



Migration plan GDSN certified data pool to CDB in 6 steps.

Main principles:

The Global Registry (GR), as the coordinating 'data base' in the Global Data Synchronization Network (GDSN), does not store product data, but only the identification of the 'home data pool' + the combination GLN + GTIN + Target Market as primary key (and if applicable also the GLN of the retailer as secondary key).

The combination GLN+GTIN+ Target Market must be unique in the GR!

This method of working guarantees that the GR chooses the right data pool to extract your product data and to direct these to the subscriber of your data in a correct and unambiguous way!

Migration process:

GENERAL:

"If there can be an agreement between the data pools, this transfer from one data pool to another is possible. This will require an agreement and potentially the goodwill of the old data pool."

6 STEPS:

1. Give notice to your "old" data pool and enroll with CDB.
2. Be sure that all contractual agreements are fulfilled with both parties.
3. Migration of data by publishing on the highest level towards the SA2 dummy GLN in the Production environment
4. Several options can be chosen on how to proceed after the validation of your data.
5. Freeze period of data synchronization (max. 2 weeks)
6. Live on CDB, data synchronization is re-established.

COMMUNICATION PROCEDURE:

GS1 Belgilux staff will coordinate the whole migration process so all communication must be send to CDB.support@gs1belu.org and/or Wim Peeters, wpeeters@gs1belu.org and Joke Op den Acker, jopdenacker@gs1belu.org in copy.

RECOMMENDED MIGRATION PROCEDURE:

1. When a data supplier wants to migrate from a GDSN Certified Source Data Pool to CDB (powered by SA2 Worldsync), he (as the data owner) has to send a written notice to his 'old' Source Data Pool, mentioning "he wants to migrate his data to CDB" and requesting to delete his GLN and all related GTIN's from the GR. He writes the same letter in English which will afterwards be sent to the Global Registry as proof that you as supplier are behind this request.

The supplier also informs the CDB Staff about his intentions to enroll as CDB member. Example of such a written request will be provided by GS1 Belgilux

2. All contractual stipulations between data supplier en his 'old' Source Data Pool must be fulfilled before any other step can be undertaken.
3. The data supplier publishes all his GTIN's on the highest level from his 'old' Source Data Pool to the dummy "migration-GLN" of SA2 Worldsync (actually 4049111000024) – PRODUCTION environment. **Please inform 1SYNC (via GS1 DAS e.g.) that you have published to the dummy migration-GLN of SA2.**

(Download your data from the old data pool into Excel, to have a backup. Be aware that this Excel format not necessarily equals the SA2 Excel format!)

The CIN messages will also be kept by SA2 as a backup in case something would happen during the migration.)

SA2 WorldSync will then validate these CIN-messages and will report the possible errors to GS1 Belgilux (CDB.support@gs1belu.org).

4. The supplier now needs to decide on how to proceed in the migration process.
(In case of the member being an XML – user: put up the AS2 connection in this phase.)
 - **Option A: No errors found**
Data is saved and stored (not published!) by SA2 in the PRODUCTION environment. Step 5 can start. **Cost:** Free.
 - **Option B: Fatal errors found**
Data cannot be uploaded into the PRODUCTION environment.
GS1 Belgilux lets the supplier know which the fatal errors are and how to correct them.
The supplier re-introduces the corrected data into the PRODUCTION environment via

WebForms (manually), via the SA2 Excel Template upload (+/- manually) or via SA2 XML CIN messages (automatically).

The data will be validated again, and if GS1 Belgilux sees that the validation report still gives errors, they will contact the supplier again. This process can be repeated until data are correctly entered.

Cost: Free.

- **Option C: Non – fatal errors found, case 1**

Data must be re-uploaded in the TEST environment but first SA2 needs to switch off the validations in order to save the data with non – fatal errors. Once the data is saved, the validations are switched on again. This allows the supplier and GS1 Belgilux to see a validation report which states the occurring errors.

The supplier corrects the data via WebForms (manually), via the SA2 Excel Template upload (+/- manually) or via SA2 XML CIN messages (automatically)

This process can be repeated until all errors are corrected and have disappeared.

The supplier downloads the data in the SA2 Excel Template from the TEST environment and uploads the same file into the PRODUCTION environment.

Cost: 700€ for manual intervention of SA2.

- **Option C: Non – fatal errors found, case 2**

The supplier gives an explicit approval to SA2 to correct the erroneous data and lets SA2 know how to correct the affected GTINs eg. change a certain value into another. This can be the case if many GTINs are affected with the same error.

SA2 will do the necessary to correct the data and enter it directly into the PRODUCTION environment. In case some non-fatal errors remaining: see option c, case 1 (no extra costs)

Cost: 1500€ for the manual intervention of SA2.

5. All of the above steps can be seen as preparation. Now the freeze period of data synchronization (max. 2 weeks) starts.

Communicate to all of your trading partners that there will be a temporary stop of data synchronization due to the migration of your old data pool to CDB and that they will not receive any updated product files, but that the old ones are still consultable.

Specifically for GS1 DAS members who want to migrate: export the “publications per GTIN Report” and the “Sync Status Report” from GS1 DAS and mail these reports to GS1 Belgilux staff. GS1 Belgilux makes sure that SA2 receives these reports.

Other data pools: export the synchronization list or ask your data pool to do it for you. All synchronization messages are suppressed and the Global Registry is requested to delete your GLN and the related GTINs (using the English letter from step 1): all communications to the GDSN Customer Support to be sent to support@gdsnsupport.org

The old data pool will then also remove your GLN and the related GTINs from its system. Now the supplier has no more links to its old data pool.

SA2 registers the supplier’s GLN at the Global Registry, linking it to CDB.

6. Since SA2 imported the synchronization list, all publications of the past automatically can be re-established and data synchronization is back live. Supplier can inform all trading partners that he is live on CDB and that data synchronization is re-established.

If no synchronization list was given to SA2 or something did not go accordingly, it could be that the publications have to be done manually. This should be the exception!