GS1 DQX SelfCheck
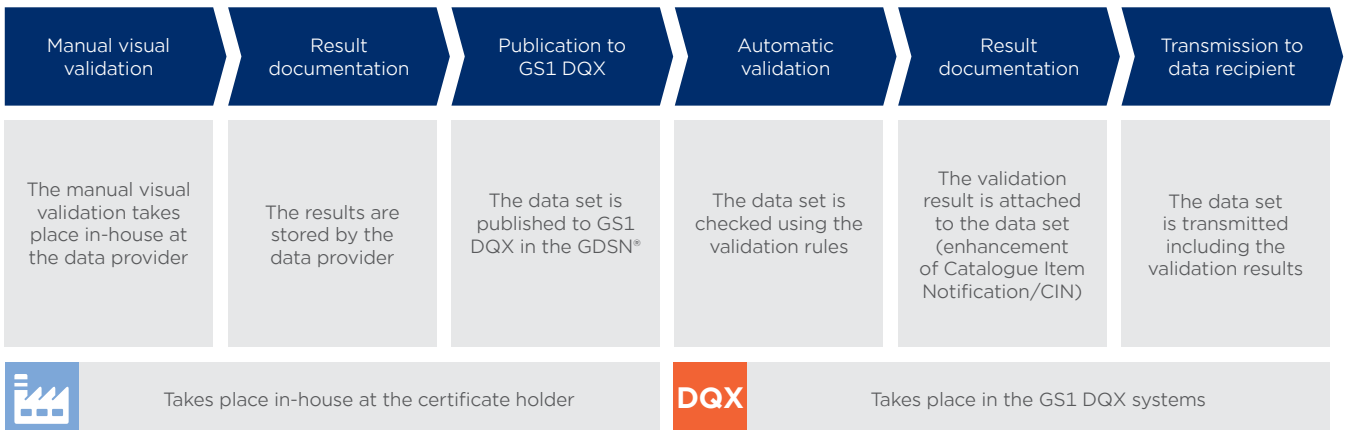## Ensure quality-checked product data in-house

As of May 20, 2023, quality assurance of product master data for data exchange in the German target market will be mandatory. This will initially apply to new items of consumer units in the food and near-food product range.
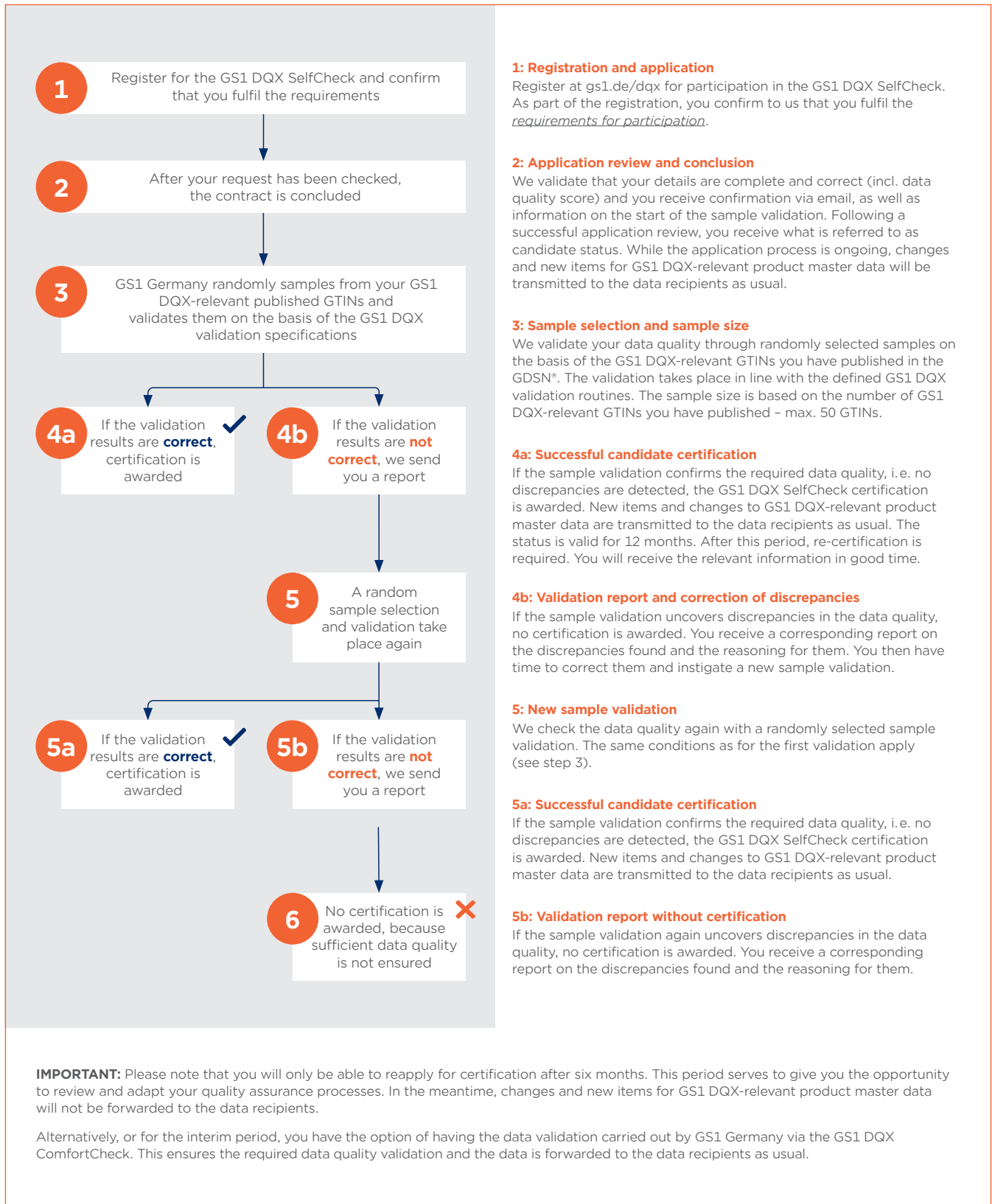
In addition to GS1 Germany's established data validation service (GS1 DQX ComfortCheck, formerly 'GS1 DQX'), the GS1 DQX SelfCheck will be available to data providers as an alternative quality assurance option as of May. After successful certification, this gives a manufacturer the opportunity to carry out the visual validation in-house.

It is essential to follow the *checklist* for the GS1 DQX SelfCheck certification process. It includes all the information on requirements with regard to data quality and process quality assurance that you need to fulfil to successfully receive certification.

Workflow of validation processes in the GS1 DQX SelfCheck

Manual visual validation	Result documentation	Publication to GS1 DQX	Automatic validation	Result documentation	Transmission to data recipient
The manual visual validation takes place in-house at the data provider	The results are stored by the data provider	The data set is published to GS1 DQX in the GDSN®	The data set is checked using the validation rules	The validation result is attached to the data set (enhancement of Catalogue Item Notification/CIN)	The data set is transmitted including the validation results

🏭 Takes place in-house at the certificate holder	**DQX**	Takes place in the GS1 DQX systems

This is how you can use the GS1 DQX SelfCheck

1 Register for the GS1 DQX SelfCheck and confirm that you fulfil the requirements

2 After your request has been checked, the contract is concluded

3 GS1 Germany randomly samples from your GS1 DQX-relevant published GTINs and validates them on the basis of the GS1 DQX validation specifications

4a If the validation results are **correct**, certification is awarded ✔

4b If the validation results are **not correct**, we send you a report

5 A random sample selection and validation take place again

5a If the validation results are **correct**, certification is awarded ✔

5b If the validation results are **not correct**, we send you a report

6 No certification is awarded, because sufficient data quality is not ensured ✖

1: Registration and application
Register at gs1.de/dqx for participation in the GS1 DQX SelfCheck. As part of the registration, you confirm to us that you fulfil the *requirements for participation*.

2: Application review and conclusion
We validate that your details are complete and correct (incl. data quality score) and you receive confirmation via email, as well as information on the start of the sample validation. Following a successful application review, you receive what is referred to as candidate status. While the application process is ongoing, changes and new items for GS1 DQX-relevant product master data will be transmitted to the data recipients as usual.

3: Sample selection and sample size
We validate your data quality through randomly selected samples on the basis of the GS1 DQX-relevant GTINs you have published in the GDSN®. The validation takes place in line with the defined GS1 DQX validation routines. The sample size is based on the number of GS1 DQX-relevant GTINs you have published – max. 50 GTINs.

4a: Successful candidate certification
If the sample validation confirms the required data quality, i.e. no discrepancies are detected, the GS1 DQX SelfCheck certification is awarded. New items and changes to GS1 DQX-relevant product master data are transmitted to the data recipients as usual. The status is valid for 12 months. After this period, re-certification is required. You will receive the relevant information in good time.

4b: Validation report and correction of discrepancies
If the sample validation uncovers discrepancies in the data quality, no certification is awarded. You receive a corresponding report on the discrepancies found and the reasoning for them. You then have time to correct them and instigate a new sample validation.

5: New sample validation
We check the data quality again with a randomly selected sample validation. The same conditions as for the first validation apply (see step 3).

5a: Successful candidate certification
If the sample validation confirms the required data quality, i.e. no discrepancies are detected, the GS1 DQX SelfCheck certification is awarded. New items and changes to GS1 DQX-relevant product master data are transmitted to the data recipients as usual.

5b: Validation report without certification
If the sample validation again uncovers discrepancies in the data quality, no certification is awarded. You receive a corresponding report on the discrepancies found and the reasoning for them.

IMPORTANT: Please note that you will only be able to reapply for certification after six months. This period serves to give you the opportunity to review and adapt your quality assurance processes. In the meantime, changes and new items for GS1 DQX-relevant product master data will not be forwarded to the data recipients.

Alternatively, or for the interim period, you have the option of having the data validation carried out by GS1 Germany via the GS1 DQX ComfortCheck. This ensures the required data quality validation and the data is forwarded to the data recipients as usual.

Overview of the GS1 DQX SelfCheck service packages

Service package	Annual certification fee	Visual-validation-relevant GTINs*
XS	390,00 Euro	< 10
S	990,00 Euro	10–99
M	1.990,00 Euro	100–399
L	3.800,00 Euro	400–999
XL	6.200,00 Euro	> 1.000

The classification into service packages is carried out by GS1 Germany as part of the certification process. This is based on the visual-validation-relevant GTINs of a data provider in the GDSN.

The service packages contain:

- Implementation of visual validation samples by GS1 Germany and reporting of the results

- Automatic validation of the items and reporting of the results

- Service and support with certification, as well as validation rules and reporting

- Data certification

We have compiled the relevant information for you on our website gs1.de/dqx. You will find information on the background to the decisions, details of the GS1 DQX validation rule, detailed descriptions of the GS1 DQX validation specifications, and an overview of the free training courses on the subject of 'Mandatory quality assurance of product master data' there.

**Get involved now and make your data fit for the future.
Contact us:**

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