



# Software Product Description

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**PRODUCT NAME: BASEstar Classic DAS for Siemens H1 Protocol, Version 3.4 SPD 61.41.00**

## DESCRIPTION

The BASEstar Classic DAS for Siemens H1 Protocol allows users to access Siemens 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 configure for polled and unsolicited data collection.

The BASEstar Classic DAS for Siemens H1 Protocol supports the following Siemens PLCs:

- S115U
- S135U
- S150U
- S155U

The BASEstar Classic DAS for Siemens H1 Protocol supports the following device access functions:

- An Upload function that transfers the contents of a device's memory to a VMS file (Not supported for the S155U device)
- A Download function that transfers the contents of a VMS file to a device's memory (Not supported for the S155U device)
- Start and Stop functions that change the operating mode of a programmable controller (Not supported for the S155U device)
- A Read Data function that allows users and applications to read data from a specific address in device's memory
- A write data function that allows users and applications to write data to a specific address in a device's memory
- A read status function that returns the following information (Not supported for the S155U device):
  - Status of the CP511 board
  - PLC type and software version

- PLC type and software version
- Receive Unsolicited Data from a device

## HARDWARE REQUIREMENTS

### *Processors Supported*

The processors supported by the following products will also support the DAS for Siemens H1 Protocol:

- 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 Digital OpenVMS VAX and Alpha Kits*

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

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
- BASEstar Classic Server for OpenVMS VAX Version 3.4
- DECnet/OSI 5.6B or higher

### *For OpenVMS Alpha Systems:*

- OpenVMS Alpha Operating System Version 6.1, 6.2, 7.0

- BASEstar Classic Server for OpenVMS Alpha Version 3.4
- DECnet/OSI 5.7 or higher

### 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 Digital 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 Digital OpenVMS Alpha Consolidated Software Distribution on CDROM.

### ORDERING INFORMATION

*For OpenVMS VAX*

Software Licenses: QL-5K4A\*-\*\*  
 Software Documentation: QA-5K4AA-\*\*  
 Software Product Services: QT-5K4A\*-\*\*

*For OpenVMS Alpha*

Software Licenses: QL-5K3A9-\*\*  
 Software Documentation: QA-5K4AA-GZ  
 Software Product Services: QT-5K3A\*-\*\* QT-5K4AA-KZ

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

### SOFTWARE LICENSING

This software is furnished only under a license. For more information about Digital's licensing terms and policies, contact your local Digital office.

*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 Digital. For more information, contact your local Digital office.

### SOFTWARE WARRANTY

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

The above information is valid at time of release. Please contact your local Digital office for the most up-to-date information.

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