PRODUCT NAME: PTS-11, Version 1, Paper Tape System SPD 9.1.1

DESCRIPTION:

PTS-11 is a collection of stand-alone programs which provide an environment for the development of PDP-11 software. The PTS-11 system supports low-speed and high-speed paper tape devices, as well as line printer in a device independent fashion, allowing for convenient manipulation of paper tapes as a program is developed.

PTS-11 has the following components:

ED-11 – An editor which provides for the creation and modification of ASCII source tapes.

PAL-11A – An absolute assembler for converting ASCII sources into absolute binary tapes for loading and execution.

PAL-11S – A relocatable assembler which converts ASCII source tapes into relocatable binary modules. PAL-11S offers the advantages of preparing a program in small segments, and of conditional assembly capabilities.

LINK-11S – A link editor which links relocatable modules output by PAL-11S into an absolute load module for execution.

Absolute Loader – A program which loads absolute binary tapes into core. Absolute loader provides for load-time relocation of PIC programs and automatic program starting.

ODT-11 and ODT-11X – Debugging tools which provide for on-line modification and control of program execution.

IOX – A device-independent I/O executive which enables users to conveniently interface their software to the devices supported by PTS.

MINIMUM HARDWARE REQUIRED:

Any PDP-11 Processor (except LSI-11 based products) with:

● at least 16K bytes of memory
● console terminal
● paper tape I/O device (LT33 or LT35 low-speed reader/punch or PC11 high-speed reader/punch)

OPTIONAL HARDWARE:

Additional memory to a system total of 56K Bytes
LP11 Line Printer

PREREQUISITE SOFTWARE:
None

OPTIONAL SOFTWARE:
None

TRAINING CREDITS:
None

SUPPORT CATEGORY:

C – Software Support will be provided as listed in the Software Support Categories Addendum to this SPD.

UPDATE POLICY:

No updates are planned for this product

ORDERING INFORMATION:

This software is furnished under a license for use on a single CPU and can be copied and modified (with inclusion of DIGITAL's copyright notice) only for use on such CPU, except as may otherwise be provided in writing by DIGITAL.

The following key (B, Z) represents the distribution media for the product and must be specified at the end of the "Q" number, i.e., QJ100-CB = binaries on paper tape.

B = Paper Tape
Z = No hardware dependency

Standard Options

QJ100 -C— Single-use license, binaries, documentation, no support services (media: B)

QJ100 -D— Single-use license only (media: Z)

ADDITIONAL SERVICES:
None

D9.1.1