



## i TF2000 | TC3 HMI Server

The TC3 HMI Server is a modular web server that provides the human-machine interface (HMI). It supports all CPU classes from ARM to multi-core. The powerful architecture enables a wide range of application scenarios from local panel solutions to multi-client, multi-server and multi-runtime concepts.

All that is needed to start an HMI Client is an HTML5-capable browser, which is available for all major operating systems. Accordingly, clients can run on PCs as well as on mobile devices such as tablets and smartphones. Whatever the platform, security is of the utmost importance, which is why the data traveling between client and server is encrypted. The integrated user management features a configurable user rights system that can be linked to the user's own IT infrastructure.

The HMI is linked to respective controllers via automation protocols like the Automation Device Specification (ADS) or OPC UA.

The HMI Server can be extended with so-called server extensions like an alarms & events system or a recipe management system. Server extensions can also be developed in C++ or .NET with a software development kit, which allows users to develop their own logic and implement additional communication protocols.

The TC3 HMI Server includes a connection to one client (browser) and a connection to one controller as standard.



Technical data	TF2000
Required	TC1000
Target system	Windows 7/8/10, Windows CE

Ordering information	
TF2000-0020	TC3 HMI Server, platform 20 (Economy)
TF2000-0030	TC3 HMI Server, platform 30 (Economy Plus)
TF2000-0040	TC3 HMI Server, platform 40 (Performance)
TF2000-0050	TC3 HMI Server, platform 50 (Performance Plus)
TF2000-0060	TC3 HMI Server, platform 60 (Mid Performance)
TF2000-0070	TC3 HMI Server, platform 70 (High Performance)
TF2000-0080	TC3 HMI Server, platform 80 (Very High Performance)
TF2000-0081	TC3 HMI Server, platform 81 (Many-core 5...8 cores)
TF2000-0082	TC3 HMI Server, platform 82 (Many-core 9...16 cores)
TF2000-0083	TC3 HMI Server, platform 83 (Many-core 17...32 cores)
TF2000-0084	TC3 HMI Server, platform 84 (Many-core 33...64 cores)
TF2000-0090	TC3 HMI Server, platform 90 (Other)
TF2000-0091	TC3 HMI Server, platform 91 (Other 5...8 cores)
TF2000-0092	TC3 HMI Server, platform 92 (Other 9...16 cores)
TF2000-0093	TC3 HMI Server, platform 93 (Other 17...32 cores)
TF2000-0094	TC3 HMI Server, platform 94 (Other 33...64 cores)



**Product announcement**

Available | Windows CE: estimated market release 4th quarter 2018