

CimatronE

The Toolmaker's Choice — From Quoting to Delivery

What customers are saying...

"The CAD/CAM process is like a chain, and every link in the chain is important. For us, every part of the CAD/CAM chain is linked with CimatronE."

Francisco Cara, Dover, Spain

"Since we switched over to CimatronE, we've shortened our turnaround times, improved product quality and met tight deadlines on even our toughest jobs."

Henry Frederiksen, Oticon, Denmark

"Cimatron has everything we need for the whole process in one software solution. You can find good CAD and good CAM solutions, and they work fine as long as you use them separately. Cimatron lets you switch from one environment to the other, providing you the tools you need at the right stage of the process."

Fer Slenders, H&D Precision, The Netherlands

An Integrative Solution – From Quoting to Delivery

CimatronE meets and exceeds expectations at each and every stage of the design and machining process.

From mold and die quoting utilities that help you produce more accurate proposals in less time, through an automated mold design application, to advanced automated NC – CimatronE covers the entire scope of your business with no time-consuming data conversion.

Fully associative functionality means that changes made in one module are automatically reflected in all associated modules – raising accuracy, lowering human error, and boosting productivity.

Created by Toolmakers for Toolmakers

A world leader in CAD/CAM solutions since 1982, Cimatron knows toolmaking and toolmakers worldwide. We've taken the time to understand the needs of toolmaking professionals like you, and the latest version of our industry-leading, field-proven CimatronE solution reflects this commitment. CimatronE is an end-to-end solution optimized to deliver:

Faster time-to-market
Getting finished products out the door faster thanks to a smoother design iteration process, faster machine setup, and a user interface built for speed.

Increased productivity
The right combination of automation and full manual control enables designers and NC programmers alike to work faster and more efficiently, without sacrificing quality.

Ease of use
A short learning curve on one integrated tool allows your team to get up to speed quickly, for rapid return on investment.

Built-in change management
Built for concurrent engineering, CimatronE is fully associative – changes made in one module are automatically updated project-wide.

Expert implementation and customization
Committed to delivering the best solution for your business, Cimatron's professional implementation team ensures that your solution meets your processes and needs.

World-class customer support
Cimatron understands that for mission-critical systems, outstanding customer support is crucial. That's why our dedicated support engineers at local customer service centers worldwide, who are experienced tooling professionals like you, are standing by to help you when you need them.

About Cimatron

Cimatron (NASDAQ: CIMT) is a leading global provider of CAD/CAM software solutions to the manufacturing market. Cimatron enables mold, die and tool shops to optimize processes and shorten delivery times. From quoting to delivery, in the design room and on the production floor, Cimatron helps toolmakers stay competitive. More than

8,500 tool shops worldwide use Cimatron's leading CAD/CAM solutions to deliver quality products at lower costs and reduced cycle times. Cimatron's subsidiaries and extensive distributor network are located in over 35 countries to serve customers worldwide with complete pre- and post-sales support.

For more information, please visit our web site at:

www.cimatron.com



This document is for informational purposes only and is subject to change. © Copyrights 2005 Cimatron Ltd. All rights reserved. Cimatron, Cimatron E and the C logo design are trademarks of Cimatron Ltd. and are registered in the US Patent & Trademark Office. All other trademarks used herein are the property of their respective holders. Cimatron Ltd. is not necessarily associated with any other products or vendors mentioned herein.

EB 0505

- Best-in-class integrated tooling solution
- Intelligent automation with optimal user control
- Delivers superior quality while raising productivity
- Faster time to delivery



Redefining Cost-Effective Time to Delivery

Today's toolmaking world moves fast. Clients demand ever-higher levels of quality, with ever-shorter time to delivery. Design changes need to be handled swiftly at any phase of the tooling process – even during machining. And margins get tighter as competition gets tougher.

To maintain profitability, every minute of design, engineering, operation, and machining time is crucial. Time wasted in unnecessary setups, repetitive procedures, and time-consuming data conversions hurts your bottom line.

Cimatron Listens and Delivers

For over 20 years, Cimatron has been working with toolmakers worldwide – listening and integrating excellent ideas from professionals like you.

Like you, we understand that in today's tooling market, time to delivery can make or break a deal. Like you, we know that keeping overhead under control is key to survival.

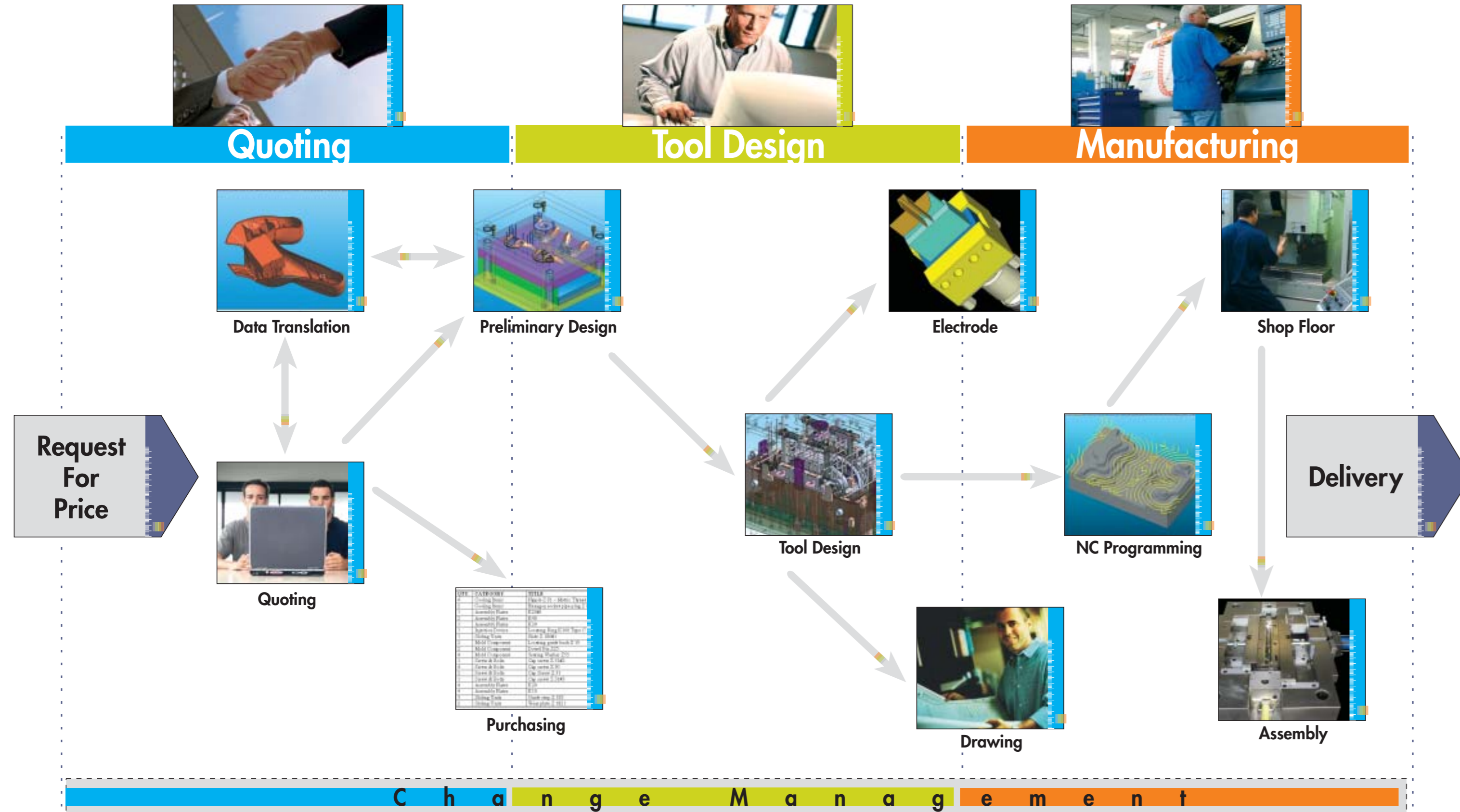
That's why we created **CimatronE**: the first fully integrated, end-to-end solution for toolmakers.

From quoting to delivery, and everything in between, **CimatronE** offers your shop faster time to market and uncompromising quality, while lowering overhead. Built with toolmakers like you in mind, **CimatronE** sets the industry standard for cost-effective time to delivery.



Toolmaking Process

Cimatron understands that the toolmaking process can be complex and time-consuming. Yet your customers are demanding shorter time to delivery, at competitive prices and superior quality.



CimatronE Solutions

With an integrative package, you benefit from tighter process control, better responsiveness to change and lower overhead. **CimatronE Streamlines the Process, from Quoting to Delivery.**

Quoting

Data Translation

- Reads and writes data to and from all leading proprietary formats including CATIA, UG, Pro/Engineer and Solidworks files
- Supports all standard formats including IGES, STEP, VDA, DWG and DXF

Quoting

- Quote more accurately based on real cost and quote history
- Supports the entire quote generation process – from import of part data, through part analysis and cost estimation
- Track successful versus unsuccessful quotes, and conduct win/loss analysis

Preliminary Design

- Unrivalled preliminary 3D design speed including mold base, layout, cooling and ejection systems
- Preliminary designs are easily changed – alternative solutions can be examined with no extra design overhead
- Automatic production of preliminary BOM (Bill of Materials), allowing materials ordering and initial machining before final design approval

Purchasing

- Automatic BOM creation speeds time-to-delivery, and allows early ordering of long lead items
- Includes highly-functional catalog tools for easy access to parts from all common part catalogs, such as Hasco, DME, Strack, Futaba, and Misumi

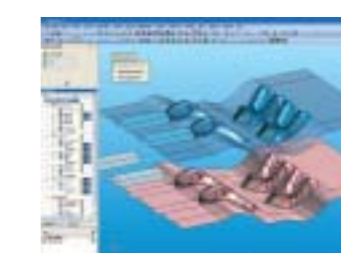
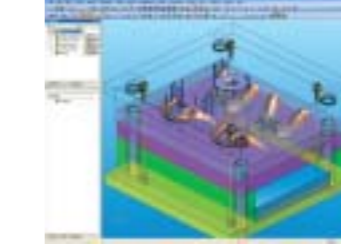
Tool Design

Optimized Parting

- Advanced set of analysis and design tools optimize the cavity design process
- Support for all mold layouts, including multi-cavity and family molds; handles complex parts with thousands of surfaces
- Analysis of draft angles and undercuts, assignment of surfaces to different opening directions and parting simulation for each part
- Dedicated design tools provide the flexibility needed for active part design, including special surfacing tools for advanced parting surface design

Mold Design

- Complements the knowledge and experience of designers, offering the right combination of automation and hands-on decision-making power
- Includes all the applicative tools that designers need to get the job done right the first time
- Delivers quality results with unprecedented speed



Drawing

- Ideal drafting application for toolmakers includes all tools necessary to create drawings from 3D models
- Creates views and sections out of both closed and open models
- Saves time and resources using smart templates, pre-defined preferences and data extracted from 3D models

Electrode Design

- Widely recognized as the best electrode application in the industry
- A comprehensive set of tools automates the electrode design process
- Accelerates analysis, extraction, creation, manufacturing and documentation of electrodes

Tool Manufacturing

EDM Set-up

- Direct transfer of data to the EDM machine eliminates operator errors and expedites the EDM setup process
- Full control over parameters at the component, electrode and individual location level
- Supports and displays machine-specific parameters for leading machine manufacturers, including AGIE, Mitsubishi, Ingersol, Makino and Charmilles

NC Programming

- Complete solution from 2.5-axis to continuous 5-axis, from micro-milling to large bumpers
- Minimal programming time – the right combination of automation with deep user control
- Optimized tool paths lower machining time and reduce tool wear-and-tear
- Superior surface quality

Shop Floor – NC Lite

- Easy to learn and easy to use shop floor solution
- Unique user-defined automation
- Incorporates the full power of CimatronE, and is ideal for both novice and advanced users

Assembly

- Built-in model viewer allows assembly department to work against 3D CAD model – without waiting for drawings
- Easily-manipulated model "explode view" speeds assembly process

