Moldex3D

iSLM

THE NEXT GENERATION DATA MANAGEMENT PLATFORM FOR PLASTIC MOLDING

Moldex3D iSLM (intelligent Simulation Lifecycle Management) is an intelligent and interactive data management platform designed specifically for plastic engineering companies. It records and visualizes every phase of the mold development data online. With iSLM, workflow information can be shared across departments to reduce communication gap and improve teamwork efficiency.

Moldex3D

www.moldex3d.com

Moldex3D iSLM

As a private cloud platform, iSLM allows administrators to assign different user access levels to ensure data security. In iSLM, users can keep all the data of a mold making process from the design stage to the final mold trial, by building individual molding projects.
After a mold trial, iSLM also helps users collect and compare the actual data with the CAE simulation results. With iSLM, companies can easily realize smart analytics to extract valuable molding insights that powers superior growth.

Key Values for iSLM Platform

Centralized data management that makes data acquisition easier than ever

Transforming users' experiences into valuable digital assets and increase the core competitiveness of the company

Sharing timely information across different team members, including part designers, CAE engineers, mold designers, and on-site process engineers

Efficiently monitoring work progress and following up on each task

Web-based cloud service that allows quick access anytime, anywhere

Flexible and user-friendly interface with customized management systems that meets different company's needs

What Moldex3D iSLM Can Help

Task Management
- Organizes and records all the tasks in the mold design and development process
- Its Work Breakdown Structure (WBS) breaks bigger projects into smaller segments
- Its calendar effectively organizes each member and team's work schedule
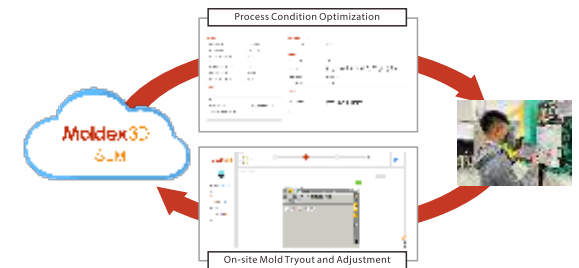- Visualizes workflow, making it easier to track each task

Solution Management
- Only a click away to upload Moldex3D projects
- Complete records of Design for Manufacturing (DFM) requirements and review meeting minutes
- Share information with the right people by assigning different data access levels
- Monitor product development results by using Quality Dash Board

Mold Tryout Management
- Moldex3D optimized process condition is provided to assist on-site tooling operations
- Capture on-site tooling conditions by using camera mode with OCR (Optical Character Recognition) to automatically identify images and numbers
- On-site records can be exported directly using customized reports
- Generate reports comparing on-site trial data and CAE simulation result

Knowledge Management
- Collect and record various mold designs to carry out Big Data analysis
- Quick access to previous cases for new design ideas
- Identify key design and manufacturing factors by comparing similar data

Security Management
- Operated on a private cloud platform to ensure data security
- Centralized data storage for easier IT management and file backup
- Data access can be set by project units, which can be further used for suppliers' management
- Independent authority setting of user account, convenient for team member management