

# Solstice™ FTAM 9.0

## File Transfer, Access and Management

Solstice™ FTAM implements the ISO FTAM protocol (ISO 8571) for transferring, accessing, and managing files between diverse file systems. This method of managing files works by mapping the characteristics of diverse file systems to a common model — the virtual file store.

Solstice FTAM supports concurrent connections to X.25, TCP/IP, and local area networks such as Ethernet and FDDI.

### Benefits

- **For end-users,** Solstice FTAM provides a complete solution for file transfer, access, and management through a user-interface that resembles the UNIX® ftp facility.
- **For system administrators,** Solstice FTAM offers an easy-to-use graphical interface designed to simplify the task of configuring the FTAM applications.
- **For application developers,** Solstice FTAM offers an easy way to develop customized FTAM applications that run on the Solstice™ OSI Communication Platform.

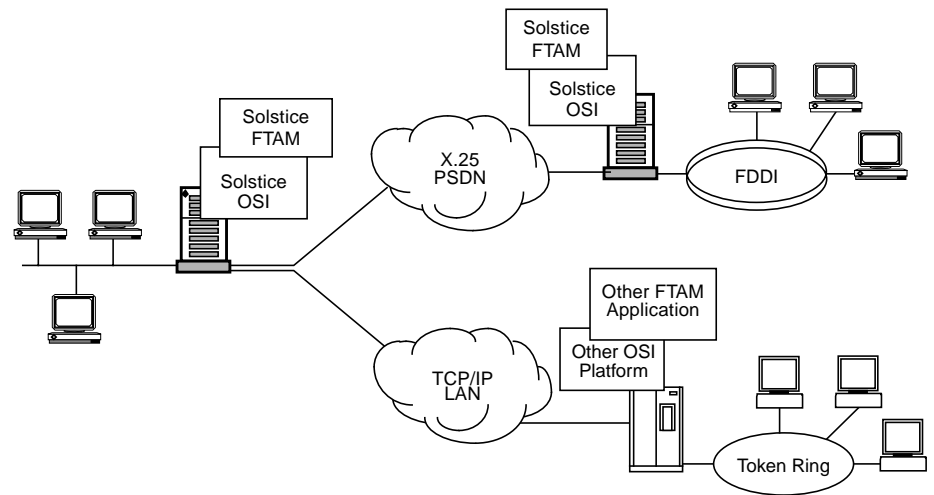
### Initiator and Responder Applications

Solstice FTAM provides a Solstice FTAM initiator application that runs on the Solstice OSI Communication Platform and initiates connections to any FTAM responder. It also provides a Solstice FTAM responder application that runs on Solstice OSI and accepts connections from any FTAM initiator.

The Solstice FTAM Initiator (*osif tam*) is an FTAM client application that is used to initiate connections to a remote FTAM responder application (such as *osif tr*) and to manipulate files remotely once the connection is established.

The Solstice FTAM Initiator has a command-line interface that resembles that of the UNIX ftp facility. However, in addition to the basic file transfer facilities offered by ftp, Solstice FTAM offers extensive file access, management, and error-recovery functions.

The Solstice FTAM Responder (*osif tr*) is an FTAM server application that operates transparently to respond to requests initiated by remote FTAM initiator applications, such as *osif tam*.



## Developing Custom FTAM Applications

Solstice FTAM provides an API for developing customized initiator applications that run on the Solstice OSI Communication Platform. It also provides a stubs file of skeleton C functions that are used to customize the Solstice FTAM Responder application.

## Configuration and Administration

Solstice FTAM includes an easy-to-use graphical user interface (GUI) to configure the Solstice FTAM applications. It includes a facility for building a remote systems database (RSDB) that contains the OSI addresses of all the systems that can be accessed using the Solstice FTAM Initiator.

## Protocol Information

Supported Document Types:

- FTAM-1 (unstructured text)
- FTAM-2 (structured text)
- FTAM-3 (binary)
- NBS-9 (directory)
- INTAP-1 (Japan)

Service Classes:

- Transfer
- Access
- Management
- Transfer and Management

Functional Units:

- Kernel
- Read
- Write
- File Access
- Limited File Management
- Enhanced File Management
- Grouping
- Recovery

NIST Supported Profiles:

- T1 (simple file transfer)
- T2 (positional file transfer)
- A1 (simple file access)
- M1 (management)

Conformance (Pending):

- US GOSIP version 2
- UK GOSIP version 3.1
- OSTC

## System Requirements

The Solstice FTAM release package includes the product software, on-line documentation, and a Right-to-Use license.

To use Solstice FTAM 9.0 you require:

- A SPARC™ platform with 64 MB RAM running the Solaris™ 8 Operating Environment.
- Solstice OSI 9.0 Communication Platform if you do not use the RFC 1006 driver provided by Solstice FTAM 9.0.

## Licensing

Solstice FTAM incorporates a floating license system. The number of Right-To-Use licenses defines the number of machines on which the software can run concurrently.

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