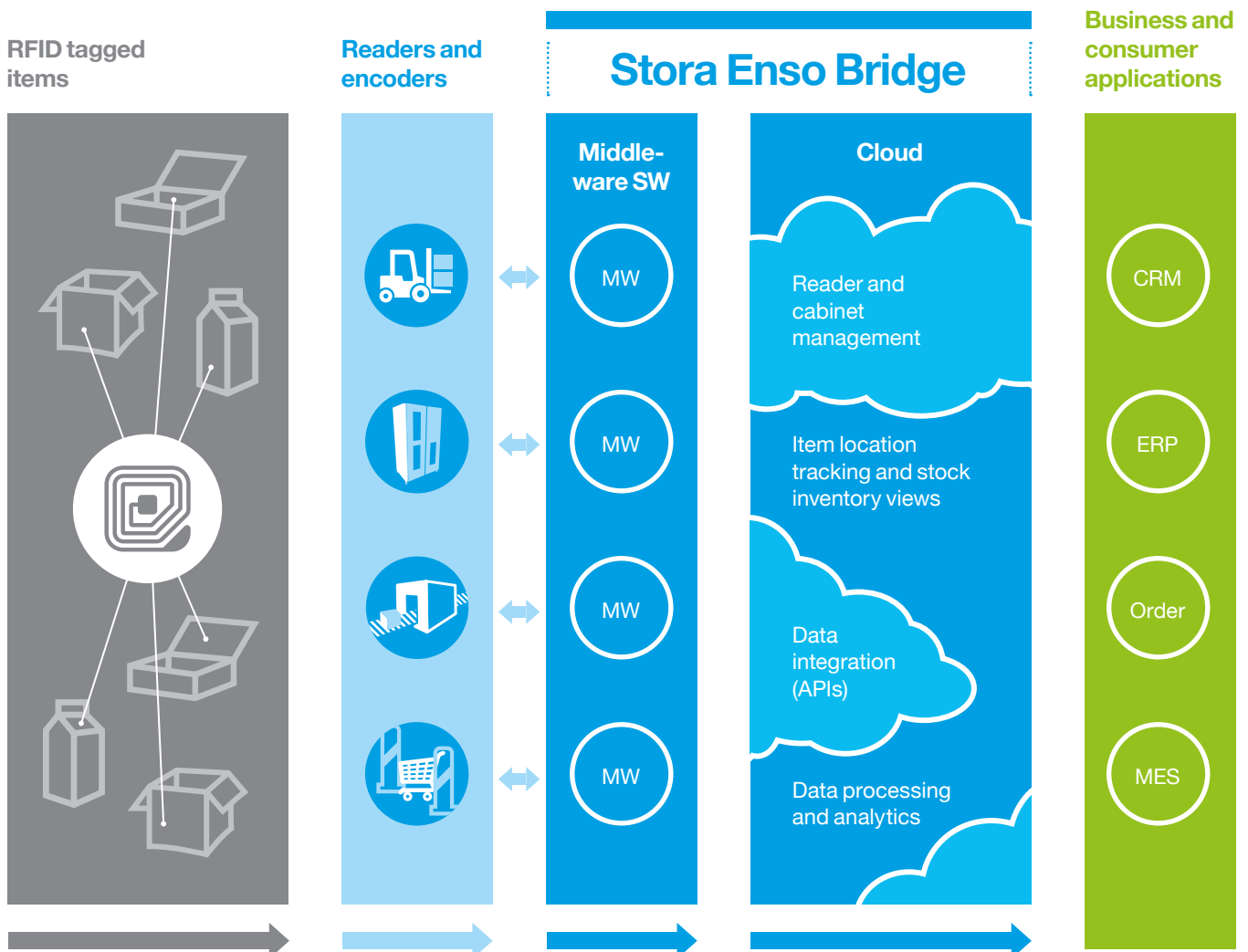


Bridge

Stora Enso Intelligent Packaging

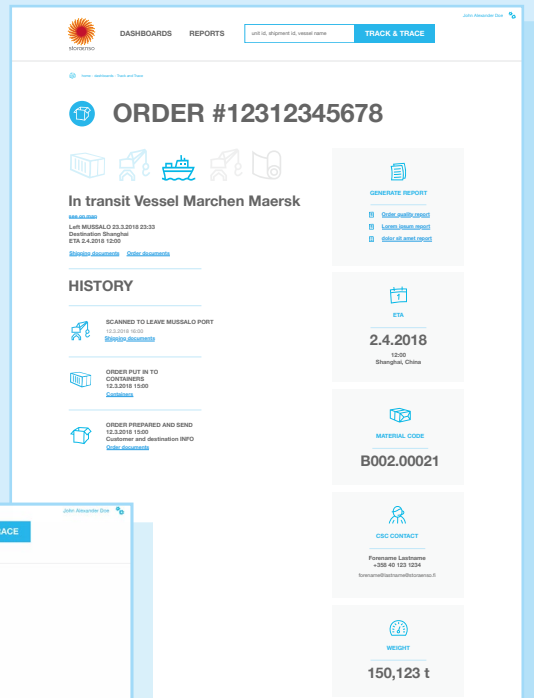


Bridge by Stora Enso is an integrated software solution providing data collection, analysis and visualisation via the cloud. Data is available for use by customer business processes by Bridge open interfaces. It consists of middleware software managing readers and our unique cloud platform where the data is collected. Bridge also secures all data flows and ensures reliable reading infrastructure.

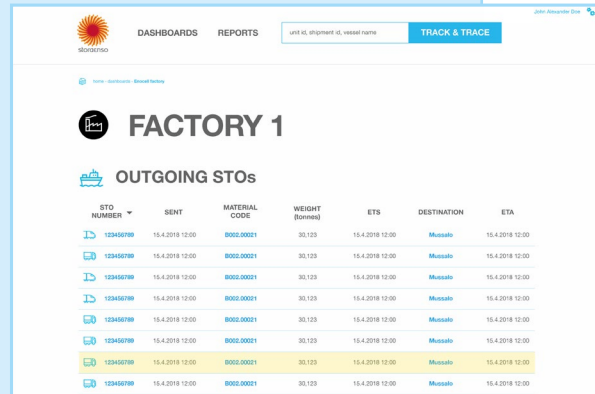




Map view



Track and Trace view



Outgoing Stock view

Bridge Middleware

The first line of intelligence is located near the readers. Bridge Middleware detects direction of the tags without extra hardware, collects tag information, analyses and filters the information, and sends aggregated information to the Bridge Cloud. Bridge Middleware can also provide the aggregated data directly to manufacturing and warehouse management systems in closed IT environment.

Bridge Middleware is a future proof solution with GS1 EPCGlobal standards compliancy. There is a wide range of support for readers, enabling design of best performing solutions to fit your business needs.

Supported standards

- GS1 EPC
- ALE (application level XML events)
- LLRP/HLRP (reader protocol)
- OpenAPI, REST, OpenID, HTTPS

Bridge Cloud

Bridge Cloud provides a standardized single point of integration to business and consumer applications for complete supply chain and inventory visibility in real time. Data collected can be enriched from business applications, for example, combining items with customer orders and shipments and adding more information about items. The information is available to business and consumer applications via open interfaces (REST, MQTT and Web socket).

Bridge Cloud is built on Microsoft Azure, a globally scalable, reliable and modern platform suited for small local to large global deployments. Cloud platform is designed to support multitenancy and protect customer data. All communication between the Bridge Cloud and Middleware is encrypted with secure protocols like https.

For efficient and trouble free operations, Bridge Cloud provides built-in support for automated RFID reader provisioning and SW version upgrades, monitoring of reader operational status and performance metrics, and managing of configurations remotely.

Contact us for more information:
www.storaenso.com/intelligentpackaging