



# zenon 7.20

## Advance your company to a Smart Factory with ergonomics

<b>Clever engineering: Ergonomics, Usability &amp; User Experience</b>	<ul style="list-style-type: none"><li>▶ Engineering steps are reduced or simplified (e.g. simpler handling of scripts, graphic exports etc.)</li><li>▶ Graphical display in the Editor with DirectX</li><li>▶ Upgrade to DirectX Version 11.1</li><li>▶ Improved user administration</li></ul>
<b>Enhancements and improvement in the Recipegroup Manager</b>	<ul style="list-style-type: none"><li>▶ Improved recipe value table</li><li>▶ Interlocking of parameters</li><li>▶ Live validation of recipes</li></ul>
<b>Multi-Touch</b>	<ul style="list-style-type: none"><li>▶ Creating projects with Multi-Touch technology was simplified and the functionality enhanced.</li></ul>
<b>Energy Management and ISO 50001</b>	<ul style="list-style-type: none"><li>▶ Improved integration of zenon Analyzer in zenon</li><li>▶ New Metering Point Administration to manage the available meters</li><li>▶ Enhancement of the Load Management module</li></ul>
<b>Command Sequencer</b>	<ul style="list-style-type: none"><li>▶ New in zenon Energy Edition for arranging command sequences</li></ul>
<b>Enhancement of the drivers</b>	<ul style="list-style-type: none"><li>▶ IEC 60870 Slave and IEC 60870 Master</li><li>▶ DNP3 (Security improvements)</li><li>▶ SNMPv3 (Security improvements)</li><li>▶ IEC 61850 (Oper.Test[CO] considered in the command input, driver configuration can be accessed via zenon API)</li><li>▶ New functionality in regard to IEC 61850 Edition 2</li><li>▶ S7 driver supports TIA 13 import</li></ul>
<b>Enhancements of the SAP interface</b>	<ul style="list-style-type: none"><li>▶ Acquisition of production data can also be triggered by SAP</li></ul>
<b>zenon Logic 8.1</b>	<ul style="list-style-type: none"><li>▶ Integration of zenon Logic 8.7</li></ul>