

Complete Netilion Solution

Improved site operations and management at the Sucroliq Plant in Irapuato, Mexico

Sucroliq®

Sucroliq S.A.P.I DE C.V. (MX) is a company dedicated to the production and refinement of sugar. Their globally patented technology makes them a leader in Mexico and highly competitive on a global level.

"High plant availability, traceability and compliance with food safety and quality are fundamental pillars and Netilion supports on achieving that. The system records key parameters and continuously transmits them to the Netilion Cloud creating very valuable services for us. Netilion acts like a doctor in our plant. It is right there, whenever we need it."

Alicia Ramirez
Head of I&C Engineering and Maintenance
Sucroliq S.A.P.I DE C.V.
Irapuato, Mexico



Alicia Ramirez



Sucroliq sugar refinement plant in Irapuato (MX)

Sucroliq has a vast experience in satisfying the different needs of their clients. With 3 facilities in Mexico, with an annual production capacity of 350,000 MT of liquid sugar, they are in the process of international growth.

The Irapuato plant is a highly automated installation. Sucroliq needed a digital solution that could improve the already good overall plant management level. Leveraging digital data from the field with Netilion was the way to create value for the entire plant.

Our solution Compared to other solutions in the market, Netilion is ready to connect. No additional engineering is needed in order to connect and consume the services immediately. The data leveraged from the field give insights on instrumentation status, diagnostics, health as well as lifecycle status.

Netilion improves the site operations and management by offering more data visibility for all the installed assets. Immediate accessibility of actualized information on the health status, obsolescence, critical instruments data, calibration reports and remote support from everywhere generate an improvement for the entire plant management.

Project scope Based on an existing PROFIBUS DP architecture, licenses for Netilion Health, Library and Value come into operation. In addition, there is a FieldEdge SGC500 as well as Fieldgate SFG500 connecting the field with the Netilion Cloud.

Netilion Services:

Netilion Analytics provides you with an inventory of your production facility within a few minutes and thus gives you complete transparency. Based on the inventory, current optimization suggestions for your production plant are offered at any time.

Netilion Health lets the assets in your production plant speak for themselves, so that you know immediately, at any time and from anywhere how your production facility is doing. If the assets aren't doing so well, you'll know the reason and what remedies there are.

Netilion Library makes the collective knowledge of your production facility available to all your employees immediately, at any time and from anywhere. You save valuable search time and archiving work.

Netilion Value collects all the process information from the field, showing them in different application features, such as dashboard, history, tracking map, notification, and many more.



Alicia Ramirez benefiting from the ease of use of Netilion

Features and benefits

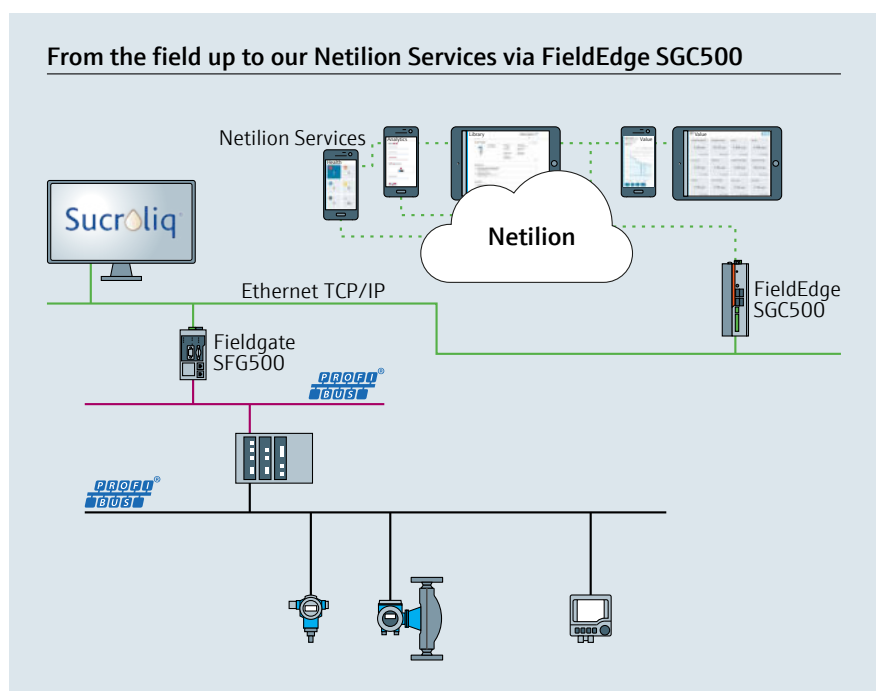
The benefits are an overall improvement for all the plant departments in operations, maintenance, procurement and management.

Operations and maintenance:

- Optimization of the operation activity planning
- Continuous monitoring of the installed assets of all manufacturers
- Improved operation and maintenance resource planning
- More efficient maintenance shutdown work

Procurement/management:

- Simplified procurement strategy definition and activity plan
- Better decision on plant management strategy



Typical industrial network topology with Netilion connectivity

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