

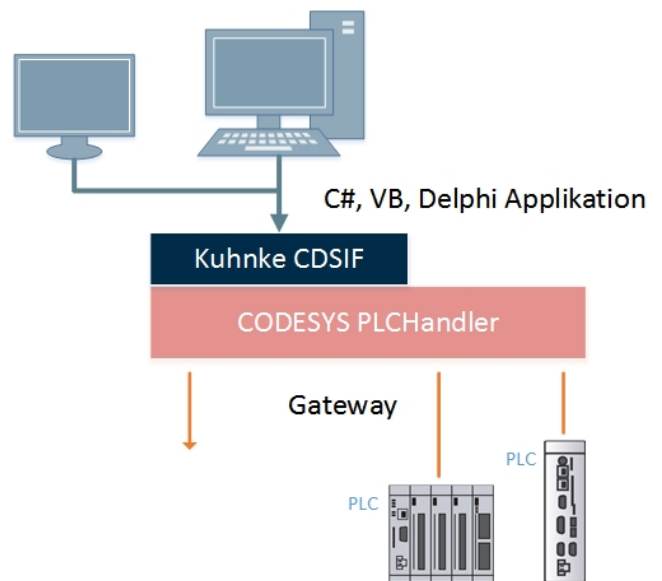
Kuhnke CDSIF

## Communication interface

The CODESYS System Interface (CDSIF = CODESYS-System-Interface) consists of several DLL's and enables a simple data exchange between a "modern" programming language like Visual Basic, C, C++, C#, Pascal and Java as well as with MS Office (Excel), SCADA systems, LabVIEW or similar on one and a CODESYS V2.3 and V3.5 based device.

The CDSIF.DLL is a wrapper software and encapsulates the C++ classes of the PLCHandlerDII.DLL into simpler functions.

Via the CDSIF.DLL an application can build up max. 32 communication channels at the same time. Different communication channels (LAN, serial etc.) can be used.



### Features & Benefits

- Connecting and dismantling.
- Read all variables available in the controller (browsing).
- Synchronous reading of integer and rational data types.
- Synchronous writing of integer and rational data types.
- Synchronous reading of strings, arrays and structures.
- Synchronous writing of strings, arrays and structures.

Technical data	Kuhnke CDSIF
Function	Communication interface for data exchange with CODESYS controllers
Operating system	Windows XP - 10
Provision	Installation program for Windows
Integrated functions	Plant wide visualization of process data on remote systems
Communication channels	ARTI (Asynchronous Runtime Interface), GATEWAY, Simulation
Applications	High-Level-Language (HLL) like Pascal, VB.NET, C++, C# and MS Office (Excel), SCADA systems, LabVIEW
Tools	Connection control, read device information

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