



Unlocking the power of process data in the bakery industry

An open source Historian solution for industrial data collection, data integration and custom dashboarding.

[Questions about this case? Contact us!](#)

Puratos is a multinational organisation, specialised in developing ingredients for the patisserie and chocolate industry. It has over 65 sites worldwide. Factory enables Puratos to centrally manage and easily access data from any location or manufacturing plant. Read how we implemented an open source historian solution in over 10 sites worldwide.

A clear brief

Due to its rapid international expansion and numerous acquisitions, Puratos is spread out over many production sites, both small and large. Therefore, **centralised management** is a priority: the organisation required a solution to gain insight into these production sites, in a quick and cost-effective manner.

- Easy scalable software
- Solid support desk
- Fast implementation
- Centralised management
- Future-proof platform
- Cost-effective development



About Puratos

Since its founding in 1919, Puratos has built a solid reputation for itself as a developer of ingredients and solutions for bakers, pâtissiers and chocolatiers around the world. As Puratos is present in over 70 countries, a network of 463 technical advisors in 81 Innovation Centers are committed to supporting their customers. With over 9,000 employees and over 2 billion euros in revenue, Puratos is a true innovation stronghold.

A solid reply

Before Factory arrived at Puratos, process data were only available for a restricted period of time, for a limited number of users, and solely on-site. We set out to better collect, store and visualise the company's manufacturing process data, making the data more accessible to those who need them.

Automated data collection

User-friendly data visualisation

Seamless data integration

Data management strategy

24/7 machine monitoring

Custom user dashboards

"The power of Factory's open source historian solution lies in its ability to unlock existing data so it can be useful to a broader user community. It allows people to work together on data more easily and to gain insights more quickly."

[Klaas Dobbelaere](#)

Solution Architect for Production Operations at Puratos group

How we rolled

Factory set up a proof-of-concept in Pennsauken, USA, to demonstrate its benefits, user-friendliness and fast set-up. After a positive assessment by Puratos, the collaboration expanded to Europe. The next step in the process was a roll-out - on which a copy of the technology stack was running - to three other sites.



The third stage in the transformation was building a centralised [Historian](#) infrastructure, to increase manageability and roll-out speed for new implementations. As an added bonus, data from various sites around the world could now be accessed through one interface.

Build a proof of concept

Roll-out to multiple sites

Build a central infrastructure

Create a master interface

"Factory Historian gives our facility the information we need to improve our overall OEE performance and to drive cost reduction, while drastically reducing complexity."

[Jerry Nunes](#)

Operations Manager at Puratos Canada

Problems solved - what is next?

Finally, we created a cost-efficient service framework that enables us to roll out the historian solution quickly to new sites worldwide. In less than a week, a new system can be up and running. The whole set-up is built using open source software, from back-end logic and databases to front-end development.



Related use case

How we delivered Ekopak a scalable software platform for process data acquisition, machine monitoring and dashboarding.

Today, Puratos mainly uses [Factory's Historian](#) tool to capture data, to look back at the past, do causal analysis and create custom dashboards and graphs. The software has now been successfully launched on sites in the USA, France, Belgium, Latvia and Poland, with further roll-outs planned.

"Factory Historian brings a lot of value to our sites. I think the best way to showcase our satisfaction is that, in a mere two years' time, we have rolled out Factory Historian in over ten sites."

[Klaas Dobbelaere](#)

Solution Architect for Production Operations at Puratos group



Key benefits of Factory Historian

Better process insights

Significant increase in process insights within any department

User-friendly dashboards

Extract data and create custom dashboards and graphs in no time

No artificial data limits

Unlimited amount of data and number of users

Higher efficiency

Lower Cost of Ownership and improved overall efficiency

Open source technology

Eliminate vendor lock-in using open source software

Data integration

Integration with other automation systems such as SCADA

On-premise or in the cloud

Store your data on any location, with maximum security

Web-based interface

Access and administer data from any production site within one web-based interface

Fast implementation

No extra local infrastructure needed to collect the machine data, if an OPC-UA server is already in place

"Factory Historian shifted our paradigm from chart recorders to databases that allow us to capture and store data. It has really propelled us into a brand-new age."



Jerry Nunes

Operations Manager at Puratos Canada

Tell us about your data challenges

And get free advice from one of our consultants.

Factory Historian at your company?
Move forward with Factory Historian.

Please leave your details below and we'll contact you.

Request a demo



With open IIoT solutions for machine monitoring, OEE and MES, Factory software empowers anyone to radically improve operations, from operator to plant manager.

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