



DIGITAL INDUSTRIES SOFTWARE

NX Mold Connect

Using online SaaS app to enhance collaboration between part designers and mold makers for injection molded parts

Benefits

- Provide seamless collaboration and updates in real time from any device
- Speed time-to-market with improved communication and part accuracy
- Improve final part design with analysis tools
- Automate RFQ with faster and more accurate cost estimates
- Increase file accessibility and accuracy for expedited decision-making

Summary

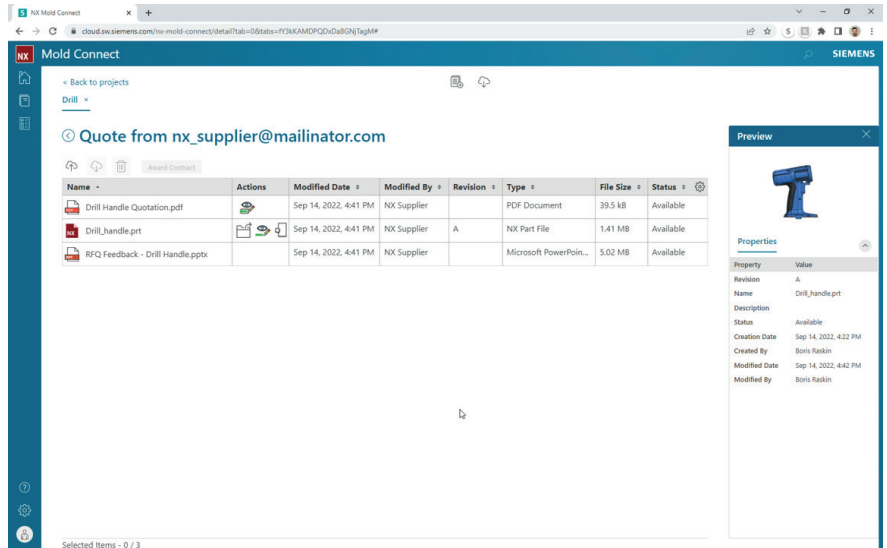
NX™ Mold Connect software is an online software as a service (SaaS) app that supports quick and easy collaboration and design manufacturability validation and accurate quote creation for injection molded parts. Manufacturers and suppliers can now work together more efficiently to speed up the quotation process.

Collaboration and communication

Mold making is a difficult and highly competitive business. Mold delivery times currently average 28 percent longer than originally estimated due to bottlenecks, poor designs, changes and product complexity. With NX Mold Connect, mold makers and original equipment manufacturers (OEMs) can seamlessly collaborate during the design phase in real time anytime, anywhere and on any device. Part designers and mold makers can review, mark up and share designs and files throughout the process in the browser-based SaaS app, speeding up the process and allowing for more accurate quotes.

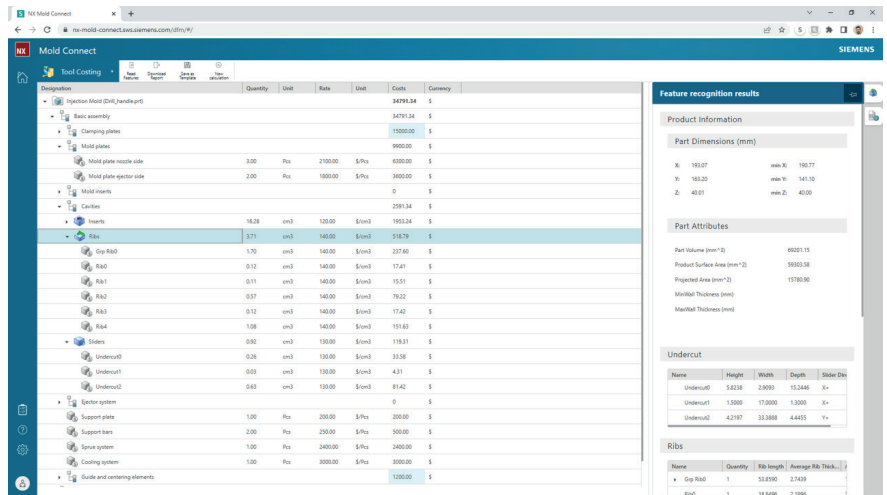
Features

- Design for manufacturability analysis and part design validation
- Tool costing and feature recognition functions
- Receive, compare and evaluate quotes
- Centralized location and process with seamless flow of data
- Full interoperability with NX



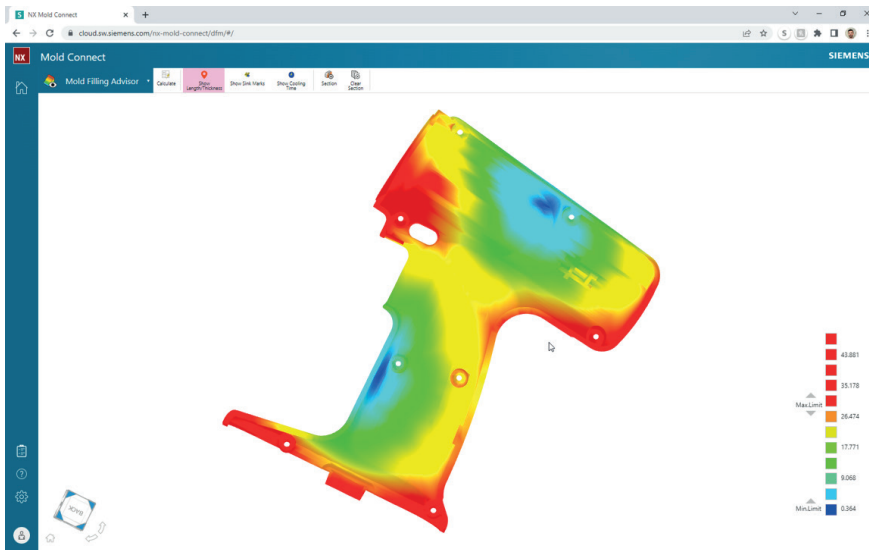
Simplified cost estimation and RFQ workflow

Mold-making costs average 27 percent more than estimated during bidding. With NX Mold Connect, cost estimates are improved and simplified. NX Mold Connect includes automated part feature recognition, which allows users to easily identify complex aspects of a design that will affect the final cost. When design requirements change and updates are made, feature recognition and tool costing functions make it easy to update the quote and bill-of-materials (BOM). With more accurate quoting, mold manufacturers are far more likely to be profitable. Meanwhile, part designers can receive and manage multiple quotes from different mold manufacturers.



Analysis and validation

Mold manufacturers can use NX Mold Connect to perform a design for manufacturing (DFM) analysis. The DFM tools are simple and available in one click. In addition to feature recognition, the app also includes geometry, wall thickness and mold filling analysis tools. These tools make it easy to identify design changes that could simplify the mold and reduce costs. Quick and easy validation reduces design risk and with DFM analysis built into NX Mold Connect, chances of rework after winning a bid are reduced and mold makers can avoid any negative cost surprises all while accelerating time-to-market.



All in the cloud

As a cloud-native app, NX Mold Connect is affordable because there is no high-end hardware requirement. With instant-on access, it can be used immediately. With full interoperability, a part designer can open files from NX Mold Connect directly in NX. Once edits are made in NX, files on the desktop are automatically synchronized to the cloud. This provides the highest level of security and intellectual property (IP) protection.

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