

Fact Sheet

STEINERT.dashboard®



STEINERT.dashboard is a detailed monitoring solution for STEINERT sensor sorting systems. It enables its users to visualize operating and production figures, such as belt occupancy, volume flow, object rate, particle size distribution, active sorting program and much more, to analyze the current performance of their own sorting system and its applications.

As a desktop-based monitoring software,

STEINERT.dashboard allows a direct view of the most important performance and output statistics of the sorting system. The data remains completely in the hands of the operator, as it is stored locally.

This on-premise solution can be used in the operator's own company network without a necessity to connect to the internet. All data can also be freely exported, also for longer time periods.

+ FEATURES (EXCERPT)

- + Display of operating and production figures
- + Local website (on-premise) for STEINERT sensor-based sorting systems.
- + Information with a high level of detail about the operation of the individual sorting system
- + Statistical data visualized as histograms, bar charts and boxplot charts
- + Freely selectable time periods
- + Data TTL (time-to-live) is unlimited
- + All data exportable

+ FUNCTIONAL OVERVIEW:

- + Live status incl. sorting system image
- + Message history
- + Numerous statistics, among others on:
 - Production (e.g. belt occupancy)
 - Material (e.g. particle size distribution)
 - Valves (e.g. valve activation)
 - Compressed air (e.g. consumption)
- + Running time counters (e.g. sorting system in operation)
- + Operator input



Product details

Availability	Local network / intranet
Target user group	Plant manager, operator, technical optimizer, process engineer, STEINERT-Service
Level of detail	High level of detail, high granularity of time analysis
Data time-to-live (TTL)	Unlimited
Display of	Single sorting system
Hardware scope system	IoT-ready package
Running costs	None
System dependencies	On-premise
Data export	Yes
Optional Add-on	Mobile monitoring application STEINERT.view

Available sorting systems

STEINERT KSS

STEINERT XSS T EVO 5.0

STEINERT Chutec

Please send enquiries about **STEINERT.dashboard** directly to support@steinertdigital.com

STEINERT GmbH / Widdersdorfer Strasse 329-331 / 50933 Cologne / Germany

Fact Sheet

ONLINE PROCESS MONITORING



The UniSort Online Process Monitoring (OPM) system is a state-of-the-art centralised process visualisation tool designed specifically for waste sorting applications. It provides users with a comprehensive overview of the status of all UniSort sorting systems within their plant, enabling them to monitor and optimise performance in real-time. With OPM, plant operators can access essential data, analyse machine performance, and make critical adjustments to their sorting processes, ensuring the most efficient and profitable outcomes.

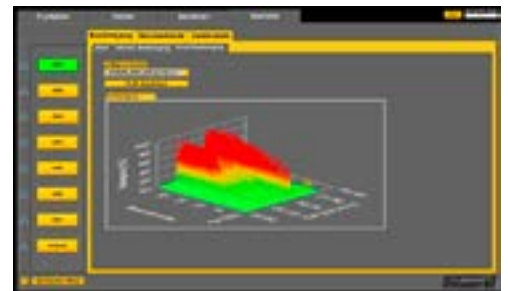
OPM offers detailed insights into operating and production figures such as belt occupancy, volume flow, object rate, particle size distribution, and active sorting programmes. This powerful system allows users to visualise and analyse the performance of their sorting system and its applications, with the added benefit of centralised control across multiple UniSort systems.

+ FEATURES (EXCERPT)

- + Centralised status overview of all connected UniSort sorting systems
- + Real-time machine status and active sorting status
- + Ability to modify and adjust sorting programmes for enhanced performance
- + Comprehensive metrics for material statistics and valve statistics
- + On-premise data storage for enhanced security and control

+ FUNCTIONAL OVERVIEW:

- + Status overview of all connected sorting systems
 - Machine status
 - Active sorting status
- + Recent error and warning messages
 - Tabular display of all current errors with time stamp, error code, error type and error description
 - Message memory with all errors and warnings of the last 90 days
- + Modification and adaptation of the sorting programmes
- + Overview of various metrics of the belt occupancy, material statistics and valve statistics
 - Current belt occupancy
 - Maximum / average belt occupancy
 - Current sliver occupancy
 - Current material statistics
 - Material statistics over time
 - Absolute number of strokes of individual valves
- + Material analysis (only in combination with a UniSort Analyser)



+ TECHNICAL REQUIREMENTS:

- + STEINERT UniSort sorting systems equipped with an additional Ethernet interface
- + A central network cabinet where all signals converge
- + A monitoring PC with visualisation software installed

