

Dairy Products Marking

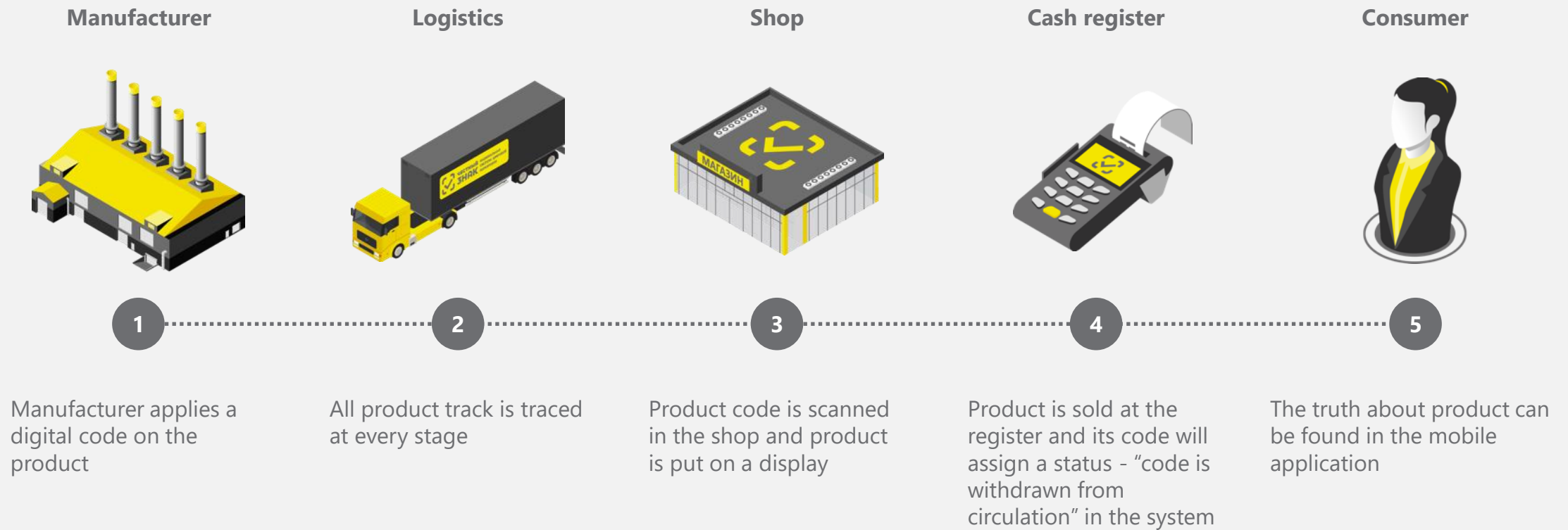


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Normative legal documents on dairy products marking

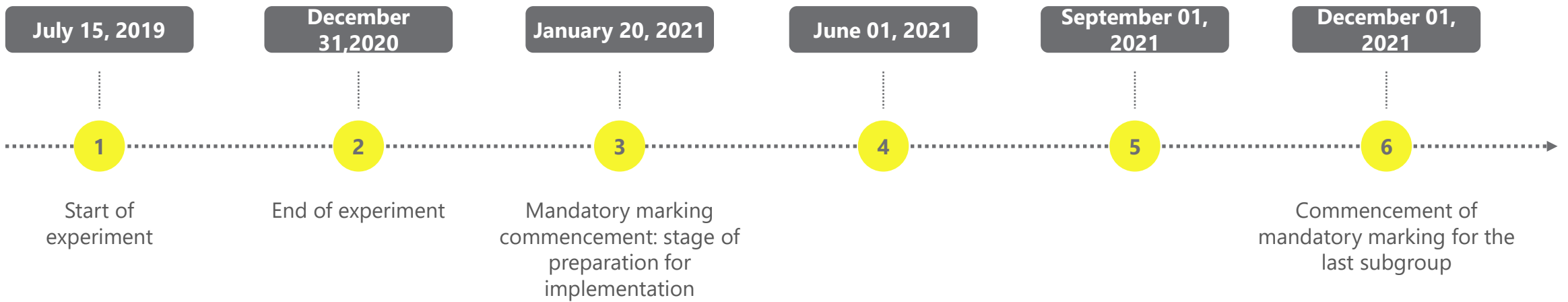
- 1** **Decree of the Government of the Russian Federation No.792-p dd. April 28, 2018** "Listing of goods which will be subject to mandatory marking with identification means"
- 2** **Decree of the Government of the Russian Federation No.836 dd. June 29, 2019** "Experimental marking of individual types of dairy products by identification means at the territory of the Russian Federation"
- 3** **Decree of the Government of the Russian Federation No.317 dd. March 30, 2020** "On amendments to the Decree of the Government of the Russian Federation dd. June 29, 2019"
- 4** **Decree of the Government of the Russian Federation No.806-p dd. March 30, 2020**
- 5** **Decree of the Government of the Russian Federation No.2099 dd. December 15, 2020** "On approval of marking rules for dairy products with the identification means and specifics of introduction of Track and trace government information system for the goods subject to the mandatory marking with the identification means concerning dairy products".

How traceability system works

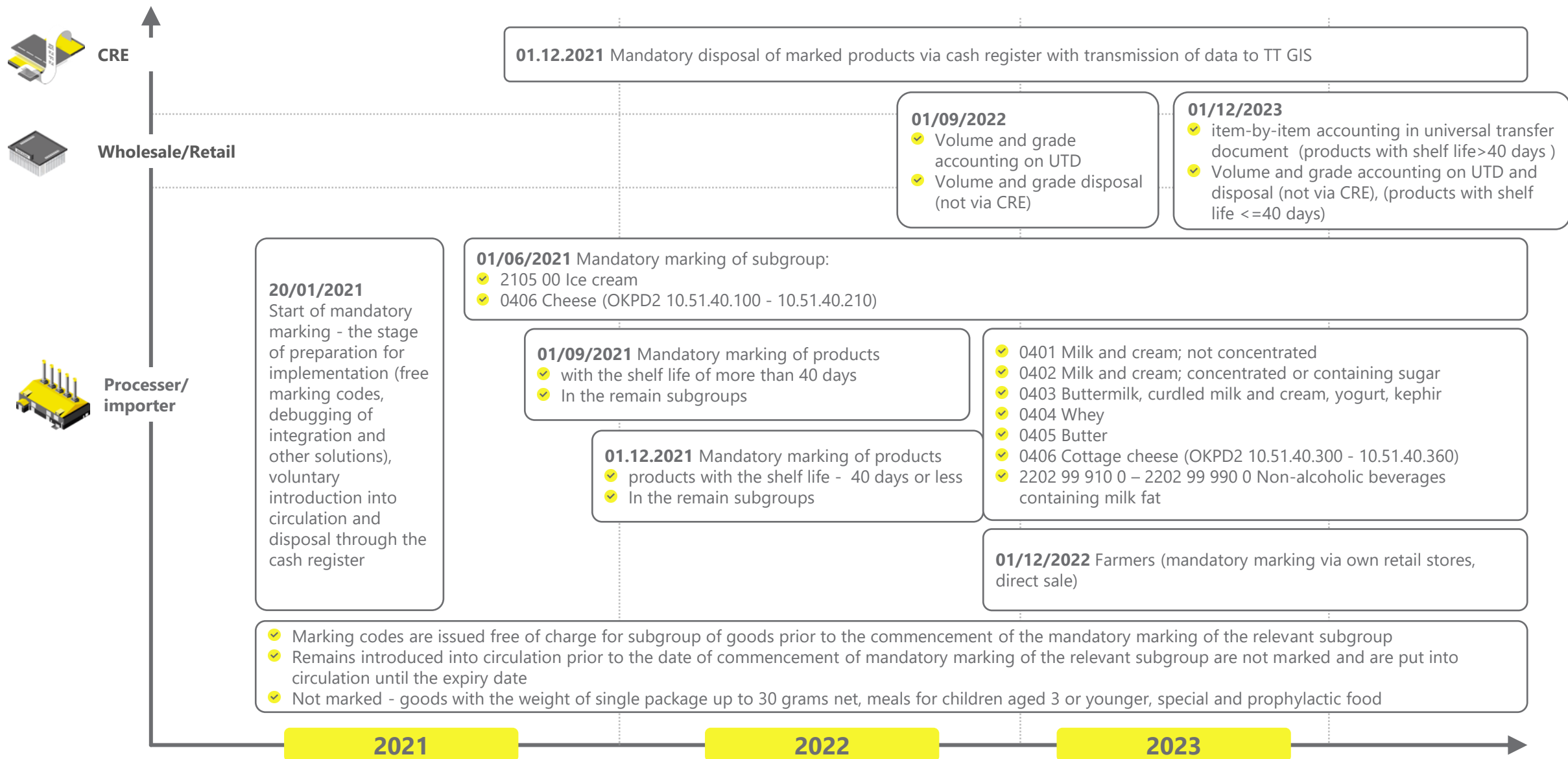


Unique digital product code. Integration with all regulatory authorities

Top-level time line on dairy products marking

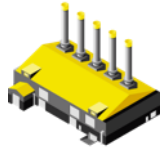


Road map and support measures

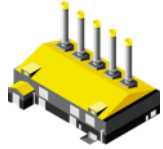


Stage 1. Application of marking codes and sale via cash register equipment

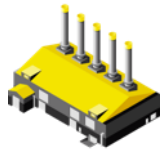
It starts for the dairy products manufacturers from the date of mandatory marking:



- ✓ From June 01, 2021 - ice cream and cheese,
- ✓ From September 01, 2021 - dairy products with an expiration date of more than 40 days,
- ✓ From December 01, 2021 - dairy products with an expiration date of 40 days or less.



Preparation of production for application and reading of marking codes (registration in the Government Track and Trace Information System, integrator selection, determination of engineering solution, equipment installation, IT integration)*



Transmission of data to marking and traceability system: codes ordering, application report, request on introduction into circulation



For retail, it starts from December 01, 2021 when selling the marked dairy products via cash register



Preparation of retail unit: the cash register software, fiscal data operator, 2D scanner*

Stage 2. Traceability of marking codes



It starts for all participants of dairy products circulation:

- ✓ From September 01, 2022 - volume and grade accounting in electronic universal transfer document, as well as withdrawal of marked products in volume and grade characteristics,
- ✓ From December 01, 2023 - item-by-item accounting in electronic universal transfer document (except for dairy products with an expiration date of 40 days or less)

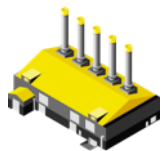


Participants need to configure an electronic document management (to choose the EDM Operator, to test an electronic document management with counterparties)*



All the participants submit the data to the marking and traceability system in the form of:

- ✓ electronic universal transfer document signed by both sides,
- ✓ report on disposal of marked products on various reasons

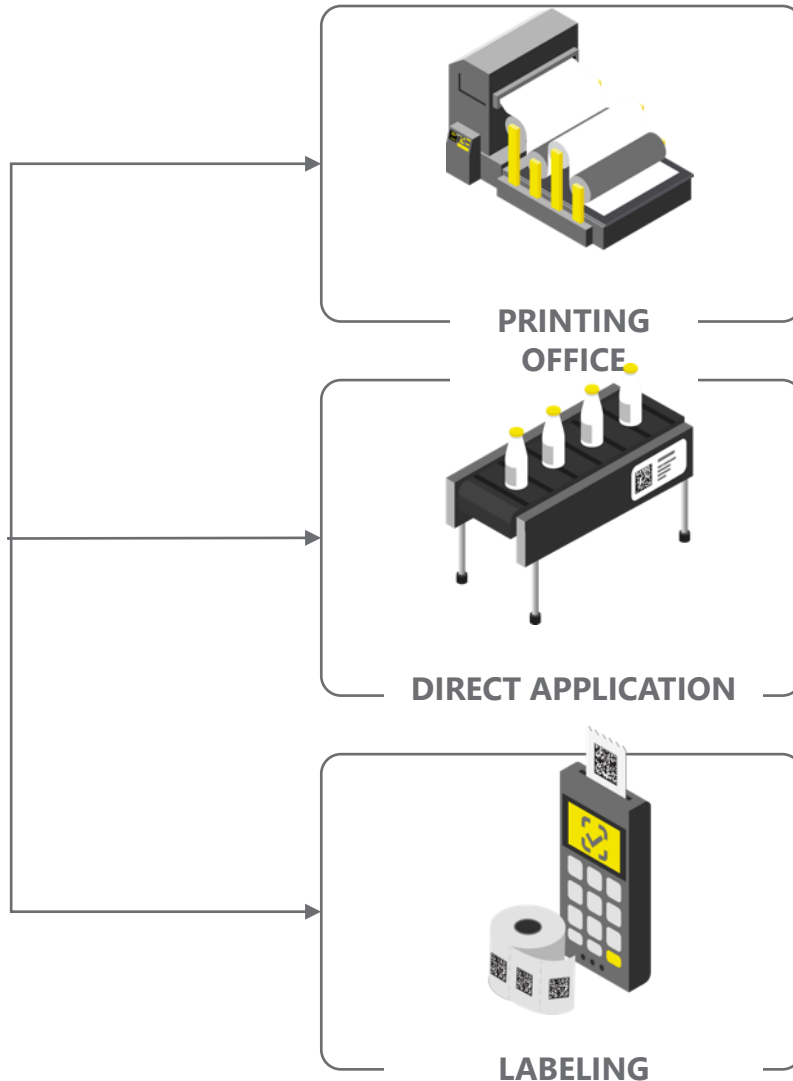


Manufacturer submits the following data to marking and traceability system: marking codes ordering, application report, aggregation report**, request on introduction into circulation, electronic Universal Transfer Document

* - list of manufacturing preparation tasks may vary

Marking code application methods

APPLICATION METHODS OF MARKING CODE



PRINTING OFFICE

- ✓ Digital printing equipment
- MANUFACTURER of DAIRY PRODUCTS**
- ✓ Machine vision/scanner

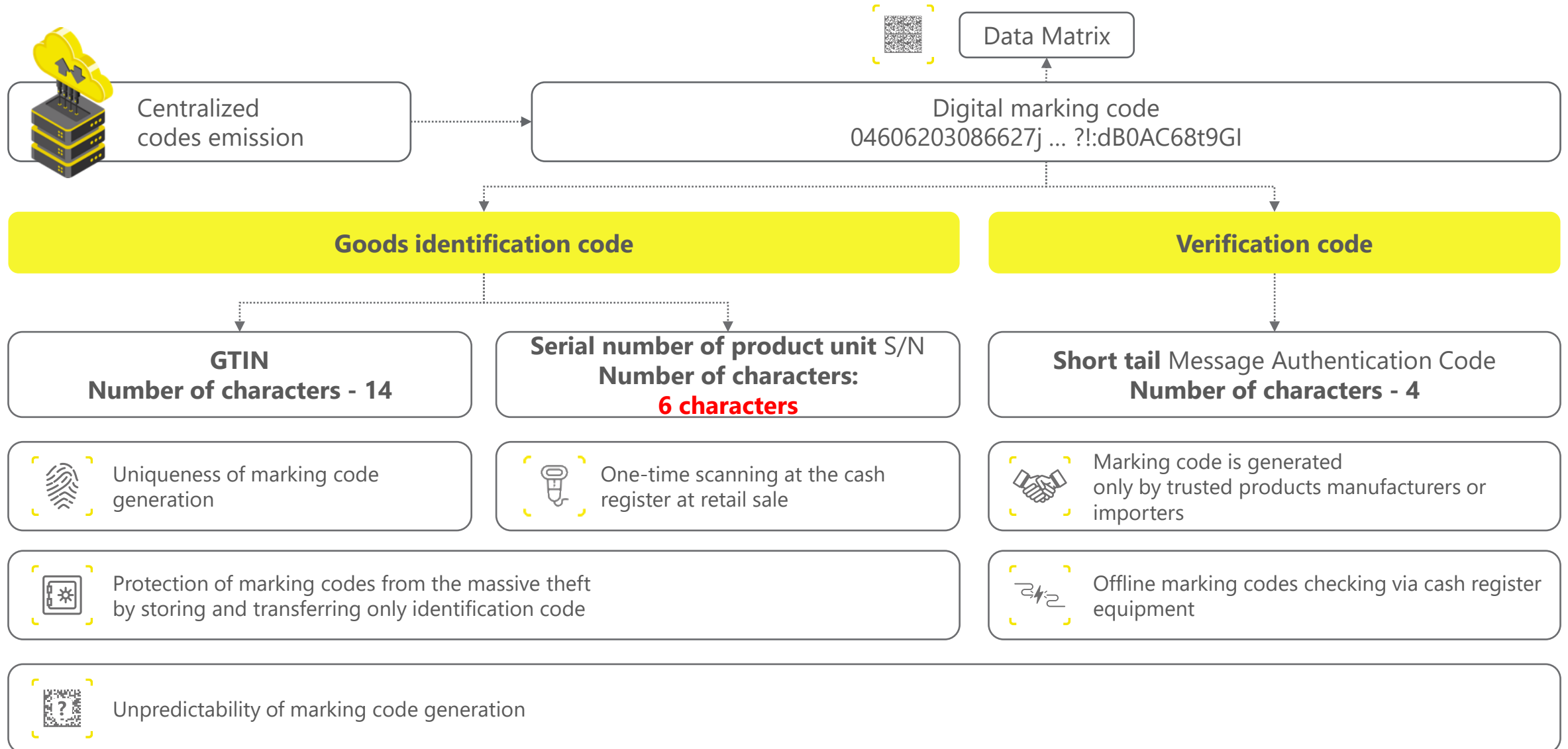
MANUFACTURER of DAIRY PRODUCTS

- ✓ Equipment for marking code application
- ✓ Machine vision/scanner

MANUFACTURER of DAIRY PRODUCTS

- ✓ Printer or applicator (or printer applicator)
- ✓ Machine vision/scanner

Structure of dairy products marking code and its advantages



Data Matrix code. Dimension.

The identification means shall be applied as a two-dimensional bar code to the label or consumer packing, and to the group packing of dairy products in accordance with requirements of the National Standard of the Russian Federation GOST R ISO/IEC 16022-2008 "Automatic Identification. Bar Coding. Data Matrix Symbology Specification".

- ✓ The size of Data Matrix code is **20x20 characters** including the search field. The recommended range of individual dot character is not less than 0.254 mm.
- ✓ The actual size of the Data Matrix code starts from 5 mm for each side.



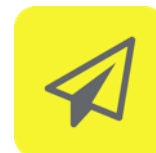
We are always here to help: direct communication with experts, answering questions on-line



You may contact us by e-mail:
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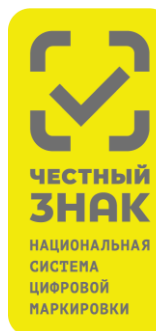
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