

CRISP Automation Systems Documentation

Manual Number: MAN-DEBUG-SPD-031

Subject: CRISP DEBUG 3.1 Software Product Description

Date Created: 08/13/2002 Revision 1.0 Date Revised: N/A

Effective Date: 08/13/2002

Supersedes: N/A

Revision History

<u>Revision</u>	<u>Date Issued</u>	<u>Description</u>	<u>Author</u>	<u>Approval</u>
1.0	08/13/2002	Original issue	S. Quayle	K. Wild

Reference Documents:

N/A

Prepared By: Stanley Quayle Approved By: Kenneth Wild

Dept: Engineering Dept: Quality Assurance

Effective Date: 08/13/2002 Supercedes: N/A

Note: This document is only valid on the date that it is printed.

Date Printed: 10/27/2001 11:05

CRISP Automation Systems Documentation

Manual Number: MAN-DEBUG-SPD-031

Subject: CRISP DEBUG 3.1 Software Product Description

Date Created: 08/13/2002 Revision 1.0 Date Revised: N/A

DESCRIPTION

The CRISP DEBUG product is used to debug logic processes on a CRISP/32 system at the system level.

A different product, the CRISP Debugger, allows debugging of a logic at the CRISP source code level.

AUDIENCE

Users of the CRISP DEBUG product must be familiar with the OpenVMS debugger and C code. Familiarity with MACRO code will be useful. Previous experience with debugging detached processes on OpenVMS will be very useful.

FEATURES

Source Code

The CRISP DEBUG product includes all source code that is used by logic processes. The source code is installed in directory CRISP\$:[.SRC] on the target system.

Logic Build

The LGBUILD command allows options of "/DEBUG" and "/LIB" when a logic is built. When the CRISP DEBUG product is installed, these options are effective.

Non-RTL

When a logic is built with the "/LIB" switch, the libraries provided by the CRISP DEBUG product are used, instead of the CRISP Logic run-time library, CRISPLOGICRTL.EXE.

HARDWARE REQUIREMENTS

- Any system that supports OpenVMS.

Prepared By: Stanley Quayle Approved By: Kenneth Wild

Dept: Engineering Dept: Quality Assurance

Effective Date: 08/13/2002 Supersedes: N/A

Note: This document is only valid on the date that it is printed.

Date Printed: 10/27/2001 11:05

CRISP Automation Systems Documentation

Manual Number: MAN-DEBUG-SPD-031

Subject: CRISP DEBUG 3.1 Software Product Description

Date Created: 08/13/2002 Revision 1.0 Date Revised: N/A

SOFTWARE REQUIREMENTS

- OpenVMS Operating System 5.5-2 or later (VAX); 7.2 or later (Alpha).
- The CRISP/32 product must be installed. The versions of CRISP/32 and CRISP DEBUG must match exactly.
- The CRISP DEBUG product must not be installed on a production CRISP/32 system. Production systems with CRISP DEBUG installed are not a supported configuration of CRISP/32.

LICENSING REQUIREMENTS

The CRISP-SOURCE product authorization kit (PAK) must be installed and loaded on the system prior to installing the CRISP DEBUG product. A source code licensing agreement must be executed with CRISP Automation before the PAK will be issued.

SOFTWARE LICENSING

This software product is furnished under the licensing provisions and Terms and Conditions of Sale of the Automation Software Products business of the CRISP Automation. The software can be licensed for a single CPU or for multiple CPU's.

SOFTWARE WARRANTY

Warranty for this software product is twelve (12) months from the time of shipment and is provided by CRISP Automation with the purchase of a license for the product. The software is warranted to conform to this Software Product Description.

SOFTWARE SUPPORT AGREEMENT

Prepared By: Stanley Quayle Approved By: Kenneth Wild

Dept: Engineering

Dept: Quality Assurance

Effective Date: 08/13/2002

Supersedes: N/A

Note: This document is only valid on the date that it is printed.

Date Printed: 10/27/2001 11:05

CRISP Automation Systems Documentation

Manual Number: MAN-DEBUG-SPD-031

Subject: CRISP DEBUG 3.1 Software Product Description

Date Created: 08/13/2002 Revision 1.0 Date Revised: N/A

This software product comes with a six (6) month software support agreement that includes new software releases, interim updates, remote diagnostic support and telephone consultation. The agreement can be renewed on an annual basis by the customer for a minimal fee.

Prepared By: Stanley Quayle Approved By: Kenneth Wild

Dept: Engineering Dept: Quality Assurance

Effective Date: 08/13/2002 Supersedes: N/A

Note: This document is only valid on the date that it is printed.

Date Printed: 10/27/2001 11:05