COMPAQ

Software Product Description

PRODUCT NAME: BASEstar Open DAS for Modicon, Version 3.1A **SPD 55.51.05**

DESCRIPTION

The BASEstar Open Device Access Software (DAS) for Modicon allows users to access Modicon Programmable Logic Controllers through BASEstar Open Device Services or BASEstar Open Data Services.

Via BASEstar Open Device Services the user may configure device and variable definitions, read and write variable values, and configure for polled data collection and information reports.

BASEstar Open Data Services provide device independent access to shop floor data allowing the user to configure data points, read and write data point values and generate events based on data changes.

The BASEstar Open DAS for Modicon supports the following Modicon Programmable Logic Controllers:

- Modicon Micro 84
- Modicon 184, 384, 484, 584M, 584L, 884
- Modicon 984 family of devices
- Modicon Quantum Automation Series of devices (when configured as Modicon 984 devices)

The Modbus protocol is supported on both Compaq Tru64 UNIX on Alpha and OpenVMS VAX platforms. Modbus RS-232, Modbus Plus and Modbus TCP/IP communications are supported. Modbus Plus support is limited to the OpenVMS platforms.

HARDWARE REQUIREMENTS

Processors Supported

The processors supported by the following products will also support the DAS for Modicon:

- BASEstar Open Server for OpenVMS VAX (development and runtime)
- BASEstar Open Server for OpenVMS Alpha (development and runtime)
- BASEstar Open Server for Compaq UNIX (development and runtime)

Other Hardware Required:

Support for the Modbus Plus protocol on OpenVMS VAX systems requires a Q–bus interface, plus a special hardware card and software driver supplied by Modicon.

Support for the Modbus Plus protocol on OpenVMS Alpha systems requires an ISA-bus interface, plus a special hardware card supplied by Modicon and a special software driver supplied by IPACT.

Please contact Modicon Corporation and/or IPACT (Integrated Process Automation & Control Technologies) for the required hardware and software part numbers for each Interface.

Disk Space Requirements (Block Cluster Size = 1)

For Compaq OpenVMS VAX and Alpha Kits

Disk space required for installation	1,000 blocks
Disk space required for use (permanent)	500 blocks

For Tru64 Unix Kits

Disk space required for installation	8,000 blocks
Disk space required for use (permanent)	5,000 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 6.1, 6.2, 7.1, 7.2
- BASEstar Open Server for OpenVMS VAX Version 3.1
- Compaq TCP/IP Services for OpenVMS V3.1 or higher if using Modbus TCP/IP

For OpenVMS Alpha Systems:

- OpenVMS Alpha Operating System Version 6.1, 6.2, 7.1, 7.2
- BASEstar Open Server for OpenVMS Alpha Version 3.1
- Compaq TCP/IP Services for OpenVMS V4.0 or higher if using Modbus TCP/IP

For Tru64 Unix Systems:

- Tru64 Unix Operating System Version 4.0
- BASEstar Open Server for Tru64 Unix Version 3.1

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.

for Tru64 Unix:

This product is available as part of the Tru64 Unix Consolidated Software Distribution on CDROM.

ORDERING INFORMATION

For OpenVMS VAX

Software Licenses: QL-11JA*-**
Software Documentation: QA-11JAA-**
Software Product Services: QT-11JA*-**

For OpenVMS Alpha

Software Licenses: QL-4V7A*-**
Software Documentation: QA-4V7AA-**
Software Product Services: QT-4V7A*-**

For Tru64 Unix Alpha

Software Licenses: QL-11HA*-**
Software Documentation: QA-11HAA-**
Software Product Services: QT-11HA*-**

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

SOFTWARE LICENSING

Confidential computer software. Valid license from Compaq or authorized sublicensor required for possession, use or copying. Consistent with FAR 12.211 and 12.212, Commercial Computer Software, Computer Software Documentation, and Technical Data for Commercial Items are licensed to the U.S. Government under vendor's standard commercial license.

License Management Facility Support

The product supports the License Management Software. For the OpenVMS VAX and Alpha versions the OpenVMS License Management Facility is used, while on Tru64 Unix, the Tru64 Unix License Management Facility is used.

Documentation

The product provides an Installation and User's guide.

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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