

# A PC with WinPLC System

## A great material handling solution

Data flows between control system and order processing system



Multi-port Ethernet card(s) save the cost of a managed switch (IP-forwarding must be enabled)



PC controls sortation machine and has HMI and motion control. Tracks packages from induction to diverting location

Think & Do with H2-SERIO(-4) and H2-ERM(100) support



Terminator I/O on Ethernet for fastest response

Terminator I/O combines I/O modules with a terminal block base for very compact I/O enclosures along sortation system



Data tag links between WinPLC and PC systems



SE-SW8U Stride industrial Ethernet switch



Touch panel



WinPLC used here for local logic. Don't need local logic? Use an H2-EBC(100) for the same I/O and serial functionality with Live! or Studio V8.0



Add packaging station modules as required



### Packing stations

WinPLC with local I/O for indicator lights, packing station sensors and interlocks to take-away conveyors. H2-SERIO(-4) 3-port serial modules provide links to packing station devices. Operators pack and weigh the packages, and apply and scan each label before sending packages to the shipping area.

### Induction station

WinPLC controls conveyors from warehouse pick area to induction area. The WinPLC with Ethernet Remote Master (H2-ERM(100)) and 3-port serial module (H2-SERIO(-4)) has serial interfaces to a tote scanner and operator interfaces.



DL205 remote I/O base with Counter module (H2-CTRIO(2)) for counting and pulse output



Serial link to tote scanner



Touch panel

Up to 10 serial ports per WinPLC base

Note: Large volumes of serial data will impact WinPLC I/O scan time.