COMPAQ

Software Product Description

PRODUCT NAME: BASEstar Classic DAS for Allen-Bradley INTERCHANGE Software, Version 3.4A **SPD 64.68.01**

DESCRIPTION

The BASEstar Classic DAS for Allen-Bradley INTERCHANGE Software allows users to access Allen-Bradley Programmable Logic Controllers (PLCs) through the BASEstar Classic Device Connect Manager (DCM).

Via BASEstar Classic DCM, the user may configure path, type, device and physical point definitions, and also configure for polled and unsolicited data collection.

The BASEstar Classic DAS for Allen-Bradley INTERCHANGE Software supports the following Allen-Bradley PLCs:

- Allen-Bradley Pyramid Integrator Chassis
- Allen-Bradley PLC-2 Family of devices (via DH from PI chassis)
- Allen-Bradley PLC-3 Family of devices (via DH from PI chassis)
- Allen-Bradley PLC-5 Family of devices (via DH+ from the PI chassis)
- Allen-Bradley PLC-5/XXE devices
- Allen-Bradley PLC-5/XXC devices (via 1785 ENET interface)
- Allen-Bradley SLC-5/03 and SLC-5/04 devices (via DH+ from PI chassis)
- Allen-Bradley SLC-5/05 devices

The BASEstar Classic DAS for Allen-Bradley INTERCHANGE Software supports the following device access functions:

- An Upload function that transfers the contents of device memory to a VMS file (Not supported by the PLC-5/250, PLC-2, PLC-3 or SLC devices)
- A Download function that transfers the contents of a VMS file to device memory (Not supported by the PLC-5/250, PLC-2, PLC-3 or SLC devices)
- A Simple Compare of device files (Not supported by the PLC-5/250, PLC-2, PLC-3 or SLC devices and not provided on OpenVMS/Alpha systems)
- A Read Data function that allows users and applications to read data from a specific address in device memory
- A Write Data function that allows users and applications to write data to a specific address in device memory
- A Read Status function that returns the following information:
  - — Processor type and communications interface model
  - — Operating mode and data table size for a PLC-2 system
  - — Operating mode, user program size, and memory size for a PLC-3 system
  - — Operating mode and memory size for a PLC-5 system
  - — Processor mode and processor size for a SLC system

- Receive Unsolicited Data from a device

HARDWARE REQUIREMENTS

Processors Supported

The processors supported by the following products will also support the DAS for Allen-Bradley INTERCHANGE Software:

- BASEstar Classic Server for OpenVMS VAX V3.4 (development and runtime)
- BASEstar Classic Server for OpenVMS Alpha V3.4 (development and runtime)

Disk Space Requirements (Block Cluster Size = 1)

For Compaq OpenVMS VAX and Alpha Kits

Disk space required for installation	2,000 blocks
Disk space required for use (permanent)	700 blocks

These counts refer to the disk space required on the system disk. The sizes are approximate; actual sizes may vary depending on the user's system environment, configuration, and software options.

SOFTWARE REQUIREMENTS

For OpenVMS VAX Systems:

- OpenVMS VAX Operating System Version 5.5-2, 6.1, 6.2, 7.0, 7.1, 7.2
- BASEstar Classic Server for OpenVMS VAX Version 3.4
- Allen-Bradley INTERCHANGE Software V6.0.2 or Allen-Bradley INTERCHANGE Software for the PI MicroVAX 3.1.1
- TCP/IP Services for OpenVMS V2.0D (UCX) 2.0E

For OpenVMS Alpha Systems:

- OpenVMS Alpha Operating System Version 6.1, 6.2, 7.0, 7.1, 7.2
- BASEstar Classic Server for OpenVMS Alpha Version 3.4
- Allen-Bradley INTERCHANGE Software V6.0.2 or Allen-Bradley INTERCHANGE Software for the PI MicroVAX 3.1.1
- TCP/IP Services for OpenVMS (UCX) V2.0E

GROWTH CONSIDERATIONS

The minimum hardware/software requirements for any future version of this product may be different from the minimum requirements for the current version.

DISTRIBUTION MEDIA

for OpenVMS VAX:

This product is available as part of the Compaq OpenVMS VAX Consolidated Software Distribution on CDROM. It is also available on TK50 Streaming Tape.

for OpenVMS Alpha:

This product is available as part of the Compaq OpenVMS Alpha Consolidated Software Distribution on CDROM.

ORDERING INFORMATION

For OpenVMS VAX

Software Licenses: QL-5K0A*-**
Software Documentation: QA-5K0AA-**
Software Product Services: QT-5K0A*-**

For OpenVMS Alpha

Software Licenses: QL-5JZA9-**
Software Documentation: QA-5K0AA-GZ
Software Product Services: QT-5JZA*-** QT-5K0AA-KZ

* Denotes variant fields. For additional information on available licenses, services and media, refer to the appropriate price book.

SOFTWARE LICENSING

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License Management Facility Support

This product supports the OpenVMS License Management Facility (LMF) Software on VAX and Alpha.

Documentation

A single "Installation & User's Guide" covers both the VAX and Alpha versions of this software.

SOFTWARE PRODUCT SERVICES

A variety of service options are available from Compaq. For more information, contact your local Compaq office.

SOFTWARE WARRANTY

Warranty for this software product is provided by Compaq with the purchase of a license for the product as defined in the Software Warranty Addendum of this SPD.

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