A Seamless Transition to Advanced P&ID Solutions: Monotez S.A. and Visio P&ID Process Designer

Monotez S.A., a part of Ravago Group, is a leading manufacturer in the Expandable Polystyrene (EPS) plastics industry, with a production capacity of 3.70k mt/yr. Ravago Group is at the forefront of three key markets: polymers, chemicals & life ingredients, and building materials. Its operations span across distribution, resale, and manufacturing, with a deep-rooted expertise in recycling.

Challenges Faced:

Monotez was experiencing a significant increase in internal engineering demands, particularly in the creation and management of P&ID drawings. To address these growing needs, Monotez S.A. sought a solution that would extend the capabilities of their existing Microsoft Visio licenses for P&ID drawing, all while requiring less skill than AutoCAD.

Why Visio P&ID Process Designer?

While researching and evaluating various solutions, Monotez came across Visio P&ID Process Designer as the best fit solution for their requirements based on several key parameters:

01 **Ease of Use:** Visio P&ID Process Designer's user-friendly interface and intuitive design were crucial for quick adoption by the engineering team.

02 **MS Visio Experience:** Monotez team's prior experience with MS Visio made Visio P&ID Process Designer a natural extension, leveraging their existing knowledge and minimizing the learning curve.

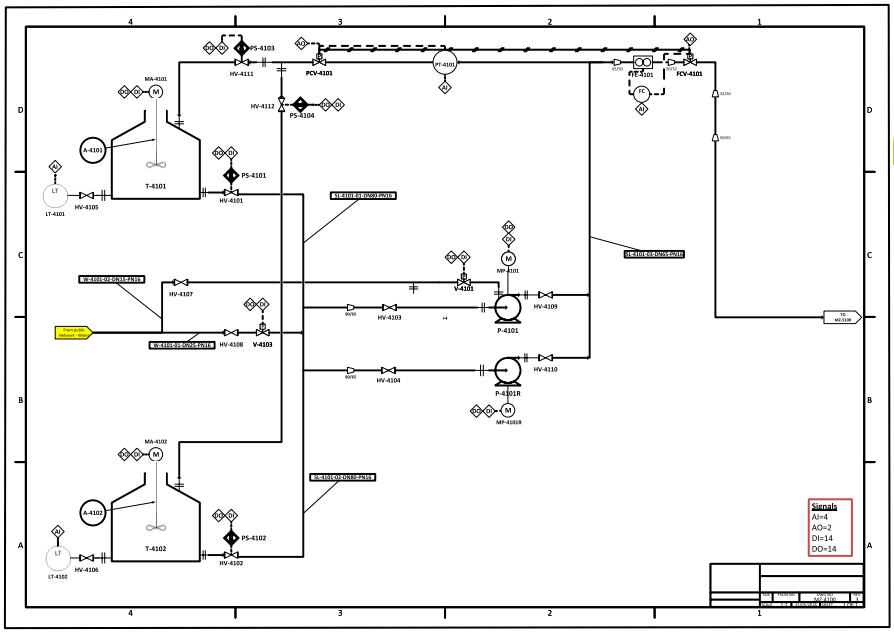
03 **Standard Symbol Library:** The inclusion of symbols conforming to various industry standards such as ASME, ANSI, PIP, ISO, and ISA symbol library in Visio P&ID Process Designer provided the necessary tools for creating detailed and accurate P&IDs.

04 **Hardware Requirements**: Visio P&ID Process Designer's compatibility with existing hardware ensured a smooth transition without the need for additional investments in new equipment.

Cost was a significant factor in the decision-making process. Monotez S.A. needed an affordable solution that provided robust features without the high costs associated with traditional CAD software. The team's prior experience with MS Visio also played a crucial role, as it ensured that the transition to Visio P&ID Process Designer would be seamless and efficient.

How Visio P&ID Process Designer Helped Achieve the Solution

Monotez's Team was familiar with Microsoft Visio platform base, so they found Visio P&ID Process Designer to be very intuitive and with a simple to use Graphical User Interface. It was very easy to import/export design files in .dwg or .pdf formats and data files in .csv format.



Enhancing the capabilities of Microsoft Visio with Visio P&ID Process Designer was smooth and straightforward. It performed as promised, providing a lightweight operation that did not burden the existing system.

Alexandros Syrigos,
Styrenics Technology Manager,
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Results & Benefits

Using Visio P&ID Process Designer as the engineering solution, Monotez team was able to efficiently create new projects and manage existing ones with detailed descriptions of equipment and processes. The automatic tagging feature significantly simplified the documentation process. The ability to easily share drawings in .pdf and .dwg formats improved collaboration among team members and stakeholders.

Experience & Journey

Transitioning from Microsoft Visio to Visio P&ID Process Designer was seamless and straightforward. Visio to Visio P&ID Process Designer delivered on its promises with a user-friendly interface and intuitive operation, making it easy for the team to adapt and integrate the software into the workflow effectively.

Conclusion

Visio P&ID Process Designer has proven to be a valuable asset for Monotez S.A., addressing their need for an advanced yet user-friendly P&ID solution. The seamless integration with MS Visio, coupled with its cost-effectiveness and robust features such as integrated symbol libraries, database technology, automatic report generation, document management and revision tracking, has enabled Monotez to enhance their engineering efficiency and meet their growing P&ID drawing demands.

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