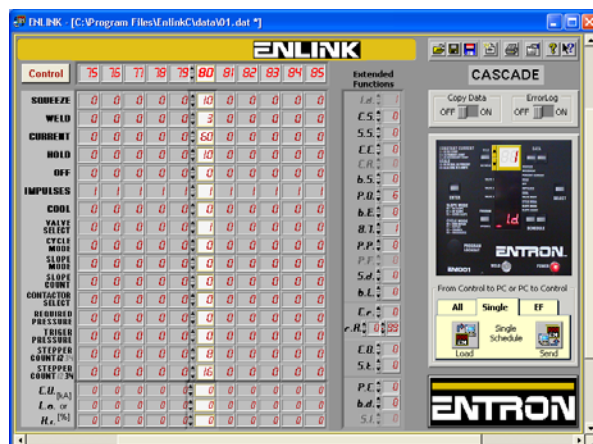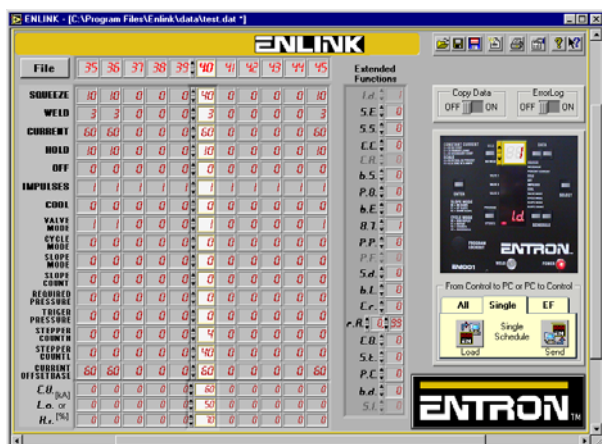# ENTRON™

ENLINK 1000/1001 and ENLINK 1000/1001 CASCADE

Provides PC Interface for Remote Programming and Monitoring of EN1000 Series Controls

A PC or Laptop with RS232/RS485 converter and ENLINK 1000/1001 for Windows may be used as a master device to communicate with EN1000 Series Controls.

ENLINK 1000/1001 allows data programming, copying and downloading all schedules' data. ENLINK 1000/1001 can perform error status monitoring and gather weld data history for use in statistical analysis.

Any PC or Laptop with RS232/RS485 converter may be connected to the 2-wire RS485 network through a daisy chain topology from Control to Control, with a customer wired J485-J485 cable.

Features

- ENLINK 1000/1001 is a Windows 98/2000/XP based program designed with LabVIEW interface.
- Communication on the RS485 network defined with non proprietary ENBUS Protocol.
- Up to 64 Controls may be connected on the same two-wire RS485 network up to one mile in length.
- A Laptop or other device with RS485 interface may be connected on the same two-wire RS485 network.
- Up to 32 Remote Terminals (RT4jrs) may be connected on the same two-wire RS485 network.

- Remote Data Programming.
- Error Status Monitoring for all or any subset of the Controls organized in working groups.
- Store necessary data in database for statistics.
- Operational with EN1000, EN1000 Cascade, EN1001, EN1001 Cascade Series Controls.

ENLINK 1000/1001 is used with EN1000 and EN1001 Series Controls.

ENLINK 1000/1001 CASCADE is used with EN1000 Cascade and EN1001 Cascade Series Controls.
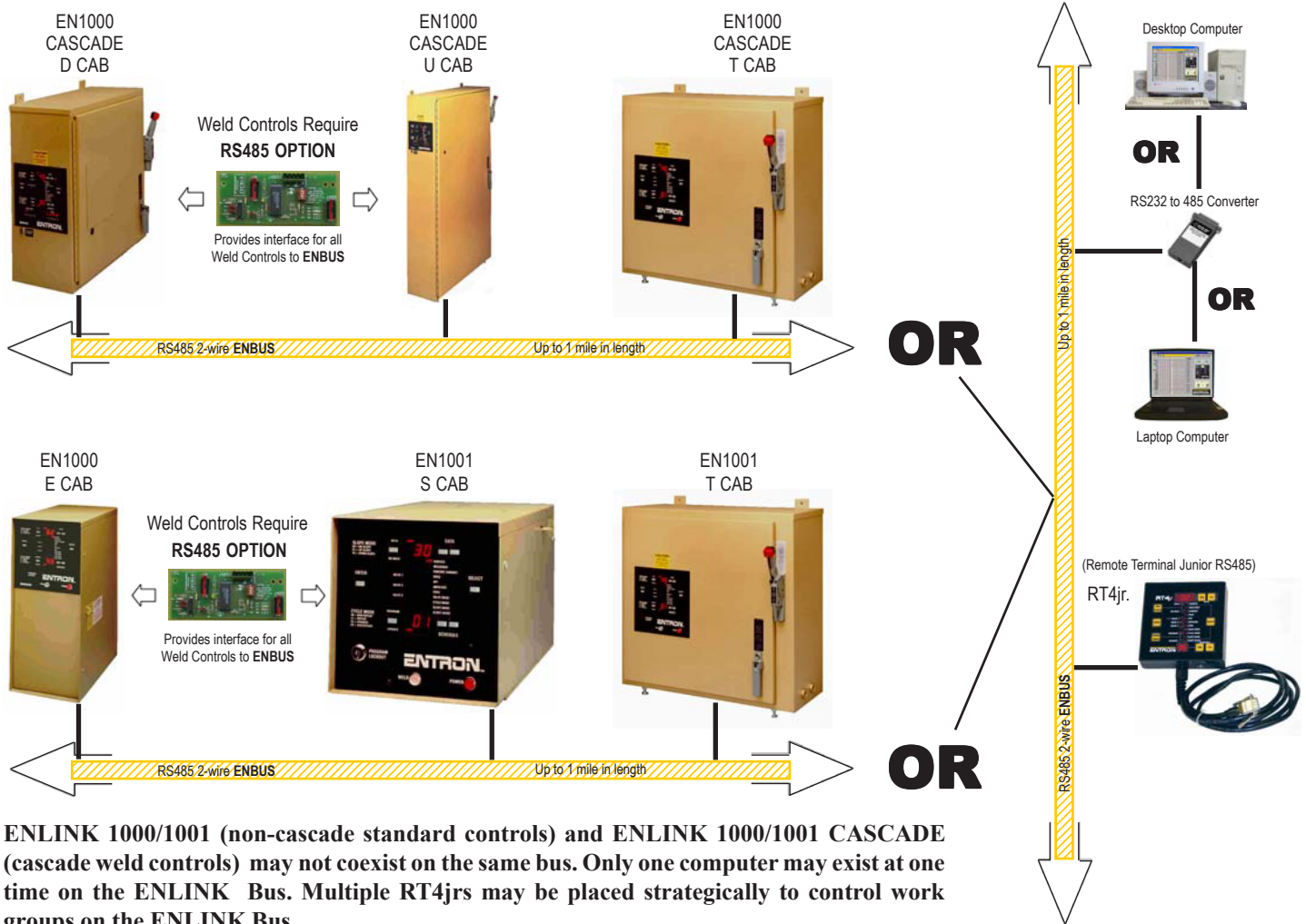
Advantages

- Recognizable ENTRON Front Panel with the same functionality as EN1000 Series Controls.
- May be used for remote programming many controls from one location.
- Working Groups may be defined for easier monitoring error status on controls.
- Allows storage of all data and weld parameters of Weld Controls for statistical analysis.
- OPEN ENBUS Protocol allows connection to RT4jr., or computer or other device with RS485 interface. Customer software may interface directly with Weld Control.

Exclusive ENTRON two year warranty

ENTRON

ENLINK 1000/1001 and ENLINK 1000/1001 CASCADE

Provides PC Interface for Remote Programming and Monitoring of EN1000 Series Controls

EN1000 CASCADE D CAB

EN1000 CASCADE U CAB

EN1000 CASCADE T CAB

Weld Controls Require **RS485 OPTION**

Provides interface for all Weld Controls to **ENBUS**

RS485 2-wire **ENBUS** — Up to 1 mile in length

EN1000 E CAB

EN1001 S CAB

EN1001 T CAB

Weld Controls Require **RS485 OPTION**

Provides interface for all Weld Controls to **ENBUS**

RS485 2-wire **ENBUS** — Up to 1 mile in length

OR

OR

Desktop Computer

OR

RS232 to 485 Converter

OR

Laptop Computer

Up to 1 mile in length

(Remote Terminal Junior RS485)

RT4jr.

RS485 2-wire **ENBUS**

ENLINK 1000/1001 (non-cascade standard controls) and ENLINK 1000/1001 CASCADE (cascade weld controls) may not coexist on the same bus. Only one computer may exist at one time on the ENLINK Bus. Multiple RT4jrs may be placed strategically to control work groups on the ENLINK Bus.

- See Instruction Manual **700171** for more information about RT4jr. and RS485 communication.
- Computers and RS485/RS232 converters may be customer provided.