

Description (D2000 KomAPI)

D2000 KomAPI - interface description

Protocol dynamic link library (.DLL) exports a set of functions, which are called by the process [D2000 KOM](#). The list of all the exported functions is shown in the following table with the brief description.

On Linux platform, the dynamic library extension is different (.so), and the function names are without underscore and size specifications (e. g. Init instead of _Init@4).

Function name	Requirement	Meaning
_Init@4	Required	The function called after DLL dynamic import.
_ReadAllPoints@4	Optional (recommended)	Reading of values of all station I/O tags.
_ReadStoredData@28	Optional	Reading of historical values of station I/O tags.
_ReadPointValue@8	Optional	Reading of I/O tag value.
_WritePointValue@16	Optional	Writing of a new I/O tag value.
_InitStation@4	Optional	Definition of new station parameters.
_DeleteStation@4	Optional	Station deleted.
_TimeSynchroStation@4	Optional	Station real time synchronisation.
_InitPoint@12	Optional	Definition of new I/O tag parameters.
_DeletePoint@4	Optional	I/O tag deleted.
_ConfigDone@4	Optional	Calling the definitions of station and its I/O tags is done.
_PointsApplyBack@8	Optional	Response to calling the call-back procedure PointsApply .
_StationsApplyBack@8	Optional	Response to calling the call back procedure PointsApply .
_ExitProc@0	Optional	Called when stopping D2000 KOM.
_ExitProcWithLnPar@4	Optional	Called when stopping D2000 KOM.
_RdStatusChanged@4	Optional	Called when switching the redundancy or changing the instance of D2000 KOM.

Note

All the used KomAPI functions and procedures (including call-back functions and internal tasks) require the *Stdcall* call convention on Windows platform.



Related pages:

[D2000 KomAPI](#)