

ABNet Phase I VMS Interface to ControlLogix

S A L E M

A U T O M A T I O N

I N C O R P O R A T E D

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Ordering Information ABNet VMS Driver

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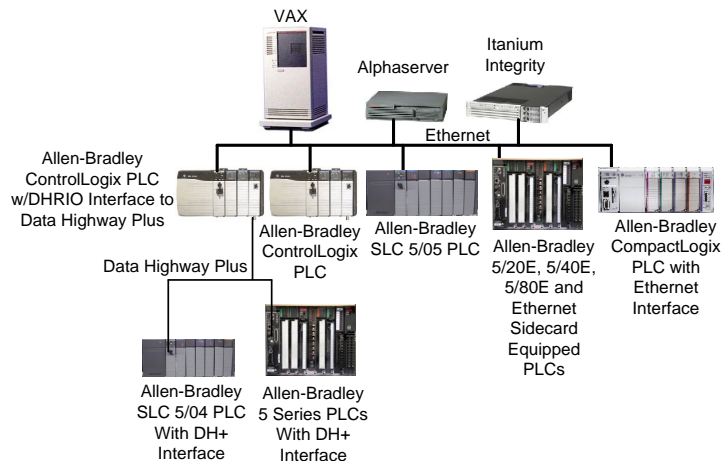
ABNet Phase I allows direct communication from a VAX, Alphaserver, HP Integrity, CHARON VAX or CHARON Alpha running VMS to an Allen-Bradley ControlLogix PLC via Ethernet. The ABNet interface can be called from a user's C or Fortran program via an API. The API implements the following routines:

- Init
- Define
- Connect
- Read (synchronous)
 - 32-bit floats,
 - 16-bit words,
 - 32-words
 - 8-bit chars
- Write (synchronous)
 - 32-bit floats,
 - 16-bit words,
 - 32-words
 - 8-bit chars
- Disconnect
- Float Conversion
 - (IEEE to VAX)
 - (VAX to IEEE)

An example client program is provided with the driver and may be viewed from the following links:

EIP_EXAMPLE_C.C
EIP_DEF_USER_C.H

EIP_EXAMPLE_FOR.FOR
EIP_DEF_USER_FOR.FOR



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