

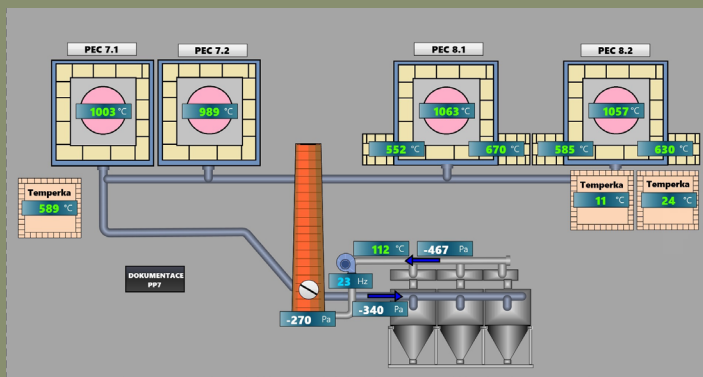


Preciosa Ornella Factory in Desna, Czech Republic

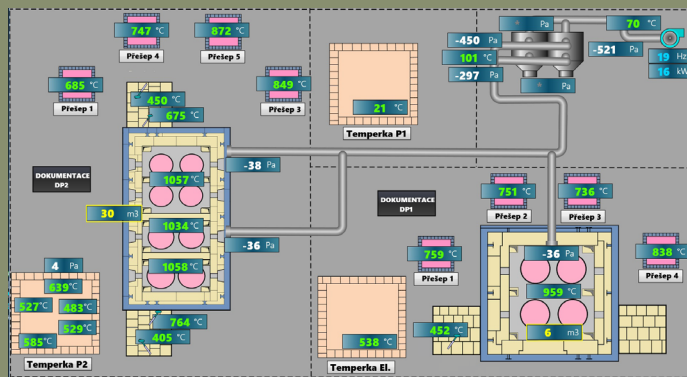


Customer Success Story

Preciosa Ornella, a.s. Desna, Czech Republic



Temperature Monitoring/Control via GENESIS64™



Process Monitoring/Control at Preciosa Ornella, a.s.

About Preciosa Ornella, a.s.

Preciosa Ornella, a.s. (www.preciosa-ornella.com), a division of the Preciosa Group, located in Desna, Czech Republic, is primarily involved with metallurgical production, glassmaking and the manufacturing of raw materials for jewelry. The company describes itself as one of the largest specialized glass companies in the world as well as one of the world's most significant producers of a wide range of glass products made from glass rods and lampworking rods, technical and utility glass and all types of glass seed beads and beads.

ICONICS Software Deployed

Preciosa Ornella selected ICONICS' GENESIS64™ HMI/SCADA suite, including WebHMI™ web-based real-time automation software.

"Preciosa Ornella chose ICONICS' GENESIS64™ due to its fast, user-friendly configuration, as well as for the opportunity to create user interfaces for all levels of our staff."

Pavel Beran
Preciosa Ornella, a.s.

Project Summary

Preciosa Ornella required an update to their existing 32-bit HMI/SCADA software involved with the monitoring of temperatures, electrical parameters and combustion ratio glass sets as part of their production processes.

The company was happy with its existing GENESIS32 installation but wanted to add the multiple modern features included in newer 64-bit software.

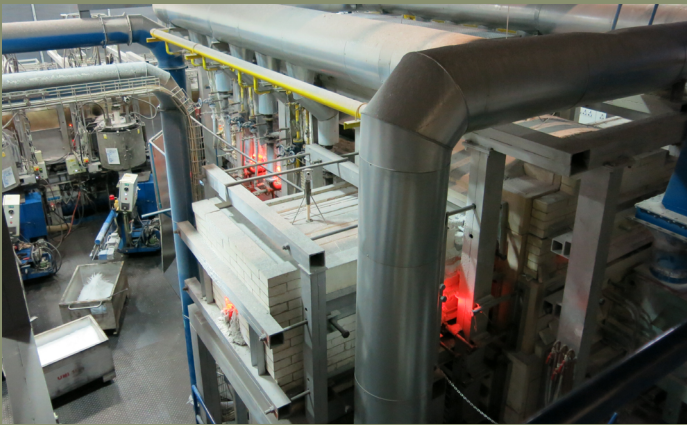
After evaluating offerings from multiple vendors, Preciosa Ornela decided to remain an ICONICS customer and chose GENESIS64, which, along with GENESIS32, provides real-time monitoring of their continuous production process. The long-term, multi-day process requires extreme precision and control to ensure that all ingredients are introduced at just the right temperature and at just the right time. GENESIS64 provides real-time

Benefits of the System

Preciosa Ornela chose to remain with ICONICS and add GENESIS64 due to the performance of their existing GENESIS32 solution, the multiple abilities within the user interfaces and price of the solution. Through GENESIS64 and WebHMI, the company is able to monitor and control intricate production processes via web browsers in multiple locations throughout their factory.

Conclusion

Preciosa Ornela is happy with its new addition of GENESIS64 and plans to eventually transition to the



A Preciosa Ornela, a.s. Facility



Metal and Glass Manufacturing

production process visualization, trending, and alarming, along with integrated batch control, to operators and other key stakeholders.

The manufacturer currently uses GENESIS64 to monitor and control 4,000 individual assets, including 3,500 I/O points, in addition to connecting to multiple PLCs and Omron and Eurotherm regulators. The system was able to seamlessly integrate with existing Modbus, OPC and TCP/IP communications, as well as with the company's existing Microsoft SQL Server installation for archiving. Preciosa Ornela opted for ten local supervisor stations running ICONICS WebHMI for web-based visualization, monitoring and control.

64-bit solution completely, as well as potentially include the data analysis capabilities of ICONICS' AnalytiX[®] suite, all sure to provide the glass manufacturer with a clear view of its valuable data.