



DECISION  
SUPPORT  
TOOLS.

**Release Notes**  
of DST Software and Database



## What's New?

### Release notes for version 3.4.1 of DST software

**v3.4.1 is a minor release, mainly featuring improvements to the enterprise licensing capability and hybrid database mode**, as well as minor fixes and improvements to existing modules. There are no changes which affect the technical architecture of the software.

- The underlying technology has not changed.
- The database schema has been updated to support the new features.

Factors for Consideration	Changed since previous version
Installation mechanism	NO
Technical architecture	NO
Prerequisites – Hardware	NO
Prerequisites – Software	NO
Prerequisites – Database	NO
Installation environments supported	NO
Database schema updated – technology	NO
Database schema updated – business items	YES
Software user security mechanism	NO
New underlying third-party supplier dependencies	NO
Major business features	NO
Minor business features	YES
Issues addressed and minor improvements	YES

### List of changes and improvements introduced in v3.4.1

- **DST Inventory Optimizer**
  - Improved user interface to input costs of unavailability in multi-system scenarios.
  - Fixed double-counting of repair and delivery costs when resupply costs included.
  - Inventory Optimiser (Batch): Column headers reformatted to improve readability

## List of changes and improvements introduced in v3.4 (also in v3.4.1)

- **DST Enterprise License Manager module now supports limitations to the number of licenses**
  - Previously, an enterprise license always allowed the client to issue an unlimited number of new licenses to the licensed modules. Now, an enterprise license can have a limitation on the number of licenses per module.
  - Ability to generate licensing audit reports.
  - Ability to revoke an issued license.
- **Improvements to Hybrid Database Mode**
  - Better log and error messages, to facilitate diagnosis of synchronization errors.
  - Forced “synchronize all below” option added to contextual menu of library items.
  - Improved robustness of the synchronization algorithm.
- **DST Inventory Optimizer**
  - Fixed result displayed for “maximum number of containers needed” in high turnover mode.

## List of changes and improvements introduced in v3.3.2 (also in v3.4.1)

- **DST Project/Change Evaluator**
  - Improvements to Best / Likely / Worst calculation algorithm.

## List of changes and improvements introduced in v3.3.1 (also in v3.4.1)

- **DST Inspection Evaluator**
  - Fixed bug whereby inspection downtime costs were not being shown in the strategies comparison results graph.
- **DST Inventory Optimizer**
  - Delivery costs now accept decimal inputs.

## Procedure for updating the database scheme

**Note: this is only necessary when upgrading from v3.2 or earlier.**

When upgrading from a previous version of DST, you can continue to use your library database(s). However, these need to be updated for the software to work properly. To do that, please follow the steps below, which are only required one time before accessing each of your preexisting databases.

### 1. Back up your database file

- 1.1. Go to File > Log off/Change user if you are not already in the initial login screen.
- 1.2. Click the blue text [Change Database](#) located on your DST initial login screen
- 1.3. Verify the path to your local database file. This is typically a file with extension .s3db.  
If using a database shared over the network, the same procedure should be done by the DST admin.
- 1.4. Locate the file using Windows Explorer, and make a copy of the database.  
Keep this as your backup.

## 2. Deploy schema changes

- 2.1. Back in DST, in the database selection screen, click the orange button “Deploy Schema Changes”.
- 2.2. Read the message and confirm.
- 2.3. Log back in normally.

Identification of the “Deploy Schema Changes” button within the Change Database screen

