

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.