

Engineering Tools

# VisiWinNET®





### Product information

With the ever increasing complexity of machines, it is hard to imagine many modern installations without object-oriented systems for process visualisation. Visualisation or a human machine interface (HMI) – this is the interface between operators and machines. Visualisation applications are responsible for these tasks. The scope of requirements that these systems must meet is as diverse as the machines themselves. It ranges from machine-oriented HMIs for operator control + monitoring, all the way up to complex SCADA systems with the various stations as client or viewer. Support for all languages and fonts in unicode also secures the international application range of the system.



Based on the target system on which the VisiWinNET application is to run, various versions of the VisiWinNET runtime software can be used. The runtime software running on the target system has an influence on which version of the engineering software is required. Within the scope of Controller-based Automation, VisiWinNET® compact CE is used exclusively here.

In connection with industrial PCs from Lenze, advanced options are available when selecting the operating system and runtime software.

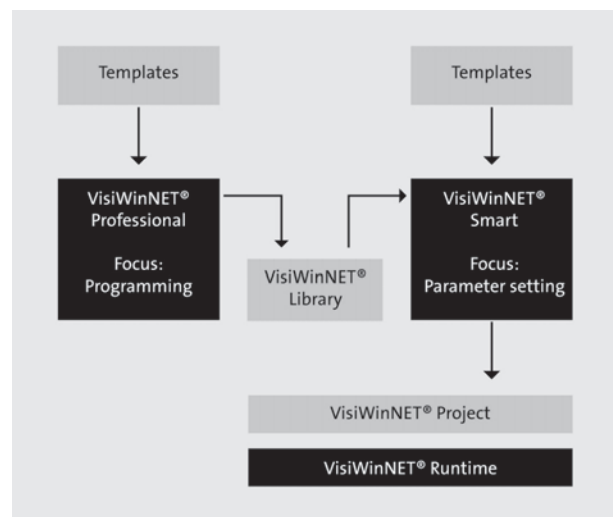
VisiWinNET® is available in two completely independent versions to allow different tasks to be performed independently and as effectively as possible.

#### VisiWinNET® Smart

VisiWinNET® Smart is a user-friendly visualisation system for basic interface design. As a flexible piece of software, it is particularly well suited to creating basic applications. VisiWinNET® Smart has its own integrated full-graphic development environment and supports users with predefined templates. One special strength of the system lies in its ability to be combined with VisiWinNET® Professional. VisiWinNET® Smart is used for machine-oriented applications and for basic B&B applications.

#### VisiWinNET® Professional

The VisiWinNET® Professional system is fully integrated into the Microsoft® Visual Studio .NET development environment. The special efficiency of L-force Visu VisiWinNET® really comes to the fore when VisiWinNET® Smart and Professional are combined. VisiWinNET® Professional can be used to develop specific machine modules and control elements, which are then integrated in Smart using the VisiWinNET® Configurator for further processing. Further fields for which VisiWinNET Professional can be used include database connections or comprehensive report functions, such as those used for producing FDA-compliant (Food and Drug Administration) machine operations.





### Product information

The combination of the two development systems VisiWinNET® Smart and Professional leads to a particularly efficient deployment range. VisiWinNET® Professional can be used to develop specific machine modules and control elements, which are then integrated in Smart using the VisiWinNET® configurator for further processing.

This extremely convenient function allows users to define functions that are used again and again in line with their own specific requirements - this is the VisiWinNET® modular principle.

### VisiWinNET® for Controller-based Automation

Mode	Features	Operating system of controller	Product key
VisiWinNET®			
Smart	<ul style="list-style-type: none"><li>• Single user license</li><li>• Engineering Software operating system: Windows® XP, Windows® 7</li><li>• Licensing: USB dongle</li></ul>	Windows®CE	7710100065
Professional <sup>1)</sup>	<ul style="list-style-type: none"><li>• Single user license</li><li>• Engineering Software operating system: Windows® XP, Windows® 7</li><li>• "MS Visual Studio .NET" 2008 is also required.</li><li>• Licensing: USB dongle</li></ul>		

<sup>1)</sup> On request

- ▶ Delivery with USB dongle as a hardware copy protection.



### Product information

Industrial PCs with VisiWinNET® as visualisation system, are provided with different operating systems. When ordering the VisiWinNET® engineering software, define the operating systems on the target system on which you want to use the software. This results in the required licence level. If VisiWinNET® is already available in a lower licence level, an upgrade licence can be used to increase the number of supported target system operating systems.

#### VisiWinNET® for industrial PCs

Mode	Features	Operating system of target	Product key		
VisiWinNET®					
Smart	<ul style="list-style-type: none"> <li>• Single user license</li> <li>• Engineering Software operating system: Windows® XP, Windows® 7</li> <li>• Licensing: USB dongle</li> </ul>	Windows® CE	7710100065		
		Windows® CE Windows® Embedded	7710110065		
		Windows® CE Windows® Embedded Windows® XP	7710120065		
		Windows® CE Windows® Embedded Windows® XP Windows® XP client/server	7710130065		
		• Upgrade from Windows® CE to XPe	Windows® CE Windows® Embedded	7710101065	
		• Upgrade from Windows® XPe to XP	Windows® CE Windows® Embedded Windows® XP	7710111065	
		• Upgrade from Windows® XP to XP Client/Server	Windows® CE Windows® Embedded Windows® XP Windows® XP client/server	7710131065	
		Professional <sup>1)</sup>	<ul style="list-style-type: none"> <li>• Single user license</li> <li>• Engineering Software operating system: Windows® XP, Windows® 7</li> <li>• "MS Visual Studio .NET" 2008 is also required.</li> <li>• Licensing: USB dongle</li> </ul>	Windows® CE	
				Windows® CE Windows® Embedded	
				Windows® CE Windows® Embedded Windows® XP	
Windows® CE Windows® Embedded Windows® XP Windows® XP client/server					
• Upgrade from Windows® CE to XPe	Windows® CE Windows® Embedded				
• Upgrade from Windows® XPe to XP	Windows® CE Windows® Embedded Windows® XP				
• Upgrade from Windows® XP to XP Client/Server	Windows® CE Windows® Embedded Windows® XP Windows® XP client/server				

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