

CASE STUDY

Electronic Change Management

From paper trail to smart solution



KISTLER
measure. analyze. innovate.

How the Kistler Group efficiently manages change and work processes across the board.

Intelliact AG: We see product data as team players – helping you to optimize processes and develop new business models. That's our passion. Quality remains our main focus – as it has been for over 20 years. We have developed and optimized our 'good practices' approach across hundreds of Product Lifecycle Management (PLM) projects.

As an independent consulting and implementation service provider, we commit to engaging with enthusiasm, conviction and responsibility. We guarantee successful conception and implementation of a company's 'digital products'. This enhances cooperation both within and beyond the limits of your company.

The Kistler Group is the world's market leader in dynamic measurement technology for detecting pressure, force, torque, and acceleration. Cutting-edge technologies form the basis of Kistler's modular solutions.

Customers in industry and science benefit from Kistler's experience as a development partner, enabling them to optimize their products and processes to secure a sustainable competitive edge.

This owner-managed Swiss company's unique sensor technology plays a key role in the evolution of automobile development and industrial automation, as well as in numerous emerging sectors.



Changes to Products

Challenges for the world's market leader in measuring technology

Rapid market changes require that every manufacturing company makes changes to products simply, quickly, and completely. However, if changes are documented analogously and passed on across departments, information is not immediately accessible to each employee, and processes are confusing and time-consuming.

The aim of the Kistler Group was central and automated control of their entire change process – from the idea of change to its implementation in the affected departments of the company, e.g. with automatic task assignment and a real-time viewable status of the change.



The special thing is this: Our employees can monitor the change process very closely today. They always see what has been changed – also in the product data. The process responds to the data and the data reacts to the process.



Kay Unzicker

Project Manager, Kistler Group

Plan Efficiently and Track Changes

What the process highlights: where there are bottlenecks; who is working on which change with which priority and for how long; who has to do which task and in which order; what has already been done and what decisions have been made, etc. It then allows staff to plan the change process efficiently and keep track of it until the appropriate measures have been taken in the relevant departments.



Changes can already be assigned to the correct places at the beginning. This is calculated via the product structure, from which the responsible departments can be determined.

Marco Egli, Senior Consultant, Intelliact AG

Consistent Master and Transaction Data are Required

Intelliact and the Kistler group designed and developed a stand-alone web application capable of retrieving and restoring product data between existing PDM and ERP systems.

Electronic and automated control of the entire process was possible through rule-based derivations from the product data.

Consistent master data and documents from the PDM as well as transaction data

from the ERP were indispensable for the implementation. The Kistler Group merged all the data together in a manner that reflected the process orientation.

From the beginning, the Kistler Group had a very clear idea of the task to be carried out and the process required to do so. This formed the basis of the optimal digitisation and implementation.

Complete Changes in the Shortest Time

Thanks to the electronic and automated control of the entire change process, the Kistler Group is now able to process and carry out changes in the shortest possible time.

Assessing the impact of a change helps the Kistler Group to choose the optimal action.



The entire product change process is now transparent. This means that, for example, the current status of a change or the re-introduction of a product can be viewed in real time.

Kay Unzicker, Project Manager, Kistler Group

Advantageous Cross-Departmental Change Management

Electronic cross-departmental change management within the Kistler Group also provides all employees with information about vital changes in the product data. Comparison tools illustrate all changes to master data, structures, and documents at a glance.

Information on both versions of a product (before and after changes have been carried out) provides insight into how something has changed and how a stock list or work schedule will change.

As a result, the potential effects of a change can be surmised beforehand to ensure the implementation of a systematically planned and organized change process.

The information needed to carry out any task in the system is already available and easily accessible.

Workflow information and tasks are linked to the product to be changed and correspond to a step in the change process.

Where there was once an inefficient paper-trail, there is now a smart solution that

allows for centralized and automated control of all processes.

The Kistler Group has created the best possible foundation for speedy reactions to changes, planning and tracking product changes efficiently, and completing tasks in the shortest possible time.



With the first partial introduction of the electronic change management a partial amortization could already be realized during the project term.

Kay Unzicker, Project Manager, Kistler Group

Make your data work together

**Do you have any queries?
Feel free to contact us.**



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