

ERPConnect.net vs. SAP® .NET Connector

The following issues are based on ERPConnect 1.4 and SAP .NET Connector 2.0.

	SAP® .NET Connector	ERPConnect.net
Technical Aspects	With the help of a wizard proxy classes are generated and used by a main program	The object hierarchy is created dynamically at runtime or can be loaded by using an XML file.
Design	<ul style="list-style-type: none"> • The proxy classes can only be changed at design time. • All function modules must be exactly known at design time and cannot be changed at runtime. • Does not support optional parameters. • Needs Java runtime 	<ul style="list-style-type: none"> • Because of the generic creation, function modules can be called in SAP releases which are not known at design time. • Optional parameters do not appear in the code.
IDE	<ul style="list-style-type: none"> • Needs Visual Studio 2003 • Supports only C# and VB. 	<ul style="list-style-type: none"> • Supports every known IDE (e.g. Eclipse or SharpDevelop are also supported) • Supports all .NET languages (e.g. Delphi.NET)
IDocs	The classes for sending and receiving IDocs only work on the basis of planar text streams.	<ul style="list-style-type: none"> • Special object / class hierarchy for constructing, sending and receiving IDocs • Supports saving IDoc data and structure to disk. The schema files can be generated with the schema generator tool which is included in the installation package.
Recurrent tasks	Every function module must be generated separately	There are several special classes for recurrent tasks (e.g. reading SAP tables, executing batch input transactions ...)
Licensing issues	<ul style="list-style-type: none"> • Available only for SAP customers with a developer license • Component must not be delivered • Source code is not available 	<ul style="list-style-type: none"> • License fee is charged per developer • Can be delivered to customers without additional fees. • Source code license available
Support	<ul style="list-style-type: none"> • Normal SAP support • English documentation 	<ul style="list-style-type: none"> • Good support with a reaction time of 12 hours • Documentation available in English and German
.NET 2.0	Does not support Visual Studio 2005 and .NET 2.0	Supports .NET 2.0
Mobile Devices	No special support for mobile devices	<ul style="list-style-type: none"> • Special Pocket Version • Several sample programs and documentation