

Track & Trace

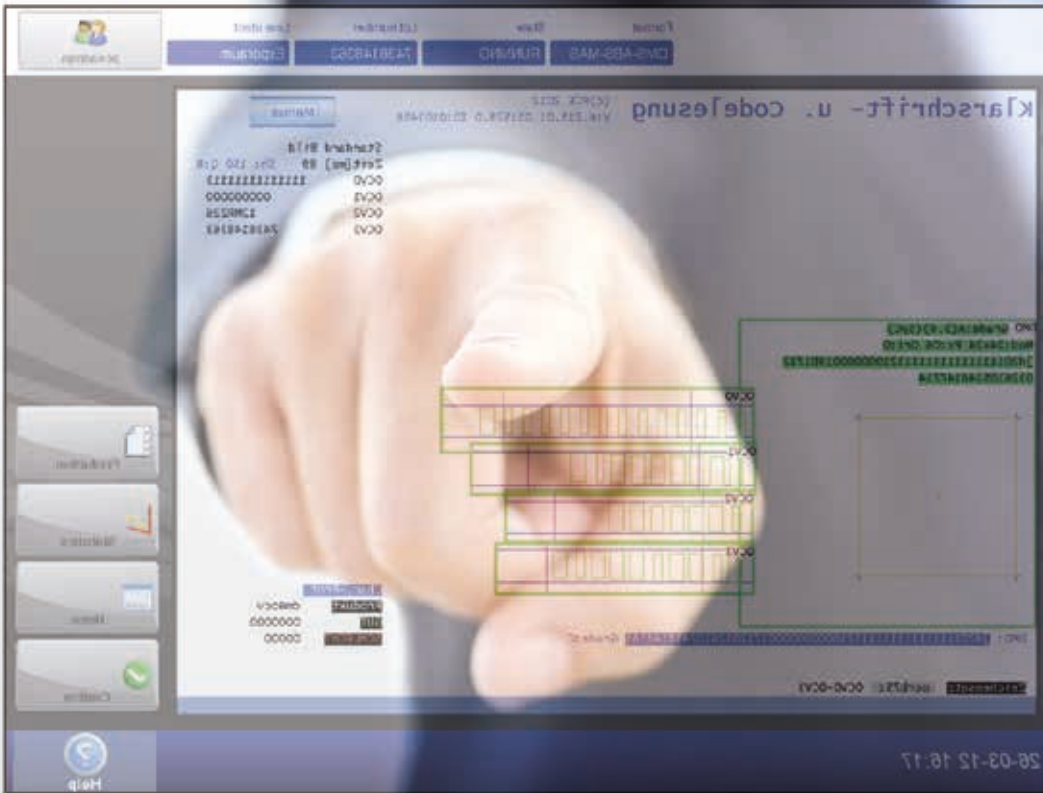


Track & Trace

To Protect Consumers, Products and Brands

METTLER TOLEDO





Integrated Software Solutions for end-to-end data management

PCE Line Manager (PLM)

The PCE Line Manager is an innovative software for integrating and managing all track & trace systems on a packaging machine.

Thanks to PLM's central user interface, all sensors, code readers, cameras, labelers and industrial printers on a production line can be operated from a central location. The intuitive touch screen interface displays all user inputs and relevant results. PLM fulfills the full range of global regulation

and is 21 CFR Part 11 compliant. All components on the line are accessible and fully configurable through an open XML protocol over TCP/IP.

PCE Site Manager (PSM)

The PCE Site Manager manages all lines in a production facility from a central location.

Orders, production, serial numbers and user data can be created manually or imported automatically via an ERP or

cloud connection. To ensure flexibility, standard web services are provided as interfaces for importing and exporting serial numbers, orders, products or user data. The modular design facilitates easy integration into typical ERP and cloud systems (SAP certified). PSM is a web application, that can be accessed anywhere on the network via a browser.

Reliability and Flexibility in the Packaging Process

As an expert in Track & Trace solutions and Vision Inspection, METTLER TOLEDO PCE draws on over 25 years' experience of supplying intelligent vision inspection solutions for maximum process reliability in the packaging industry.

In the last decades, there has been an increasing demand for quality and more recently Track & Trace solutions for in-line packaging processes across industries.

To ensure the smooth execution of related procedures, a combination of reliable code-reading technologies and integrated software solutions is key.

METTLER TOLEDO PCE provides end-to-end solutions consisting of hardware, software and services tailored to the specific needs of pharmaceutical, food, chemical and other manufacturing industries.

Our company is built on a global network able to service and support you anywhere

METTLER TOLEDO is a leading supplier of precision instruments with a global sales and service network (www.mt.com). As one of the world's leading experts in Track & Trace systems, METTLER TOLEDO PCE has installed more than 1,000 lines complying with global Track & Trace regulations. We work with customers to develop solutions across multiple lines and sites in Europe, North America, Asia, South America and Middle East - Africa. METTLER TOLEDO PCE offers a

comprehensive modular Track & Trace product portfolio along with other key solutions for product inspections - including checkweighers, metal detectors, X-ray inspection systems and vision inspection systems. We support you through the entire product lifecycle - from designing the tailored solution, to full global rollout and finally, service to assure high-quality performance of your production lines.

Hardware Systems

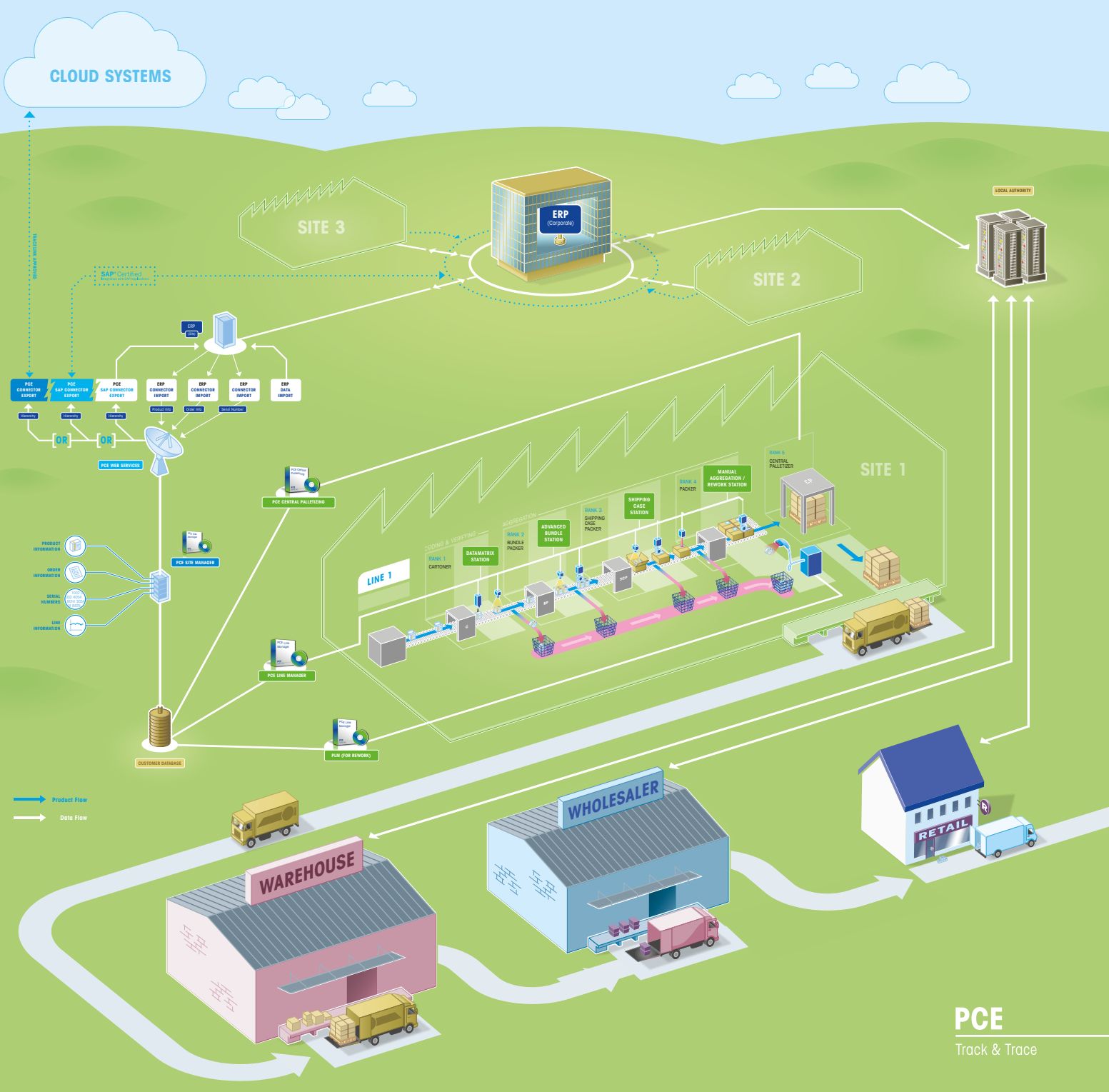
- Datamatrix Station XMV
- T2650 Case Aggregation
- T2660 Manual Track & Trace
- T2410 Bottle Track & Trace
- T2810 Label Serialization
- T2642 Track & Trace Kit

Software Suite

- PCE Line Manager
- PCE Line Manager direct
- PCE Site Manager
- Cloud and ERP Integration
- Label Design Software
- PCE Software Suite Tools

Professional Services

- Planning/Engineering
- Project & Program Management
- Qualification Documentation
- Installation, Hypercare
- Service Contracts
- Training, Spare Parts



PCE
Track & Trace

Multi-level and integrated solutions for product traceability

The market demands reliable traceability from manufacturer to point of sale. Regulatory legislation requires all manufacturers to implement appropriate security systems to prevent counterfeit products.

METTLER TOLEDO PCE solutions ensure labelling and serialization are performed correctly, starting with individual products and continuing through to aggregation into bundles, shipping cases and pallets. The PCE software suite supports seamless system control

and data exchange with higher-level systems. Thanks to our modular and highly-configurable systems, you can upgrade your processes in future to comply with new regulations and thereby protect existing investments.



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1 The **Datamatrix Station XMV** is an all-in-one solution for marking and verifying cartons. The system includes software for operating the installed devices as well as management of data. Its small footprint enables the independent, mobile unit to be easily integrated into existing lines.

Optional Tamper Evident functionality ensures compliance with respective regulations to avoid any kind of product manipulation.

2 The **T2611** is a compact desktop system for manual serialization of small batches. A integrated inkjet printer applies codes on cartons which then are checked and verified by a Smart Camera.

3 The **T2650** is a compact control unit for aggregation. It supports simultaneous optical capture of all units inside a shipping case and the assignment of a unique serial number to the resulting superordinate unit.

4 The **T2660** enables the aggregation and rework of cartons into bundles, shipping boxes and pallets so that they can be labelled in accordance with Track & Trace regulations.

Consisting one or more handscanners and printers, as well as the required PLM software, the T2660 can be used at various positions along the line or as an off-line standalone system. This maximizes flexibility during the final aggregation stage. As a self-contained unit, the station can be commissioned immediately without long downtimes.

5 The **T2410** enables you to perform serialization for unoriented products, as well as authentication of a filling system. It combines inspection of bar codes and human readable information such as batch information, serial numbers or expiry dates are combined with checks for the presence, placement and potential damages of labels.

6 The **T2810** is ideal for checking various data on both serially produced and non-serially produced labels. It can be used in or offline your packaging line. The serialized labels are automatically printed, the entire area is inspected by a high resolution camera and imperfect labels are automatically rejected from the label tape.

Different sensitivities can be adjusted in line with the various print areas. The T2810 can be easily integrated into new production lines or added as an upgrade to existing lines, providing a full range of functions and user-friendliness while simultaneously reducing the complexity of your packaging process.

Your Expert Partner for Track & Trace

Over decades, METTLER TOLEDO PCE has provided a broad range of solutions for optical quality inspection, coding, serialization, aggregation and rework tasks across multiple industries. Based on a strong track record in the pharmaceutical industry, tailored Track & Trace solutions have been rolled out to meet global regulations and company requirements for small to large companies across the globe in multiple industries.

Clear benefits

By using the latest systems from PCE for checking traceability, you can verify that:

- Quality standards are being met
- Patient protection is ensured
- All international regulations in Track & Trace are being followed
- Product recalls and damage of reputation are avoided
- Productivity and profitability are protected in the long term

METTLER TOLEDO service specialists know exactly what it takes to meet your specific operational requirements and maximize your uptime. Benefit from our experience and expertise from the METTLER TOLEDO service and let us help you to ensure that your systems enjoy maximum possible levels of availability, performance and conformity.

Make the most of your investment.

www.mt.com/pce

For more information



METTLER TOLEDO Group

Vision Inspection

Local contact: www.mt.com/contacts

Subject to technical changes

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