

The Power of TDM Systems

Who we are

We are TDM Systems.
Pioneer, innovation driver, expert

Over 25 years ago, we developed the first generation of tool management software for machining companies. We understand the processes of our customers, which is why our solutions lead specifically to more productivity and added value. Since TDM Systems is completely at home in the tool industry and in digitalization, with its current TDM Global Line software series, TDM Systems offers the only innovative and technically high-performance solution for your company-wide digital tool management.

How do you manage your tool data?

The Power of Software

TDM Global Line

Harmonized tool data to network your systems
A central database with optimal tool data forms a very important part of the added value between planning and manufacturing systems. Thanks to TDM Global Line and intelligent interfaces, you can create a basis for uniform, harmonized tool data that can be used in the systems of machining companies. The data is NC-ready and can be used simultaneously in different CAM systems. In addition, TDM Global Line offers solutions for the provision of simulation-ready 3D tool models.

Excellent productivity through 100% machine utilization
In order to achieve your productivity goals, properly selected and scheduled tools are essential. The real cutting parameters and maximum running times achieved for each tool assembly are stored in TDM Global Line. You can optimize your tool planning and usage, thus reducing setup times to a minimum.

Implement agile production
As a central know-how database, TDM Global Line is an important component of agile production. With available data, you can react fast and flexibly to changing market situations. New products can be safely planned, simulated and brought to the machine by simple tool selection. The processes remain safe even when changes are made. Available tools and the identification of alternatives prevent downtimes and increase your responsiveness.

Knowledge transfer with global performance
International manufacturing companies need solutions to transfer defined standards to other plants, to network production units and to pool expertise. TDM Global Line makes it possible to set up a central tool management system that can be used worldwide thanks to high-performance technology. Both its modularity and horizontal scalability enable the application to grow in accordance with demand. Therefore, TDM Global Line is suitable for small contract manufacturers as well as for international manufacturing corporations.

Intuitive handling
Using TDM Global Line is fun and sets new standards in the field of manufacturing software. The intuitive, modern and adaptive user interface is easy to understand and users quickly learn how to use the software. Flexible widgets, informative reports and dashboards as well as individual configuration options make for an efficient application. The daily benefit for each individual is enormously high, enabling you to work more productively than ever before.

Digitalizing tools with TDM know-how
When introducing a tool management system, the first important step is tool data creation. TDM supports you with unrivalled software tools: The TDM WebCatalog contains the current catalogs of leading tool manufacturers – digitalized and ready for NC-use, including 2D & 3D tool graphics. In addition, there are check functions for data completeness, applications for 2D or 3D graphics processing and automated data creation. Digitalization is based on data – you benefit from 25 years of tool data expertise from TDM Systems.

The Power of Innovation

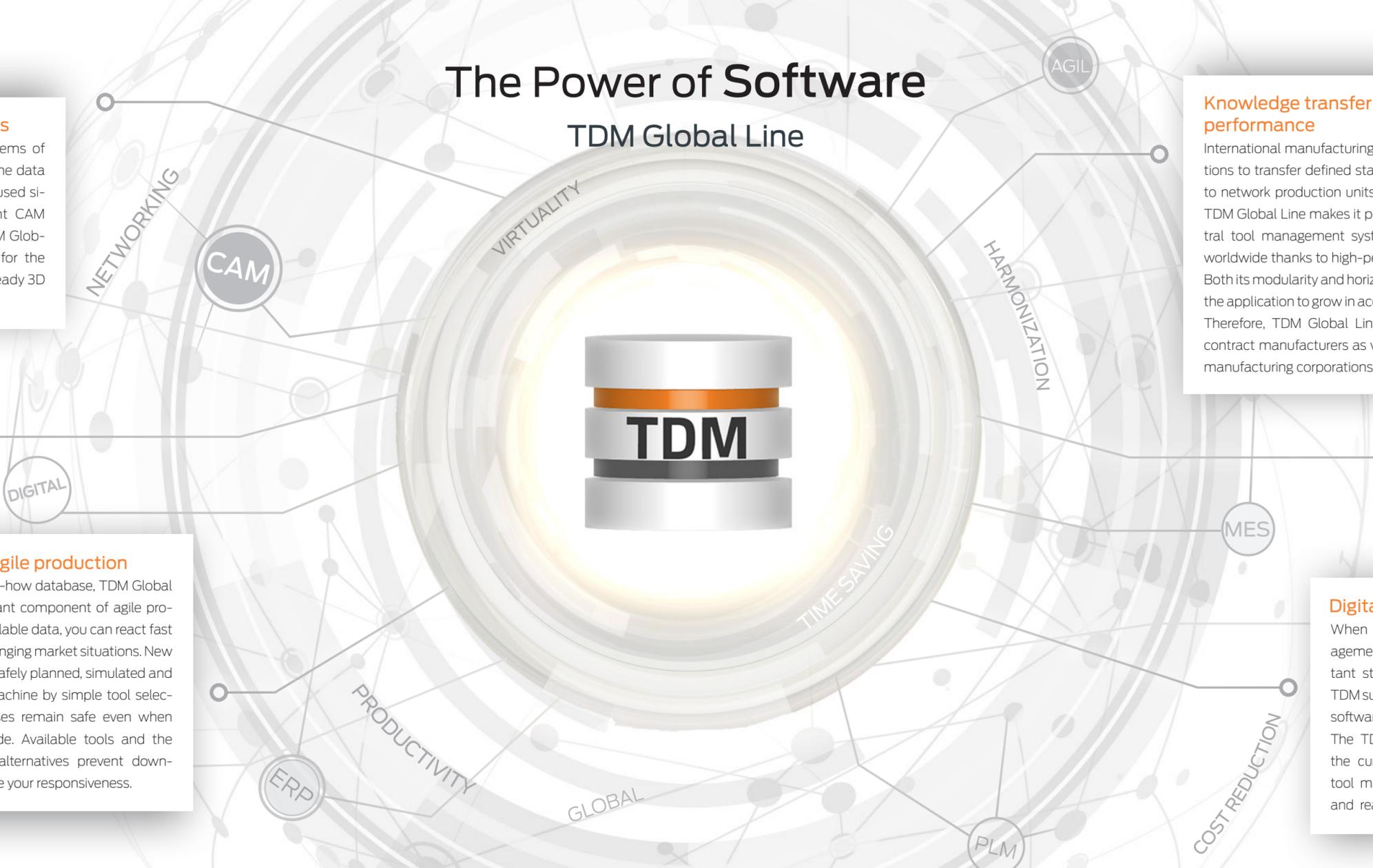
Highlights & benefits

20% reduction in tooling costs:
• Transparent and optimized crib inventory
• Reduction of tool variety

30% reduction in machine downtimes:
• The right tool in the right place at the right time
• Correct tool data for machining

Optimized production planning:
• Complete integration in ERP, MES, CAM and simulation
• Optimum tool selection right from the start

Efficient processes in the toolroom:
• 50% increase in tool utilization
• Maximum transparency of tool inventories



The Power of Information The Power of Software

Lower costs – higher productivity

Customers from a range of industries achieve savings of millions of euros with TDM. You too can discover and realize comprehensive savings potentials with TDM Tool Management.

Greater transparency

As transparent information is provided in a central database, all areas use the same data. No information is lost, there is no redundant data, and easy data access reduces time and costs.

Shorter lead times

Reduce your capital commitment with short lead times and convert incoming orders into sales revenues promptly. TDM supports your processes and organizes tool circulation.

Improved flexibility

Markets and products are constantly changing. Increase your competitiveness through flexible production and agile processes.

Collaboration through networking

As a central database, TDM networks the individual areas of planning and production as well as the people behind them. Information flows, processes improve and cooperation between business areas deepens. For more success and productivity.

Quality and knowledge assurance

All relevant production parameters, as well as varied, comprehensive information about tools, are used in machining to achieve high quality. TDM secures these parameters, brings them into the systems and increases know how through data return flow.

tdmsystems

The Power of Smart Manufacturing

TDM Global Line – New solutions for your tool management

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