Software Product Description

PRODUCT NAME: DECvoice Software, Version 1.1 **SPD 29.97.01**

DESCRIPTION

DECvoice Software is a software package containing the microcode and software necessary to provide a programming interface for the DECvoice DTC04-AA module. DECvoice includes microcode subsystems for performing various voice-related tasks including text-to-speech synthesis, speaker independent isolated word speech recognition, digitized voice storage and playback and North American telephony control functions. DECvoice Software also supports a separately licensed continuous word recognizer.

The text-to-speech subsystem support is comparable to the DECtalk family of speech synthesizers. The digitized speech subsystem supports encoding at 64 kilobits per second (Kbps) u-LAW, 64Kbps A-LAW, 32 Kbps ADPCM and 16 Kbps sub-band. The isolated word recognition software, licensed as part of the base kit, and the continuous word recognition software, licensed seperately, are optimized for native speakers of American English. The telephony subsystem fully complies with the applicable telephony regulations of the United States and Canada. The DECvoice is registered with the United States Federal Communications Commission and the Canadian Department of Communications.

Both the isolated word recognition subsystem voice recognition standard templates and the optional continuous word recognition subsystem voice recognition templates contain speaker independent recognition support for the digits zero through nine, and the words "yes," "no," and often used as a substitute for zero, "oh". Tools are provided to allow the creation of site and application specific isolated word templates.

SOURCE CODE INFORMATION

The following DECvoice source code modules are provided on magnetic distribution media:

- Versions of utilities and prototype application programs. These source code modules are intended to demonstrate and assist customers in their implementations of various voice technologies. These modules are supplied without warranties.

Digital provides these source modules on an **"AS IS"** basis.

HARDWARE REQUIREMENTS

VAX, MicroVAX or VAXstation configuration as specified in the System Support Addendum (SSA 29.97.01-x).

SOFTWARE REQUIREMENTS *

- VMS Operating System

* Refer to the System Support Addendum for availability and required versions of prerequisite/optional software (SSA 29.97.01-x).

OPTIONAL SOFTWARE

DECvoice Continuous Word Automatic Speech Recognition Software V1.1

A separate license is required for this product. The binaries and documentation for this product are integrated into the DECvoice Software media kit and the DECvoice Software documentation kit respectively.

ORDERING INFORMATION

Software Licenses: QL-VFUA*-**
Software Media: QA-VFUA*-**
Software Documentation: QA-VFUAA-GZ
Software Product Services: QT-VFUA*-**

Continuous Word Recognizer Licenses: QL-YFCA*-**
Continuous Word Recognizer Services: QT-YFCA*-**

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

SOFTWARE LICENSING

A license is required for the base product. The base product is licensed by a traditional license. The list of processors currently supported and applicable processor restrictions is located in the System Support Addendum.

The Continuous Word Recognizer License is required, in addition to the base DECvoice software license, if the Continuous Word Recognition capabilities are to be utilized. The Continuous Word Recognizer product is licensed as an Activity License.

This software is furnished under the licensing provisions of Digital Equipment Corporation's Standard Terms and Conditions. For more information about Digital's licensing terms and policies, contact your local Digital office.

LICENSE MANAGEMENT FACILITY SUPPORT

This layered product supports the VMS License Management Facility.

The DECvoice software base product, including the isolated word recognizer, is licensed by a traditional license.

License units for the base product are allocated on a CPU-capacity basis; the license is processed tiered.

The license for the Continuous Word Recognizer is an activity license.

Access to the Continuous Word Recognizer capabilities is based on the number of simiultaneous activities of the recognizer. The Continuous Word Recognizer software requires a certain number of license units (one hundred) per activity, regardless of processor. The Continuous Word Recognizer license provides a predetermined number of units, and thus a predetermined number of simultaneous activities of the product. As each activity of the Continuous Word Recognizer is terminated, the units are returned for use by another application.

For more information on the License Management Facility, refer to the VMS Operating System Software Product Description (SPD 25.01.xx) or the License Management Facility manual of the VMS Operating System documentation set.

For more information about Digital's licensing terms and policies, contact your local Digital office.

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.