Spring Automation Example WCS

Example WCS Screens:

- ▶ Order ID Tracking
- ▶ Order Assignment
- ▶ Conveyor Graphics
- ▶ Scanner Screens
- ▶ Alarm Screens
- ▶ Sorter Hit Points
- ▶ System Log

Order ID Tracking:

▶ Reduce wasted time hunting down misplaced orders in the conveyor system.

▶ Our WCS can track your order's last position and report back where it was last scanned or diverted in the system.

Order Assignments:

▶ Spring's WCS enables you to assign certain order types to specific destinations.

▶ Assignments can include directing certain shipping carriers, order types, or other criteria to specific sort lanes in your system.

Spring Powered Graphics:

▶ You have options

  ▶ Looking for a simple, all-in-one graphics package? Spring offers an in-house WCS & HMI solution. Programmed in Python, a widely accepted coding language, our solution doesn't require licensing and isn't tied to one provider.

  ▶ Do you prefer 3rd party HMI platforms such as Ignition? No problem, Spring can integrate our WCS into a multitude of HMI offerings.

SPRING
AUTOMATION
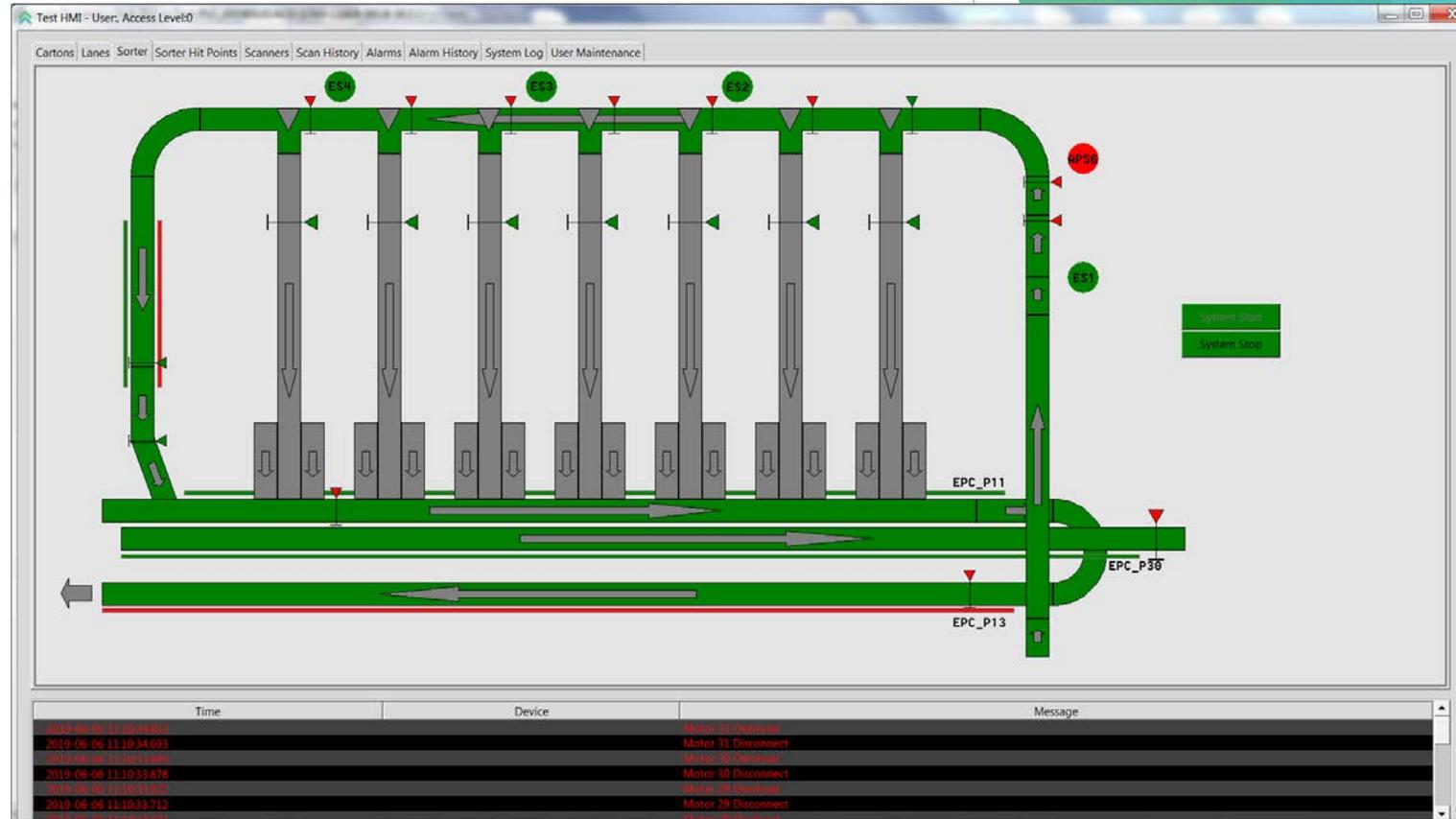
Scanner Screens:

- Scanner screens showcase statistics and history:

  - Statistics Screen

    - Good Reads

    - No Reads

    - Multi Reads

    - Read %

    - Lifetime Statistics

  - Scanner History

    - Query a specific order to see when and where it was scanned in your system

Alarm Screens:

▶ Our Alarm and Alarm History screens enable you to identify and track faults in the system.

  ▶ Our built-in search bar enables you to query on a specific device or description.

  ▶ Filter based on a specific date or timeframe to narrow you search further.

Sorter Hit Points:

▶ Our WCS + HMI offering provides you with the insights into the lower-level PLC controls as well as the upper-level WCS.

▶ Do you need to tune up the hit points of your sorter? Use our Hit Points screen to conveniently adjust PLC settings.

System Log:

▶ Our System Log shows highlighted events in your day-to-day operations.

▶ See both real time feedback and past history logs of wave assignments, hit points adjustments, lane activations, and more.

User Configuration:

▶ Do you need operators to have access to graphics screen but not to assignment screens?

　▶ Our WCS can be configured for multiple users with various levels of access.