

Orkla is proof that if there are differences in your production equipment, CodeIT can handle it!



Many companies' production capacity grows ad hoc through mergers, acquisitions and new investments. Whatever production equipment portfolio a company has, CodeIT's unique hardware brand-independent software solutions can almost always handle and align what you have and pave the way for profitable growth without obsoleting what you have.

Take Orkla as a concrete case ...



**Orkla embarked on a transformative project** to align business processes and master data across multiple countries, replacing various existing ERP systems with the One Orkla solution, S/4Hana. This ambitious ERP project, which began in early 2018, aimed to cover over 60 factories over a five-year period in several waves.

**In addition to replacing the ERP system**, Orkla supported factories in upgrading surrounding systems and infrastructure on demand. This included integration and label management software as part of equipment shop floor management, for which Orkla chose a single solution: CodeIT Enterprise.

The expectations and demands for the software were high, and today, at Orkla, CodeIT Enterprise handles, among other things:

- **Automated Integration:** CodeIT Enterprise receives process order and material information automatically through an interface to SAP, using standard SAP output formats like IDoc and XML files.
- **Centralized Content Management:** All content to be printed comes from SAP and/or PIM. Layout design and conditional print rules based on the content are established and maintained by CodeIT Enterprise.
- **Data Mapping:** Relevant data is mapped to specific fields in the labels within CodeIT Enterprise.
- **Flexible Printing Solutions:** One packing line can have multiple printers for consumer units, distribution pack labels, and pallet labels. CodeIT Enterprise downloads layout and data to multiple printers on a packing line following the configuration logic.
- **Order Management:** CodeIT Enterprise includes a user interface to start orders on packaging lines.

- **Flexible GUI Options:** Possibility to choose CodeIT Enterprise GUI solution or control via integration with MES, or both simultaneously.
- **SLA and 24/7 Support:** The CodeIT Support Center (CSC) provides support for all customers and those with a 24/7 service-level agreement.
- **Hardware Brand-Independence:** Our solution integrates seamlessly with different types of hardware from a wide range of manufacturers.
- **Business-Specific Configuration:** Flexible configuration based on business-specific logic.
- **Advanced Label Design Tools:** Tools to create and manage complex label designs, including GS1 barcode types, conditional printing, and QR codes.
- **Master Data Storage:** A database to store label designs and other relevant master data, such as images of EHS pictograms.
- **Extended Integration Capabilities:** Tools to establish integration with other 3rd parties' software tools, systems, and PLCs from different manufacturers.
- **Manual and Automated Printing:** Capability to manually print pallet labels, including generation of SSCC codes according to Orkla business rules, and functionality to reprint or reverse printed pallet labels.
- **Data Return to SAP:** Return of pallet data back to SAP when a pallet label is printed/applied, with offline queuing until connection to SAP is re-established.
- **Manual Data Entry:** Functionality to enter process order and material information manually via the user interface.
- **Buffering Capability:** Ability to continue printing labels for the current process order even if the connection to SAP is lost.

**An initial need brings most new customers to CodeIT.** Usually, like Orkla, there is a need to tag, make a declaration or stamp a product or transportation unit. With CodeIT Enterprise™, we are not only coding whatever it is, but by organizing the data needed to code it, we are leveraging production, flow, and possibilities for visualizations. At the same time, we are creating opportunities for measurement and automation. Along the route we are often regarded by our customers as an extension of their own organization.

**More than five years on,** we can proudly confirm that all Orkla's expectations have been met and often exceeded. Orkla is very pleased with their choice of CodeIT, praising not only our flexible, scalable, and integration-friendly hardware brand-independent solution but also our extensive shop floor experience that we willingly share. At CodeIT, we feel we have become a true companion, helping Orkla leverage their data in other areas of production management too, such as with MQTT, part of the CodeIT Enterprise Ecosystem.



At CodeIT  
our goal is to help  
customers succeed

**A significant advantage for Orkla** is that CodeIT Enterprise™ works as a single connectivity hub for single or multiple sites, even where there is a massive difference in production equipment in terms of vendor, age, technology, or communication standards. This is often the case when customers expand through acquisitions and buy-outs or by building new state-of-the-art factories.

**Everyone at CodeIT**, from our software development team to our 24/7 support team, looks forward to a long and mutually rewarding relationship, solving production challenges together with customers like Orkla.



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