STEINERT
MAGNETIC + SENSOR **SORTING SOLUTIONS**

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.

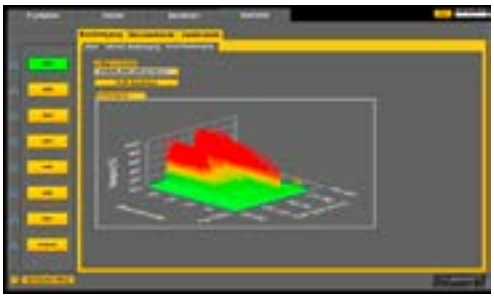
OPM offers detailed insights into operating and production figures such as belt occupancy, volume flow, object rate, particle size distribution, and active sorting programmes. This powerful system allows users to visualise and analyse the performance of their sorting system and its applications, with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

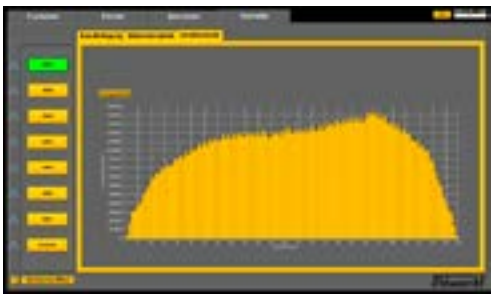
FEATURES (EXCERPT)

+ 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