Product Standard

General Interworking:
X.400 Gateway

The Open Group
Product Standard

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Product Standard

NAME
X.400 Gateway

LABEL FOR LOGO
No label.

DESCRIPTION
This Product Standard provides facilities for the construction of portable gateway applications that allow messages from one messaging system (for example, electronic mail) to be converted and forwarded according to the formats and conventions of another messaging system.

Usage is not restricted to electronic mail since the interfaces and protocols may equally be used to convey messages containing arbitrary binary data; for example, Electronic Data Interchange (EDI).

Usage is not restricted to X.400 OSI networks as the programming interfaces are equally applicable to other protocols.

CONFORMANCE REQUIREMENTS

Human-Computer Interface
Not applicable.

Portability Interface
The Message Transfer (MT) interface as stated in the conformance clauses in the API to Electronic Mail (X.400) Specification\(^1\), Section 1.8, Conformance.

The conformance clauses also reference the OSI-Abstract-Data Manipulation API (XOM) Specification\(^2\).

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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 X.400 Gateway Product Standard shall be available in a configuration that supports at least one of the following X.400 profiles:


  Support for other protocols, for example, X.400 (1988), can be declared in the Conformance Statement.

OPERATIONAL ENVIRONMENT

Not applicable.

PORTABILITY ENVIRONMENT


OVERRIDING STANDARDS

None.

INDICATORS OF COMPLIANCE

None.

The test environment used must consist of two systems communicating using protocol stacks declared in the Conformance Statement.

MIGRATION

Not applicable.