Key Discovery
Data Analytics Software

Turn every Key Technology sorter into a powerful Industry 4.0 connected device, generating a wealth of actionable information to optimize process efficiency and product quality.

Sorter Connectivity and Data Sharing

Connect your sorters with your network or factory floor management system, sharing a wealth of data. Connect your Key Technology sorters with other equipment on the process line for improved sorting and upstream and downstream line processes

Sorter Data Analytics

Key Discovery analytics turn sensor data into valuable insight and actionable information to optimize product quality, improve sort efficiency, and anticipate possible equipment and process issues that need to be addressed. Key Discovery analytics also help identify conditions with processing steps and line equipment located upstream of the sorter

Customized Data Reporting

Data can be leveraged to create customized report about line performance and the quality profile of every product batch.

Remote System Management

Key Discovery allows every aspect of your sorter system and its operation to be monitored and controlled entirely remotely.
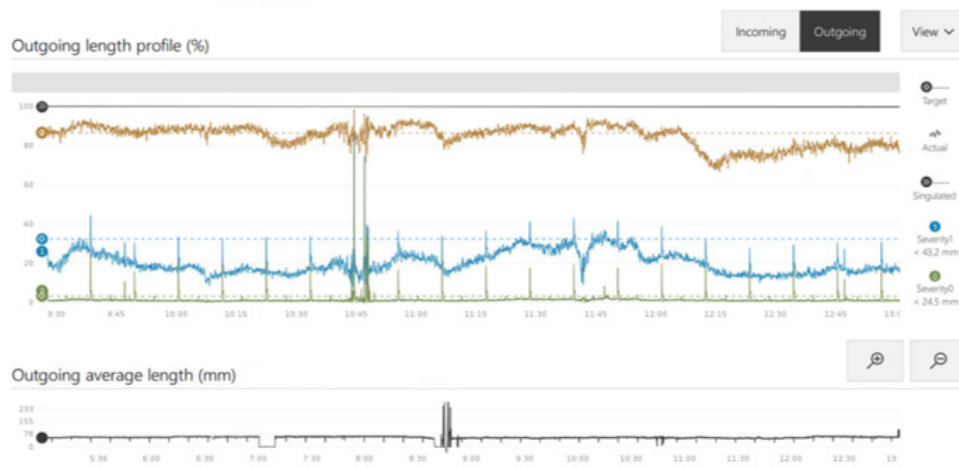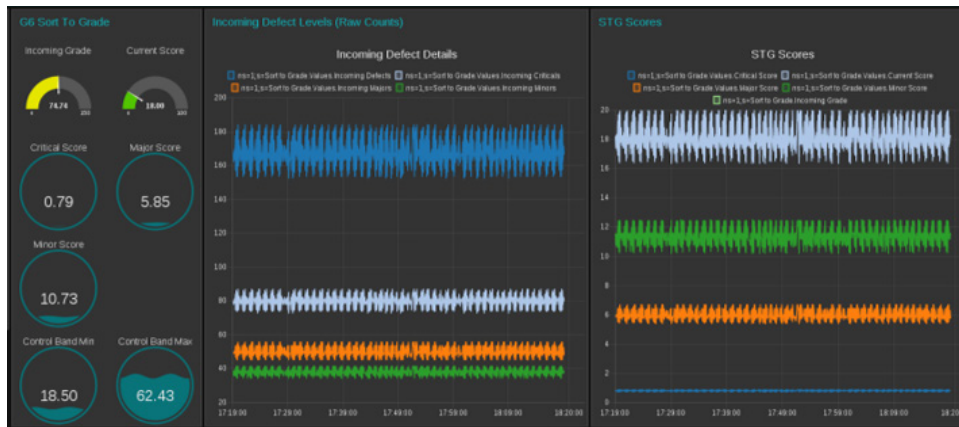
Features & Benefits

- Sorter connectivity and data sharing

- Actionable insights for optimal line management

- Customized dashboards for complete sort process visibility

- Sort parameters managed remotely

- Supports various industrial communication protocols including OPC-UA, Ethernet/IP and Modbus

- Configurable on any new or installed Key Technology sorter

Live Dashboards

Key Discovery supports developing customized web-based dashboards powered by live sorter data, allowing line operators complete visibility over the sort process.

Application Examples

- Verify ingredient percentage in real time

- Ensure immediate awareness of incoming product issues when a spike in defect occurs

- Allow remote monitoring of product quality trends to identify when intervention is required

- Enable pay-for-grade arrangements based on accurate information about product quality to correctly calculate grower payments

- Become aware of issues with upstream equipment and processing steps