

Using the Model 1100 with ETILink™ DDE Server for Machine Control and Data Acquisition

Eason Products Used:

- 1100-M02-A03-CLK
- ETILink™ DDE Server

Complimentary Products:

- Standard PC
- PLC
- Wonderware InTouch MMI Software

Application Background:

The customer manufactures a system that monitors characteristics of products from an extruder.

Machine Objectives & Motion Requirements:

- Display specs, Control limits and X-Y graphs on the OI during monitoring.
 - Allow the operator to change specs and control limits through the OI.
 - An OI that provides feedback to the operator with alarm screens, and to the extruder by either discrete and analog points, or directly to the extruders PLC.
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Eason Solution:

The customer recently integrated its machine into a customer's existing data monitoring system by using Eason's ETILink™ DDE Server and Wonderware's InTouch MMI software on a networked PC. A network of machines with 1100s communicate to Wonderware using the ETILink™ DDE Server. New SPC spec and control limits are downloaded to each 1100 when a different product is to be made. Wonderware's SPC module is used to perform real-time SPC monitoring, to log data to a historical datalog, and to plot and analyze trends on individual or multiple machines. The data is available to any system on the plantwide network because Eason's DDE Server uses industry-standard DDE protocol.

Why Choose Eason:

Submitted by:

Lee Seneker
Logic Control Sales
1900 E. 123rd St.
Olathe, KS 66061
(913)764-4400