Software Product Description

PRODUCT NAME: SSS Protocol Library, Version 2.0   **SPD 46.83.00**

DESCRIPTION

The SSS Protocol Library is a software product developed by Digital Equipment Corporation to integrate third-party communication solutions and line protocols with Digital's Self Service software platform. Through the use of the SSS Protocol Library, the characteristics of communication protocols and third-party vendor implementations are made invisible to the application programs. Thus, a generic and protocol independent Application Program Interface is created for accessing the communications link. The SSS Protocol Library provides the necessary portability for Self Service application software between the various line protocols and communication environments.

Software Architecture

Each title in the SSS Protocol Library corresponds to a specific line protocol as indicated in the title name. The software components are provided as library modules and are linked with the Data Communications Handler of the SSS Application Services.

The SSS Protocol Library is an integral part of Digital's Self Service software platform and complies with established standards for personal computer hardware and software components.

The following titles are available:

- Async. RS232/V.24
- BSC 3274/3174 ASCII/EBCDIC
- SNA/SDLC 3270 LU 2 HLLAPI
- SNA/SDLC LU 0
- X.25/SNA/QLLC LU 0

Each title in the SSS Protocol Library, with the exception of Async. RS232/V.24, is based on hardware and software components from third-party suppliers. These components are not supplied by Digital Equipment Corporation, but must be sourced locally. For references to the various suppliers and products, please see the relevant SSS Protocol Library manual.

HARDWARE REQUIREMENTS

Processors Supported

Minimum IBM® PC/AT® 16 Mhz or compatible personal computer with a minimum 2 MB of RAM is recommended.

Memory Requirements

Typically 50 KB to 250 KB of RAM, depending on the configuration. 2 MB of available hard disc space is required.

Processor speed, volatile memory, and minimum hard disc space are determined by the overall application software performance requirements.

Digital's Self Service Systems

- WB10 Compact Statement Terminal
- WB11 Compact Information Terminal
- WB21 Compact Cash System

SOFTWARE REQUIREMENTS

MS–DOS® Release 5.0 at a minimum

SSS Device Drivers Library V3.0

SSS Application Services V2.0

GROWTH CONSIDERATIONS

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

DISTRIBUTION MEDIA

3.5-inch diskette

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ORDERING INFORMATION

Software Licenses:

QL-0RSAW-AA   Async. RS232/V.24

QL-0RTAW-AA   BSC 3274/3174 ASCII/EBCDIC

QL-0RUAW-AA   SNA/SDLC 3270 LU2 HLLAPI

QL-0RVAW-AA   SNA/SDLC LU0 & X.25/SNA/QLLC LU0

These licenses support a site limited to the configuration of one Self Service system.

Software Kits:

QA-0RSAA-HC   Async. RS232/V.24

QA-0RTAA-HC   BSC 3274/3174 ASCII/EBCDIC

QA-0RUAA-HC   SNA/SDLC 3270 LU2 HLLAPI

QA-0RVAA-HC   SNA/SDLC LU0 & X.25/SNA/QLLC LU0

The kits contain one Software License, Documentation, and Media.

Documentation:

AA-PY2PA-TE   *SSB AS Data Comm. Handler RS232 /V.24, Reference Manual*

AA-PYATA-TE   *SSB Line Protocol Library, BSC 3274 /3174 ASCII/EBCDIC, Reference Manual*

AA-PY39A-TE   *SSB Line Protocol Library, SNA/SDLC 3270 LU2 HLLAPI & BSC 3270 HLLAPI, Reference Manual*

AA-PY3AA-TE   *SSB Line Protocol Library, SNA/SDLC LU0 & X.25/SNA/SDLC/QLLC LU0, Reference Manual*

SOFTWARE LICENSING

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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 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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