

# zenon Analyzer 3.40

## Enhancements provide even more accurate, customized process analytics

When information from production processes is not analyzed and evaluated properly, equipment operators are unable to leverage its full potential. In 2020, comprehensive, flexible and automated reporting and analytics functions come as standard with zenon Analyzer 3.40.



### PROACTIVE NOT REACTIVE

pyZan Library is a major update for zenon Analyzer 3.40. The name combines the Python programming language and zenon Analyzer to highlight the strengths of both technologies for users in predictive analytics. Thanks to the Library, the zenon software platform transfers, as necessary, detailed (process) data as well as metadata from zenon Analyzer. Users can further process this data in projects custom-tailored to their requirements, using Python and working outside zenon. This enables users to program freely and equips them for any scenario.

### REPORTS IN CORPORATE DESIGN

To better personalize reports in zenon Analyzer, the design of the footers can be aligned with corporate standards. Similarly, in headers not only texts but also colors and graphics, such as logos, can be applied and inserted freely. All of these customizations can be saved as templates and re-used in the future. In addition, with zenon Analyzer 3.40, the width of

headers and footers can be adjusted dynamically and reports are adapted automatically to all formats.

### FLEXIBLE CHART DISPLAYS

The XY chart display is even more versatile in zenon Analyzer 3.40. Previously, it was not possible with this report to create a relation between more than two variables. The new release enables users to compare multiple variables in a diagram. For example, values for variables such as pressure, density or electricity consumption can be set in relation to temperature and displayed in a diagram. This allows for new insights into production processes. Additionally, paper printouts can be reduced significantly, resulting in flexible, sustainable reporting solutions for production operations.

### MORE TIME INTERVALS IN REPORTS

zenon Analyzer 3.40 offers users with twice the number of time filters in a report. Ten time periods are now supported instead of the previous five. This enhancement came directly from customer feedback and ensures even more relevant information is available about comparison periods in order to help customers make better decisions. The options for reporting with zenon Analyzer 3.40 have also been expanded. Fifty report templates can now be displayed in one report, which significantly increases the scope of reports for users.

### FAST FACTS

- ▶ Predictive analytics to match your needs with pyZan Library
- ▶ Customizable and responsive headers and footers
- ▶ More variables in XY chart
- ▶ More time filters for more meaningful comparisons
- ▶ Up to 50 templates in one report

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## Multiple enhancements make good even better

<b>Fundamental enhancements</b>	<ul style="list-style-type: none"><li>▶ Expanded calculated fields</li><li>▶ Multi-select option for equipment groups in the Gantt report</li><li>▶ Third-party database connector supports Views feature</li><li>▶ Update of metadata databases in zenon Analyzer Management Studio</li><li>▶ Improved connector performance for complex data queries</li></ul>
<b>Predictive analytics</b>	<ul style="list-style-type: none"><li>▶ pyZan Library for transfer of production data and metadata to other applications</li></ul>
<b>Customized headers and footers</b>	<ul style="list-style-type: none"><li>▶ Personalized content to match corporate design</li><li>▶ Insert texts and graphics</li><li>▶ Save and apply templates</li></ul>
<b>XY chart</b>	<ul style="list-style-type: none"><li>▶ Multiple values per diagram in relation to a variable</li></ul>
<b>Reports</b>	<ul style="list-style-type: none"><li>▶ Up to 50 templates in one report</li><li>▶ Up to 10 time filters in one report</li><li>▶ Calculated fields available in charts</li></ul>
	<p>To learn more about additional new features in zenon Analyzer 3.40, please refer to the release notes.</p>