Compass System Intelligence

Enhancing control and visibility to facilitate operational efficiency

Combining state-of-the-art visualization technology, comprehensive data insights, and an interactive user interface, Compass System Intelligence is the extensive tool for those who drive operational excellence.

Turning data into excellence
Compass System Intelligence is a software solution that visualizes crucial banknote processing performance data to deliver powerful insights into machine-based cash management operations. Greater reliance on automated systems enables efficient, intelligent operations. However, if machines are not complemented by the appropriate software, day-to-day cash center operations can be filled with unknowns. Real-time visibility on performance and detailed overviews of throughput rates and processed/rejected banknotes from Compass System Intelligence address this lack of information.

With this comprehensive software solution, questions regarding which cash centers need attention, if ROIs will be met, or how processing could be optimized to increase productivity will never go unanswered. Cash center managers gain more control, service technicians are better informed, operators become more motivated, and managing directors can constantly obtain up-to-date information on processes and machines. Compass System Intelligence facilitates optimal machine utilization and maintenance and supports tactical decisions on machine investments to guarantee high productivity and cost-effectiveness, both now and in the future.

Up-to-date data drives better monitoring and optimization of:
- Banknote quality, fitness sorting and vault management
- Throughput discrepancies and effort
- Utilization and servicing of machines
- Staffing, shift management, and motivation of operators
- Cash center planning, monitoring, and controlling

More accurately and comprehensively monitor KPIs:
- Operating time and throughput rate
- Reject rates and reasons
- Error reasoning and jam locations
- Jam rates
- Banknote counters and sorting statistics
- Utilization rate
The analysis of the data gave us new insights into banknote processing, helping to optimize performance and communication.

Luc Certyn
Head of Banknote Sorting at the National Bank of Belgium (NBB)

Enhance visibility and control
Compass System Intelligence puts you in the driver’s seat. By gaining a comprehensive understanding of what machines are doing and how they are performing, operators can better spot inefficiencies, predict and plan maintenance or personnel requirements, and make data-driven decisions. KPIs such as banknote volume, throughput, reject rate, and jams can easily be monitored. The ability to create dynamic reports with the storytelling feature and the export function of aggregated data further enhances the ability to plan, prepare, and set new benchmarks.

Gain real-time visibility
Cutting-edge digital twin and data visualization technology enables real-time insights to make impactful changes that maximize efficiency and productivity. To further enhance transparency, Compass System Intelligence enables live streaming of data from BPS® machines, which can be shared with partners or within organizations.

Combine convenience and security
A comprehensive set of dashboard sheets ensures that the necessary information is immediately placed in the right hands. Configure KPIs, assets and timelines to your individual needs, all within a sophisticated, highly intuitive and interactive user interface. The Cloud Service represents simplest setup and uncompromising security, providing peace of mind for all parties involved.