Company name:	Lyngsoe Systems A/S
Product/service:	Lyngsoe X-Tracking™
Version:	Release: Spring 2023
Components:	N/A
Date of reapproval:	29 September 2023
Date of first approval:	02 November 2020
Valid until:	Valid for three years from the date of approval
Certificate reference:	5012345000107085

The product or service detailed above has been checked by GS1 UK and has met compliance with the following GS1 standards:

- **GS1 Identification Keys**

    - **Locations**: Global Location Number (GLN), GLN Extension Component

    - **Assets:** Global Individual Asset Identifier (GIAI)

    - **Returnable assets:** Global Returnable Asset Identifier (GRAI)

    - **Logistic units:** Serial Shipping Container Code (SSCC)

- **GS1 data carriers**

    - **Barcodes:** GS1-128, GS1 DataMatrix, GS1 QR code

    - **EPC/RFID**

- **EPCIS**

GS1 UK has approved this product following a defined and consistent process to ensure conformance to the latest relevant published GS1 standards.

Further details of the product's capabilities, as tested against each of the appropriate GS1 standards, are included in the appendix of this public report.

Please note: the approval process does not guarantee that every application or usage of the product/service detailed above will result in GS1-compliant outputs. Factors affecting this could include user-error, data used and any interfacing software and hardware.

Mark Gillott
Director of standards and solutions
GS1 UK

Appendix

Supporting information:

Locations
Companies/locations can be identified using a Global Location Number (GLN)
Physical sub-locations can be identified using Global Location Number Extension Component
Assets
Assets can be identified using a Global Individual Asset Identifier (GIAI), Global Returnable Asset Identifier (GRAI) and/or GRAI plus serial component
Logistics
Logistic units can be identified using a Serial Shipping Container Code (SSCC)
Barcodes
The product can extract GS1-compliant data from GS1-128 barcodes
The product can extract GS1-compliant data from GS1 DataMatrix barcodes
The product can extract GS1-compliant data from GS1 QR Codes
The product can encode GS1-compliant data into GS1 DataMatrix
EPC/RFID
The product can extract data from GS1 EPC tags
The product can encode data into GS1-compliant tags
Interfacing
The product can include GS1 Identifiers in data shared with 3rd party systems
EPCIS
The product can use, store or share event data using EPCIS and the Core Business Vocabulary

Notes: as part of this approval process, GS1 UK have made the following notes or recommendations regarding the product:

1. X-Tracking can utilise only numeric data in 96-bit RFID tags for both GIAI and GLN Extension Components
2. Due to the focus on internal use-cases, X-Tracking does not currently include administration modules for BusinessSteps and Disposition, or their related fields in the EPCIS data interface. This could be delivered on customer-requirement.
3.