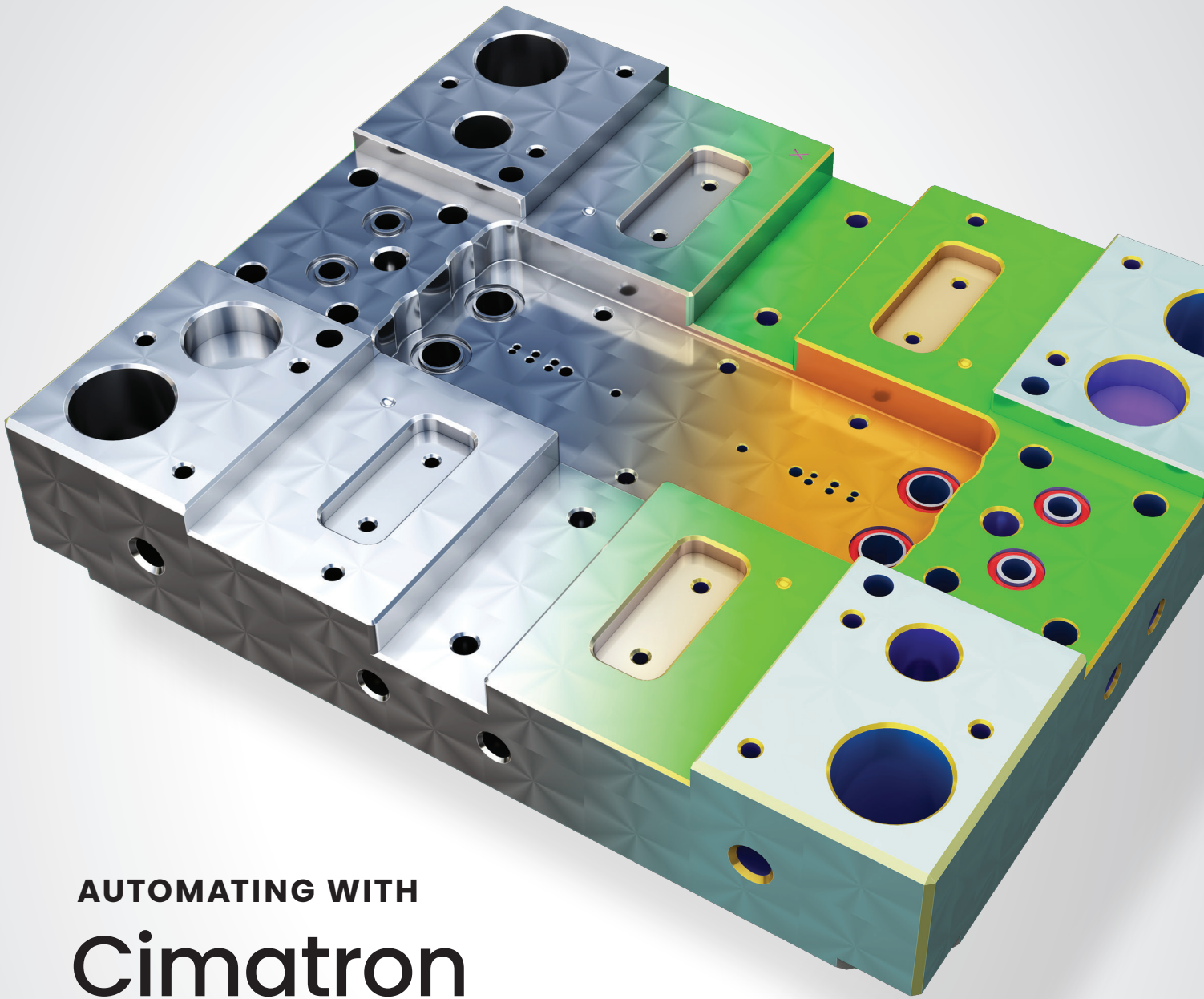




AUTOMATING WITH **Cimatron CAD-AI**

Cimatron CAD-AI is an AI-based technology that accelerates mold production by automating everyday CAD/CAM processes, including the detection of mold features like holes, pockets, slots, and fillets.

Cimatron CAD-AI

CAD-AI increases accuracy and efficiency by sharing feature geometry with Cimatron's CAM automation tools for the generation of safe and accurate CNC toolpath.

Enhanced automation

Automating everyday CNC programming tasks using reliable and repeatable data helps prevent errors and enables moldmakers to devote valuable time to more productive demands.

Improved efficiency

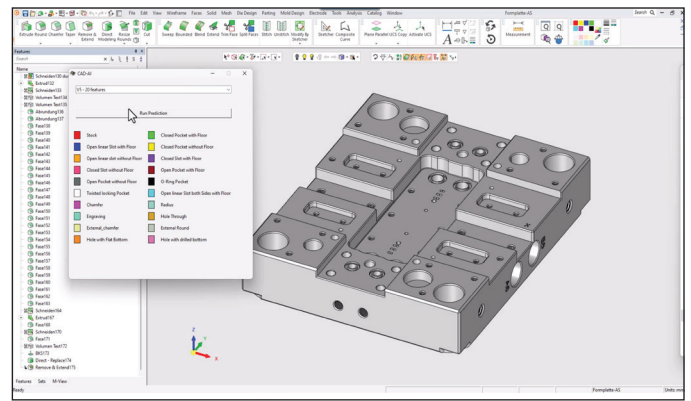
The automation of repetitive and error-prone design tasks increases efficiency by reducing mistakes while accelerating and simplifying workflow. Using reliable CAD data to generate accurate toolpath and efficiently drive CNC machinery supports improved machine utilization and reduces scrap.

Powerful visualization

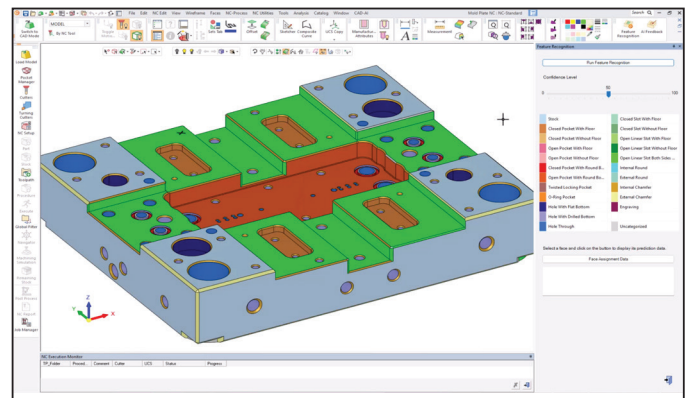
Powerful visualization tools provided by CAD-AI enable users to assign colors to CAD geometry for streamlined CNC programming automation. The seamless CAD/CAM integration provided by Cimatron is even more powerful with AI capability.

CAM programming automation

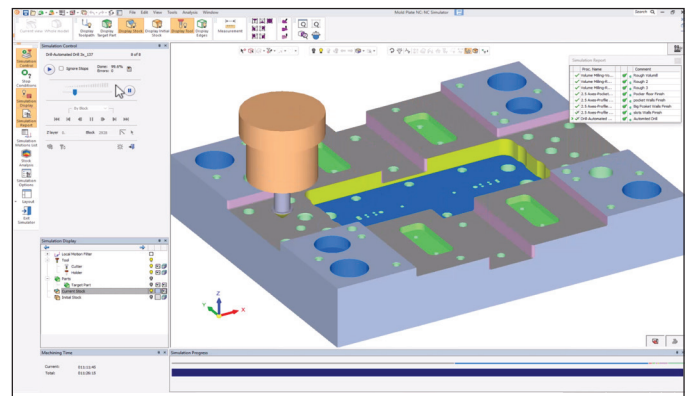
Feature detection by Cimatron CAD-AI helps automate the generation of the high-quality CNC toolpath needed to efficiently drive machine tools. The technology works in tandem with Cimatron's CNC machining templates for more efficient 2 ½-axis to 5-axis machining operations. Simply modify existing NC templates to work with the colors assigned by CAD-AI to automate toolpath generation based on your processes.



Before Cimatron CAD-AI



After Cimatron CAD-AI



NC Applied



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