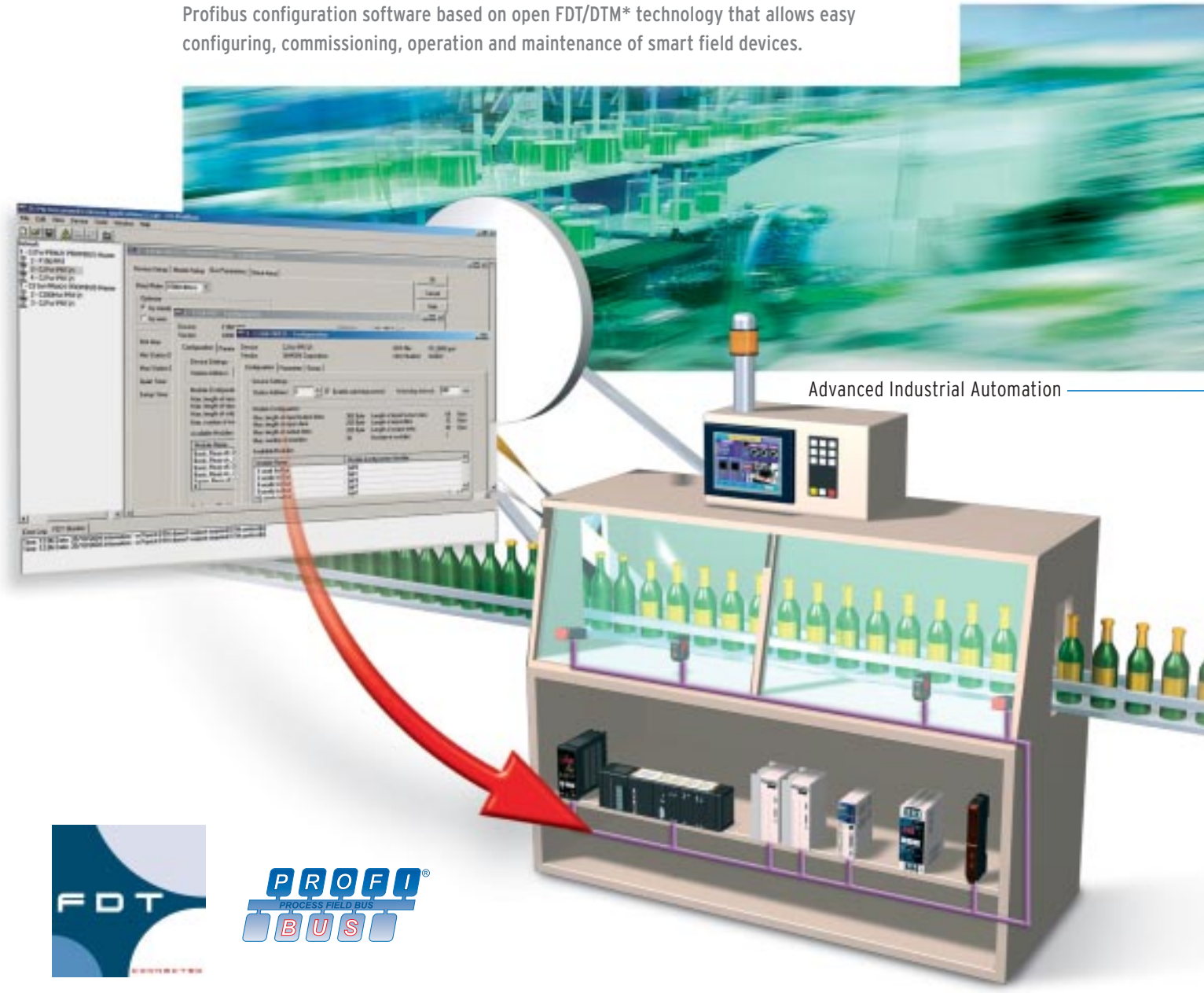
Smart connection to intelligent Profibus devices

Profibus configuration software based on open FDT/DTM* technology that allows easy configuring, commissioning, operation and maintenance of smart field devices.



Omron recognises that many advanced machines require specialised and often complex devices from diverse manufacturers to be used to achieve the desired machine functionality. Previously solutions required the use of specific 3rd party stand-alone software to configure, operate and maintain these devices, even when they are installed and working on the same Profibus network. CX-Profibus allows all of this advanced functionality to be included inside the Profibus configuration software using open FDT/DTM* technology. This technology enables control system manufacturers to provide customers with an optimised display of all functions and data.

One software suite

CX-Profibus is integrated within the Omron suite of CX-software. This suite of software uses a common communications platform, CX-Server, to allow a single point for programming, configuring or monitoring a complete machine. This single connection point can be either a local serial or network connection, but can also be a wireless 'Bluetooth' connection or modem connection.

* Field Device Tool and Device Type Manager.

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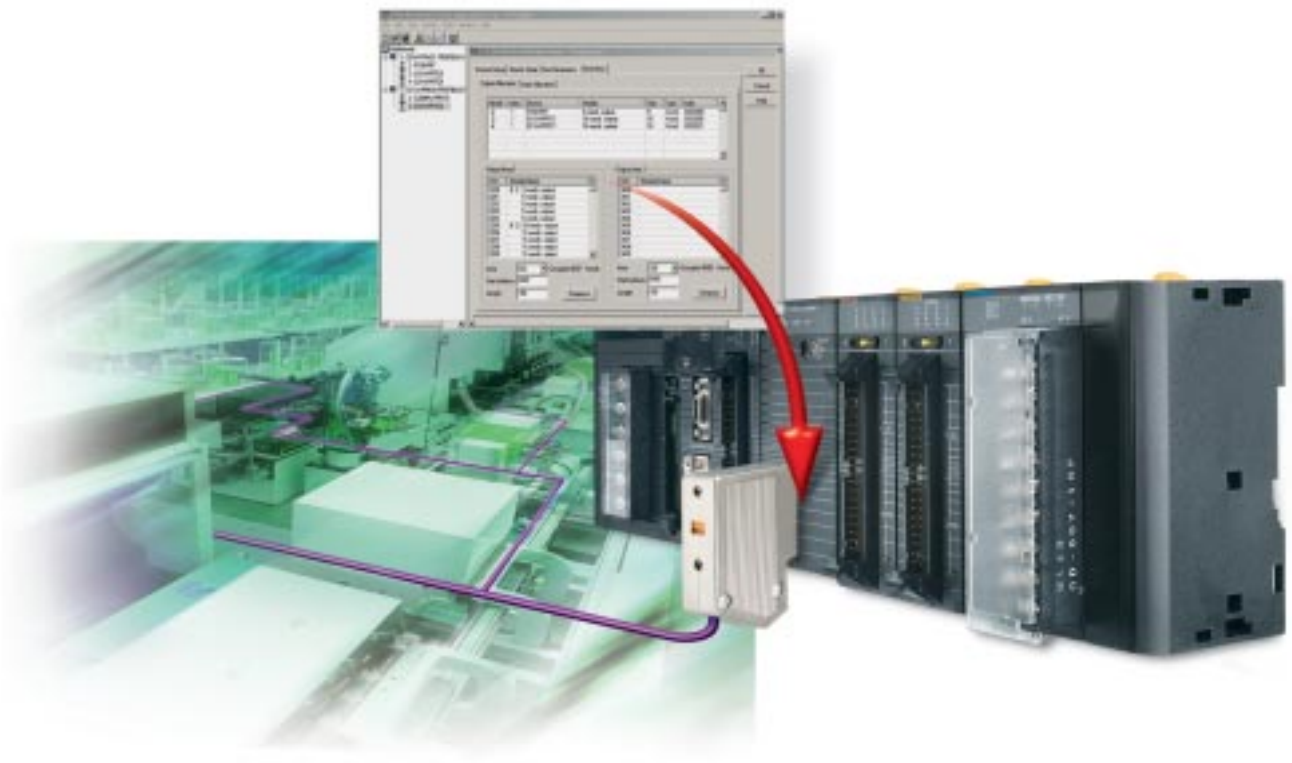
More about FDT/DTM

FDT/DTM provides a standard for interfaces between an engineering tool such as Omron's CX-Profibus and software components that support the field device. The core of the concept is the DTM, a software component that can be used in all software tools supporting the FDT human interface. The DTM is the configuration and management component for a field device. It contains all configuration information, diagnostics, maintenance information and even graphical user dialogs of the specific device, and is very easy to load into Omron's CX-Profibus.

Support of both GSD files & DTMs

Most of the current Profibus-DP slave devices are supplied with a GSD file. Omron's CX-Profibus uses DTMs for configuration and diagnostics. To be able to support devices that do not come with a DTM yet Omron has developed a special Generic Slave DTM. The Generic Slave DTM reads the existing GSD file and converts it into a DTM that is supported in CX-Profibus. This DTM then provides the user interface to display the device's information as defined in the GSD. Additionally, this DTM provides a diagnostics interface to the user.
This feature protects your previous Profibus investments, whilst allowing you to use the latest technology at the same time!



Ordering information

Product Name	Product Description
CX-Profibus	Configuration software for Omron Profibus networks