

VERTECH'

introduces SIL2018

THE SIL2018 OVERALL EQUIPMENT EFFECTIVENESS (OEE) INDICATOR

French supervision solutions company Vertech' invests approximately 25 per cent of its annual turnover in R&D. In fact, every year a number of software functionalities are integrated into SIL, working in synergy with clients and equipment manufacturers.

SIL2018, the most recent version, was officially released in December 2018, and includes more than 20 new features, among which a robust Overall Equipment Effectiveness (OEE) calculation managed at different levels by the system.

The OEE indicator and each of its components (Availability, Performance and Quality) are set to provide important insights that will help improve the manufacturing process as well as facilitate management and decision-making.

The SIL system automatically calculates the production yields of the lines, the speed and performance of the IS machines,

and the section downtimes with associated losses; which are the underlying metrics for measuring manufacturing productivity.

SIL2018 consolidates these metrics into an OEE Key Performance Indicator calculated in real time and available in different time frames.

The OEE is now displayed in SILC together with its three components and has also been added to the end of production reports.

These indicators are also available in SILX, which is the production web portal of the system, where managers and personnel have real-time access to key performance indicators using smart devices.

OEE values are additionally available with SILXtractor, which provides powerful data mining tools for the analysis of the data stored in SIL database. SIL2018 allows identifying interesting OEE trends and deviations with analytics over time.

These KPIs will also be available for production lines manufacturing two or more articles simultaneously on the IS machine.

This new release supports 15 languages and Vertech' is ready to upgrade SIL installations for its client base worldwide.

SIL – INTEGRATION AND OPTIMIZATION OF KEY MANUFACTURING PROCESSES

The SIL system helps manufacturers increase the profitability and the quality of the products with a range of modular solutions for the centralized management of production data of markets such as hollow ware: bottles and jars, decoration on glass bottles, and tubes and drawn glass.

- Production follow up in real time
- Management of quality controls
- Traceability
- Management of mould sets
- Final control and management of pallet resorting
- Management of raw materials and glass campaigns
- Data mining
- Management of the plant performance: KPI

SIL2018 is
Vertech's most recent
release of its software
for supervision solutions,
with more than 20 new features
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levels by the system.

NOTIFICATION OF KPIS IN REAL TIME

A production dashboard dedicated to glassmakers to follow Key Performance Indicators in real time, SIL Dashboard displays at-a-glance main KPIs to decision makers, about:

- notifications for new events to read, events currently running, tendencies, late controls
- worst cavities with tendencies and alarms
- production outputs with tendencies
- shop monitoring graphs
- defects,
- plant news ...

SIL Dashboard widgets give direct access to detailed information in values, percentage, tons or on graphs.

SIL Dashboard is secured, flexible and available anytime on any PC of the plant, on tablets or smartphones.

SIL Dashboard is included in SILX, the Intranet platform dedicated to Production

With the increase in information data about process, quality, and the multiplicity of inspection equipment providing their

own data, glassmakers require a centralized platform to manage information.

SILX answers that need for a centralized information platform, providing to the actors of the plant a single, direct and secure access to the information they require.

Many types of electronic document can be managed:

- Key Performance Indicators
- Security messages
- Photos albums
- News
- Documents as: procedures, glass campaign...

It can be created, approved, published or read depending on the user's profile: Manager, Supervisor, Hot End/Cold End Operator, Maintenance...

SILX benefits

- Make decisions easier thanks to better access to information and to KPI
- Allow direct and easy communication between all the departments of the plant
- Inform employees about facts and events in real time, quicker than paper display

- Suppress paper with documentation management
- Personalize the workspace with information you only have selected, depending on your profile

SILX functionalities

- Publication and access to information
- Direct access to Key Performance Indicators
- Quick access to reporting
- Documentation management. ■



Vertech'
Drive the future

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