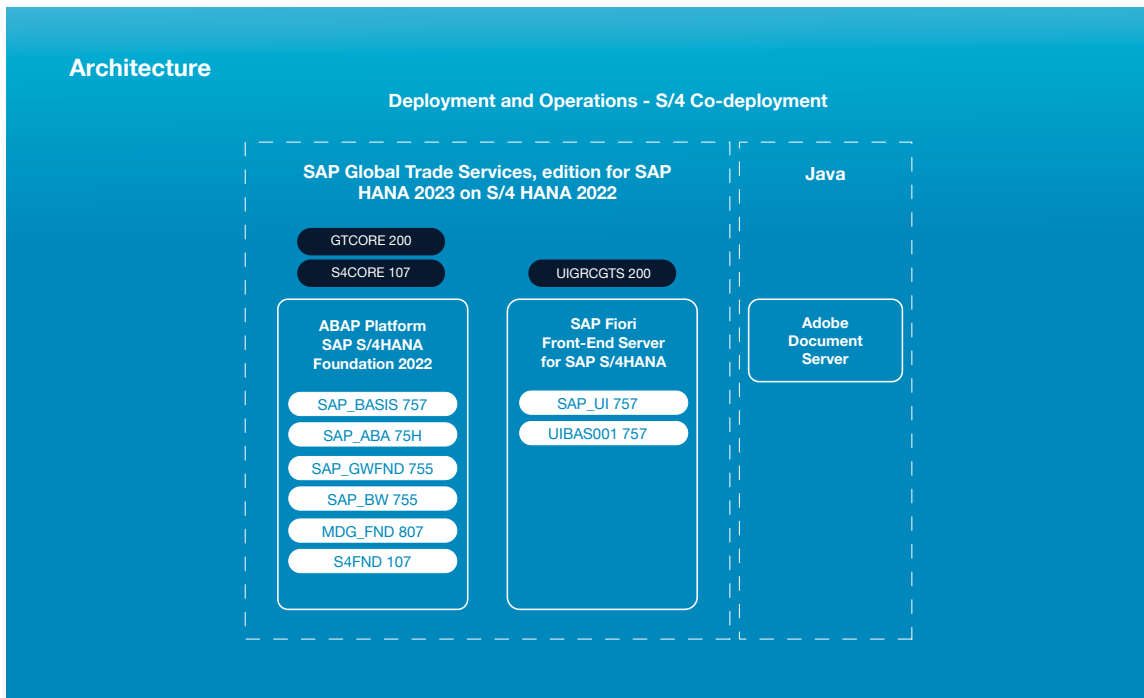
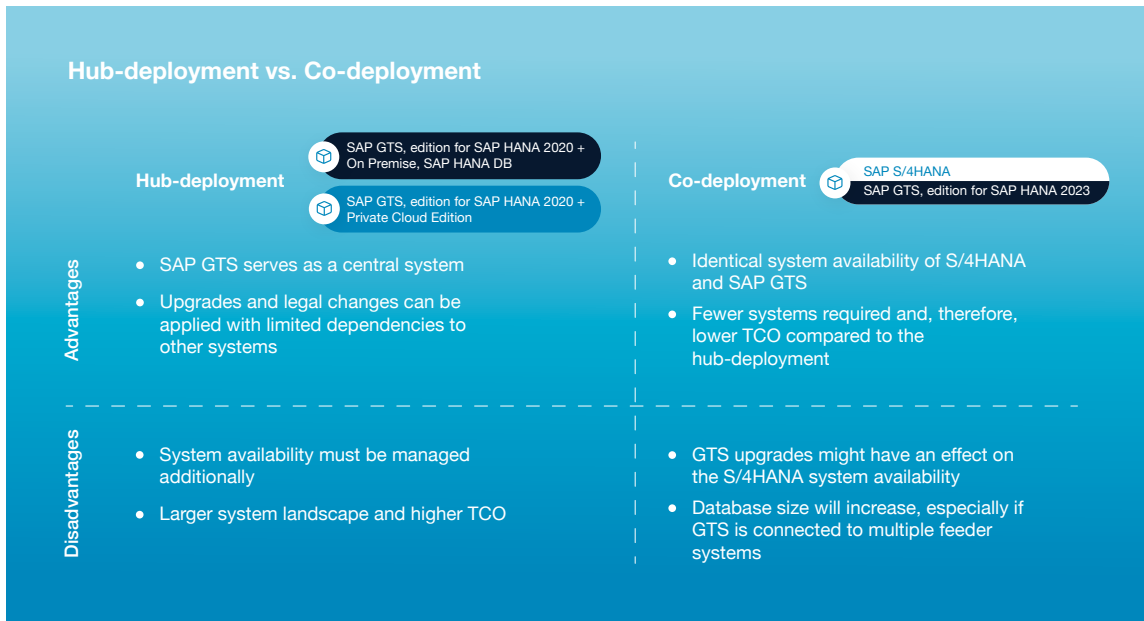
Master Data and Classifications

- New authorization concept for one unique maintenance user interface
- Improve content management by introduction of new numbering scheme content
- Manage conditions for rules of origin during product classifications

Choose Your Upgrade Strategy

Based on the assessment and requirements gathered, devise a comprehensive upgrade strategy. Define the scope of the upgrade, timelines, budget, resources required, and potential risks.

There are two (2) different upgrade paths available: **Hub-deployment** and **Co-deployment**. Understanding the difference between these two options will enable businesses to choose the most suitable path for their specific needs and ensure a smooth transition to GTS E4H.



Implementation and Deployment

Data Preparation and Cleansing

Prepare your data for migration to the new system. Cleanse and organize data to ensure accuracy and relevance. Develop a data migration plan to ensure a seamless transition without losing critical information. Special care is required to transition classification and duty rates data from the old GTS 11 format to the new GTS E4H format. Reduction of data in tables that have undergone data model changes will minimize downtime window during the conversion phase of the upgrade.

Upgrade Options

Execute the upgrade plan in phases or a controlled manner to minimize disruption to ongoing operations. Monitor the implementation closely and address any issues that arise promptly.

Option 1: In Place Upgrade/Conversion to GTS E4H 2023

1

Upgrade/conversion: Resolve object conflicts and rewrite custom code impacted by data model changes

2

Configure Classifications using new content management

3

Convert existing Master and transactional classification data as part of SUM conversion phase

4

Create and test new user roles

5

Train business users on new FIORI apps

6

Regression test all existing functions with upgraded S4HANA

Option 2a: Co-deploy GTS E4H 2023 on S4HANA system as a new client:
No historical data

- 1 Install new GTS E4H client on S4HANA
- 2 Transport existing configuration as BC Sets
- 3 Transport or Copy existing Custom code, rewriting for data model change
- 4 Configure Classifications using new content management
- 5 Migrate existing Classification master data using standard tools
- 6 Create and test new user roles
- 7 Train business users on new FIORI apps
- 8 Regression test all existing functions with upgraded S4HANA

Option 2b: Co-deploy GTS E4H 2023 on S4HANA system as a new client: Preserve historical data

- 1 Install new GTS E4H client on S4HANA
- 2 Transport existing configuration as BC Sets
- 3 Transport or Copy existing Custom code, rewriting for data model change
- 4 Configure Classifications using new content management
- 5 Migrate existing Classification master data using standard tools
- 6 Preserve Historical Data Options:
 - a. Read-only copy of GTS 11 production system
 - b. Export audit logs to Data warehouse
 - c. Engage SAP's DMLT service to migrate historical data
- 7 Create and test new user roles
- 8 Train business users on new FIORI apps
- 9 Regression test all existing functions with upgraded S4HANA

Post-Implementation Review

Conduct a thorough review post-implementation to ensure that the upgrade meets the business requirements and resolves the identified issues. Gather feedback from users and stakeholders for further improvements if needed.

> Conclusion

Upgrading to SAP GTS Edition for HANA 2023 from SAP GTS 11.0 represents a significant advancement in global trade compliance and management capabilities.

While the benefits of such an upgrade are substantial, including enhanced efficiency, compliance, and preparedness for future business growth, the process itself can be challenging and complex.

Navigating the intricacies of data migration, custom code rewriting, and adapting to new functionalities requires careful planning and expertise. In this context, partnering with an experienced implementation specialist can be invaluable. Such a partnership can provide the necessary guidance, support, and technical expertise to navigate the complexities of the upgrade process, ensuring a smoother transition with minimal operational disruption.

Embracing this change is a strategic decision, aligning your business with the latest in global trade management technology and positioning it for long-term success in an ever-evolving trade landscape.





Ropaar — By the Numbers

Ropaar has been leading the transformation in global trade and logistics for Fortune 500 customers across the world

Innovation
ClassifAI™ — Ropaar's AI/ML Solution plus other duty saving innovations

100+
Global implementations in NA, EMEA, LATAM & APAC



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We are independent thinkers and innovative problem solvers. Our practitioners have straddled the cusp of SAP technology and trade for over 20 years, helping customers realize the full value of optimized trade, transportation, and logistics operations.