

# ControlLogixCom — CLC

## VMS to ControlLogix Communications

**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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ControlLogixCom or CLC 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

