

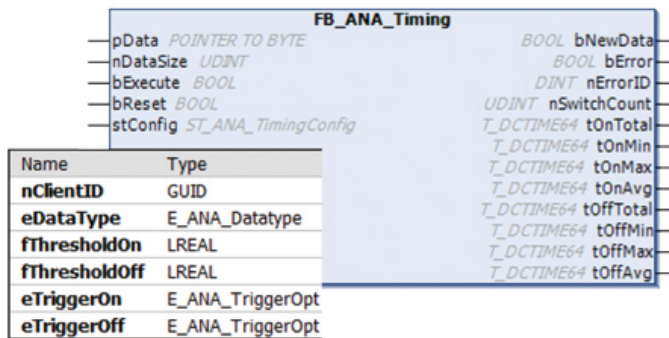


## i TF3510 | TC3 Analytics Library

The TC3 Analytics Library is a PLC library with analytical functions for process and application data. It can be run locally on the target system or on an analytical system that is linked to the cloud.

The library contains function blocks for cycle analysis with minimum, maximum and average cycle times. It also contains function blocks for threshold value monitoring and is able to document the number of threshold value violations. Other function blocks analyse signal amplitudes and store indicators like maxima and minima.

The library makes it easy to analyse fault conditions as well as certain states of a state machine. In combination with the TC3 HMI, easy-to-use machine dashboards can be developed that process and display valuable information for operators and service technicians.



Technical data	TF3510
Required	TC1200
Target system	Windows 7/8/10

Ordering information	
TF3510-0030	TC3 Analytics Library, platform 30 (Economy Plus)
TF3510-0040	TC3 Analytics Library, platform 40 (Performance)
TF3510-0050	TC3 Analytics Library, platform 50 (Performance Plus)
TF3510-0060	TC3 Analytics Library, platform 60 (Mid Performance)
TF3510-0070	TC3 Analytics Library, platform 70 (High Performance)
TF3510-0080	TC3 Analytics Library, platform 80 (Very High Performance)
TF3510-0081	TC3 Analytics Library, platform 81 (Many-core 5...8 cores)
TF3510-0082	TC3 Analytics Library, platform 82 (Many-core 9...16 cores)
TF3510-0083	TC3 Analytics Library, platform 83 (Many-core 17...32 cores)
TF3510-0084	TC3 Analytics Library, platform 84 (Many-core 33...64 cores)
TF3510-0090	TC3 Analytics Library, platform 90 (Other)
TF3510-0091	TC3 Analytics Library, platform 91 (Other 5...8 cores)
TF3510-0092	TC3 Analytics Library, platform 92 (Other 9...16 cores)
TF3510-0093	TC3 Analytics Library, platform 93 (Other 17...32 cores)
TF3510-0094	TC3 Analytics Library, platform 94 (Other 33...64 cores)



**Product announcement**

estimated market release 4th quarter 2018