

TDM Release 2026 sets the new standard for digital shop floor data management

Automated data transfer, mobile applications, seamless connectivity

- Standardized Interface TDM Machine Data Connector
- TDM ScanEasy – mobile barcode scanner solution
- Better tool logistics with Interface TDM – CRIBWISE
- TDM NC WebTransfer – mobile, browser-based provision of approved NC programmes
- Interface Data Exchange external calibration systems

Tübingen, February 5th, 2026 - With the new TDM Release 2026, customers can take data management on the shop floor to a whole new level, with automated data flows to the machine and even more processes that are fully digital and mobile.

The **TDM Release 2026** features automatic and seamless data transfer the machine using a standard connection, without interruptions or intermediate manual steps. In addition, mobile apps enable quick access to data and tasks directly in the machine and tool crib environment, whereby tools can be booked directly to cost centres via barcodes and NC programmes are accessed on the go.

The main highlight of the 2026 release is the new **standardized Interface “TDM Machine Data Connector”**, that further supports and accelerates the automation on the shopfloor. TDM already had several dedicated solutions in place, but the new standardized machine connection from TDM can work with most current machine controls on the market. The interface already works with Heidenhain machine controls, and with Siemens and Fanuc controls as of mid-2026. This means that all tool-related information, from master-data to wear values, flows bidirectionally and without manual intervention, independent of the control system in use. This gives full transparency, allows for forward-looking planning and results in significantly higher productivity.

TDM ScanEasy, the mobile barcode scanner for the shop floor, now supports all tool crib processes and inventory, as well as quantity bookings. The significantly simplified workflows result in faster and more efficient management of items on the shop floor. In addition to querying item information, TDM ScanEasy now allows for mobile booking of tools in any situation, at the workplace or at the machine, while the new dynamic search function displays suitable item suggestions for selection after entering just a few letters.

One of TDM's biggest advantages is its high level of integrability and connectivity with other systems. As of Release 2026, **TDM** software can communicate with the **CRIBWISE**

(Sandvik) manufacturing inventory management system. This includes the exchange of component data, synchronized inventories and stock postings, which can be booked in either system. By using TDM and CRIBWISE, TDM-users can implement automated ordering processes and a transparent warehouse structure for consumable tools. And thanks to the systems' synchronization, both systems are always up to date.

A new feature in TDM's Integrated NC Program Manager is the **TDM NC Web Transfer** that enables mobile, browser-based provision of approved NC programmes. These can be available in machine-related directories for further use or transferred back after optimization on the machine. This saves time, creates greater transparency in the machine environment and increases the usability of the TDM Integrated NC Program Manager.

As calibration and testing of measuring and calibration equipment is often conducted by external suppliers, the resulting data may not be immediately available to users of the TDM Gauge and Calibration Management Module. By transferring the calibration data from external systems, users can optimize this process as well as their measurement and test equipment management.

TDM Release 2026 also offers **comprehensive new features for data entry and maintenance**. This ensures the efficient processing of mass data for components and complete tools, with easy conversion from inches to metric and vice versa, automatic collision data generation for large amounts of data, deletion of graphics or data in specific fields, optimised measurement of graphics and simplified assembly of complex tools.

"With the TDM Release 2026, we are taking the next step towards consistent digital tool management across the shop floor," said Matthias Gröger, Head of Product TDM at TDM Systems. *"Our focus is not only to manage tool data digitally, but also to ensure the entire system is even better connected. For our clients this means higher productivity, less downtime and machines that operate to their full potential."*

About TDM Systems

For over 35 years, TDM Systems GmbH, Tübingen has been the leading provider of tool management solutions in the area of machining. TDM Systems focuses specifically on process optimization through optimal tool planning and provisioning. Creating and editing tool data and graphics, integrating tool expertise and 3D graphics into the CAM engineering, and organizing the complete tool circulation at the shopfloor level are the three core competencies of TDM Systems. TDM Systems is part of the Tool Flow Solutions Division within the Sandvik Group.

Images



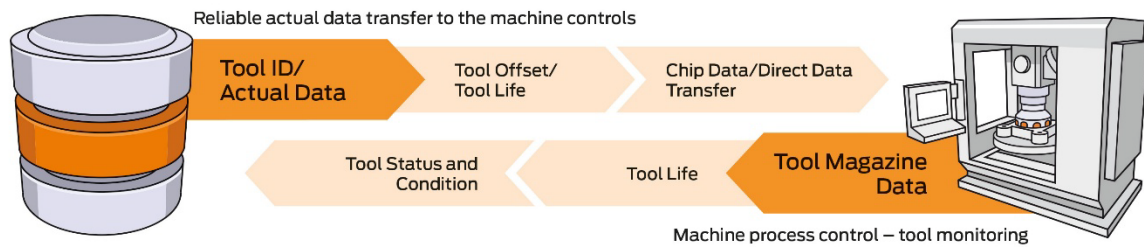
Caption
Matthias Gröger, Head of Product TDM, TDM Systems

TDM database

Central tool data management

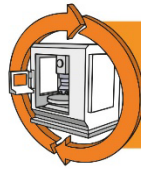
Production

Where the tools are used,
tool requirements and wearage



Caption

The two essential scenarios of the Interface TDM Machine Data Connector are reliable data transmission and continuous tool monitoring.



Interface TDM Machine Data Connector

Web service via application server
with REST API for TDM MDC connection



HEIDENHAIN

ITNC 530
TNC 640
TNC 7 (next)

SIEMENS

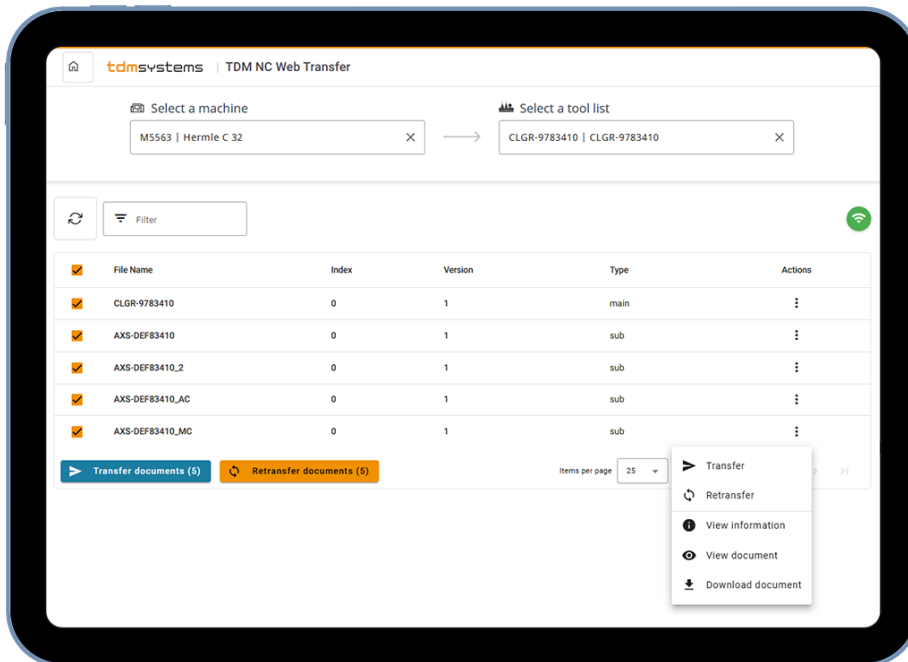
S840 Dsl
Sinumerik One
Siemens840 Pl (next)

FANUC

16i, 18i, 21i,
30i, 31i, 32i

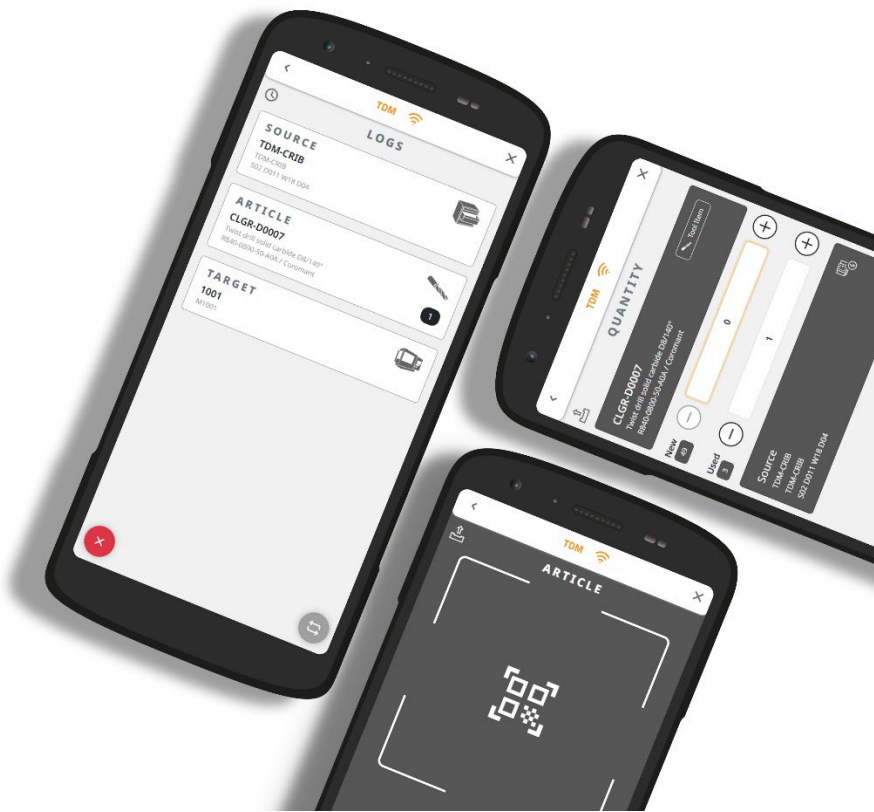
Caption

The **TDM Machine Data Connector** interface's availability will initially be limited to selected Heidenhain controls, with Siemens and FANUC controls to follow shortly.



Caption

The TDM_NCP_Web Transfer to transfer, view and retransfer of released NC programs directly in the machine environment.



Caption

TDM ScanEasy warehouse processes and easy mobile bookings of tools create a completely new efficiency for tool crib management processes.

(All images TDM Systems)

Note for editors (Not for publication)

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