



The Freight Audit Integration Readiness Checklist

A practical, four-part self-assessment for logistics and supply chain teams inventorying integrations ahead of an S/4HANA migration.



Is Your Freight Audit Process Ready for S/4HANA?

A migration from SAP ECC to S/4HANA means re-validating every integration touching your ERP, including freight audit. Use this checklist to see what's involved before your interface inventory locks. Multi-plant and multi-entity networks, common across life sciences and pharma manufacturing, carry more of this complexity than most, so start here if that sounds like your environment.

BEFORE YOU START

The SAP ECC end-of-support deadline isn't a hard wall. Paid extended maintenance runs to 2030, and in some cases to 2033. Integrations don't break automatically at migration. They need to be re-validated, and depending on your migration approach, some may need remapping. This checklist walks through what that re-validation looks like for freight audit specifically.

1 Know Your Interface Inventory

For each of the following, identify whether it currently runs through your ECC instance and who owns re-validation for it during the migration.

- ☐ **Inbound shipment data** – carrier and shipment details feeding into freight audit
- ☐ **Master data** – vendor, carrier and location records shared between systems
- ☐ **AP confirmations** – payment confirmation data flowing back to accounts payable
- ☐ **Outbound AP advice** – payment instructions sent from freight audit to AP
- ☐ **Outbound data warehouse feed** – freight and spend data feeding your reporting or BI environment

PROMPT

Have you confirmed which of these interfaces are file-based (AS2, SFTP) versus deeply embedded in ERP-specific code? File-based interfaces are typically the lighter lift to re-validate.



2 Assess Your Migration Stage

- ☐ Not yet started or early planning
- ☐ Mid-planning, pre-build
- ☐ In build
- ☐ Migration complete

WHY THIS MATTERS

Interface decisions are easiest to influence before build phase starts. If you're still in planning, there's room to fold a freight audit reset into the existing project scope rather than treating it as a separate initiative later.

3 Resourcing Reality Check

- ☐ Do you know what percentage of IT resourcing is allocated to third-party integration re-validation?
- ☐ Have you distinguished between integrations that need full rebuilds versus simple re-validation?

CONTEXT

A file-based freight audit integration has typically required around 30 percent of one IT resource's time during the build phase. Confirming this early can prevent freight audit from being deprioritized due to assumed resourcing conflicts that may not reflect the actual scope.



4 Ownership and Timing

- ☐ Who owns the decision on freight audit process changes during this migration?
- ☐ Is there a standardization effort underway across multiple entities or plants? (Particularly relevant if your company has completed an acquisition or merger in the last several years.)
For logistics center of excellence leads, this is the moment to fold multiple entities onto one freight audit process instead of maintaining separate versions.
- ☐ What is your target date for interface inventory lock?



This checklist is meant to help you assess your own readiness, whether or not you ever talk to us about it.

If you want a second set of eyes on your interface inventory, or want to understand what freight audit modernization alongside your migration could look like, we're here to talk.

[Talk to Our Team →](#)

[Read more about SAP migration planning](#)