

# ***Product Standard***

## **General Interworking: Sockets**

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Product Standard

General Interworking: Sockets

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# ***Product Standard***

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## **NAME**

Sockets

## **LABEL FOR LOGO**

No label.

## **DESCRIPTION**

This Product Standard provides applications with the sockets interface to the underlying communications system. Note that product registration is only available in association with an Internationalized System Calls and Libraries Extended Portability Environment.

## **CONFORMANCE REQUIREMENTS**

### **Human-Computer Interface**

Not applicable.

### **Portability Interface**

X/Open Networking Services, Issue 4 Specification<sup>1</sup>, Chapters 1 and 8 to 11.

### **Programming Language Environment**

C Language. Dialect ISO C. ISO C source programs invoking the services of this Product Standard must be supported by the registered product.

### **Interoperability**

- Data Interchange Formats

None.

- Communications Interfaces and Protocols

Products conforming to the Sockets Product Standard shall be available in configurations that support the following socket domains:

- AF\_INET, with at least the SOCK\_STREAM and SOCK\_DGRAM socket types

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1. CAE Specification, August 1994, Networking Services, Issue 4 (ISBN: 1-85912-049-0, C438).

— AF\_UNIX, with at least the SOCK\_STREAM socket type.

Guidance on the Internet Protocol Suite, required for support of AF\_INET domain sockets, may be found in the Guide to the Internet Protocol Suite.<sup>2</sup>

**OPERATIONAL ENVIRONMENT**

Not applicable.

**PORTABILITY ENVIRONMENT**

Internationalized System Calls and Libraries Extended.

**OVERRIDING STANDARDS**

None.

**INDICATORS OF COMPLIANCE**

A Test Report from a currently authorized release of the VSU4 Sockets Test Suite.

**MIGRATION**

Not applicable.

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2. Guide, April 1991, Guide to the Internet Protocol Suite (ISBN: 1-872630-08-1, G110).