



T1 Version 2.1

Version 2.1 of **T1** comes with a set of new and powerful features. Most importantly: T1 now offers **Stack Analysis** combining the best of two worlds: static analysis (analysis of the binary) and dynamic analysis (on-target and at run-time).

FEATURE	RELATED T1 COMPONENT	AVAILABLE IN T1 VERSION			
		1.5	1.6	2.0	2.1
Highly efficient scheduling tracing	T1.scope	✓	✓	✓	✓
User defined stopwatches/events	T1.scope/cont	✓	✓	✓	✓
Offline timing analysis	T1.scope	✓	✓	✓	✓
On-target timing analysis	T1.cont	✓	✓	✓	✓
Full automation (e.g. for HIL tests)	T1.test	✓	✓	✓	✓
Supervision of timing constraints	T1.scope/cont	✓	✓	✓	✓
No target HW modification required	all	✓	✓	✓	✓
Online load injection	T1.delay	✓	✓	✓	✓
Basic online code instrumentation	T1.flex	✓	✓	✓	✓
Extended online code instrumentation	T1.flex		✓	✓	✓
Focused measurements	T1.cont		✓	✓	✓
Improved online CPU-load analysis	T1.cont		✓	✓	✓
Basic overhead consideration	T1.cont		✓	✓	✓
Statistical analysis	T1.scope			✓	✓
Timing comparison between versions	T1.diff			✓	✓
AUTOSAR 4.0 Timing Extensions	T1.scope/cont			✓	✓
Functional groups	T1.scope/cont			✓	✓
Trace compare	T1.scope			✓	✓
Multicore support	all			✓	✓
Extended overhead consideration	T1.cont			✓	✓
Online runnable instrumentation	T1.flex			✓	✓
Extended T1.flex features	T1.flex			✓	✓
Data Access Inspector	T1.flex			✓	✓
User data in Traces	T1.scope			✓	✓
Safe OS support	T1.scope			✓	✓
Static <i>and</i> dynamic Stack Analysis	T1.stack				✓
Super accurate results for small functions	T1.cont				✓
Improved software sharing support (OEM↔Tier1)	all				✓
Automatic overhead calibration	T1.scope/cont				✓
Support of more export formats	T1.scope/cont				✓
Support of more than one ELF file	all				✓

**NEW
Features**

Check out the **News** section on www.gliwa.com for details on the new features!