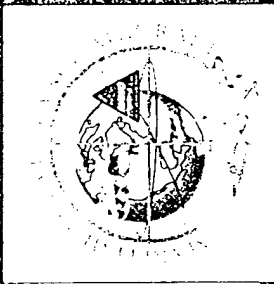


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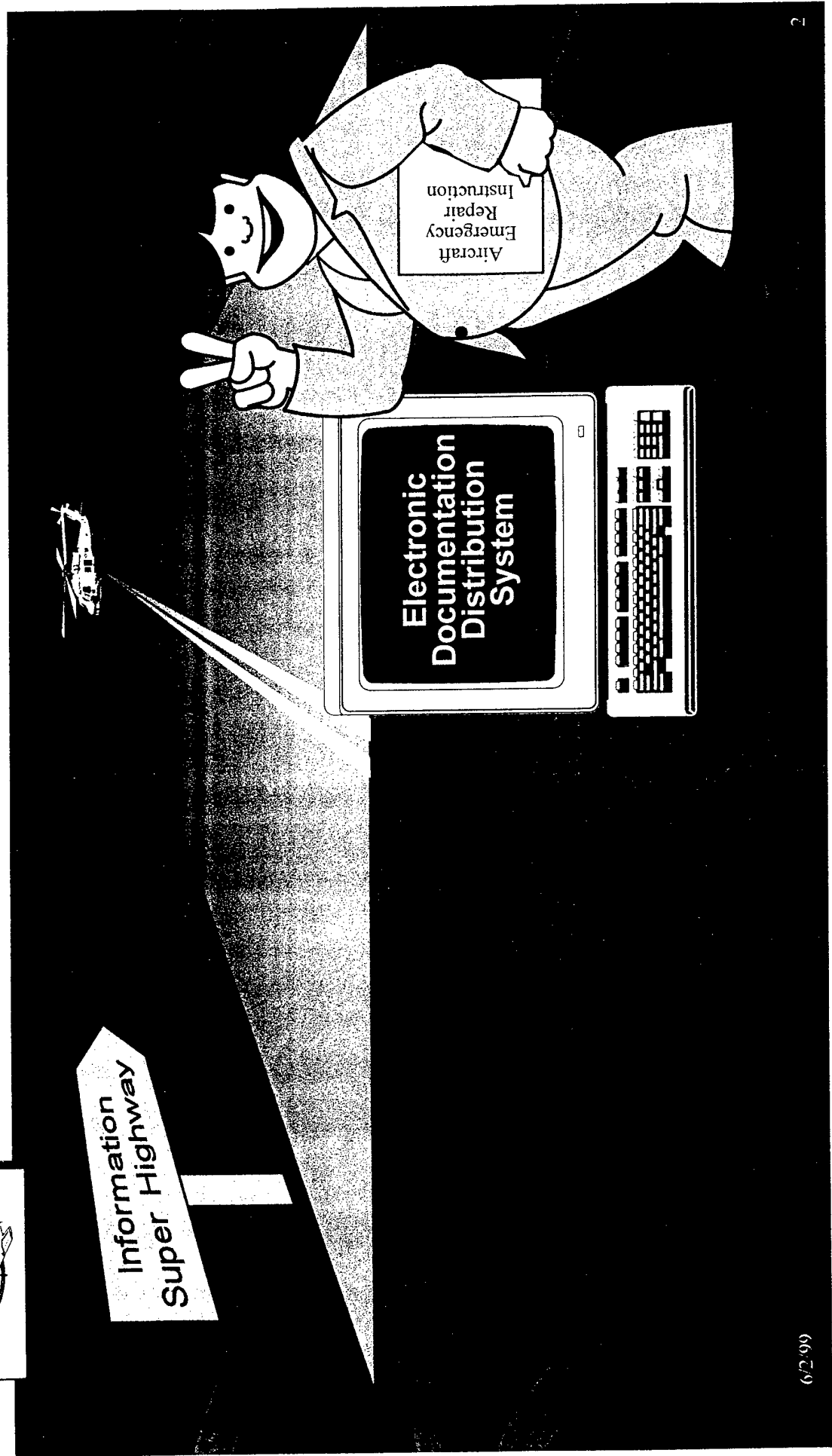
The Electronic Documentation Distribution System (EDDS)

Presented by
Douglas Reichl

NAVY AIRCRAFT DEVELOPMENT CENTER
P.O. BOX 10000
Ft. Belvoir, MO 64062-1000



Web Applications in Making Information Work for the Warfighter



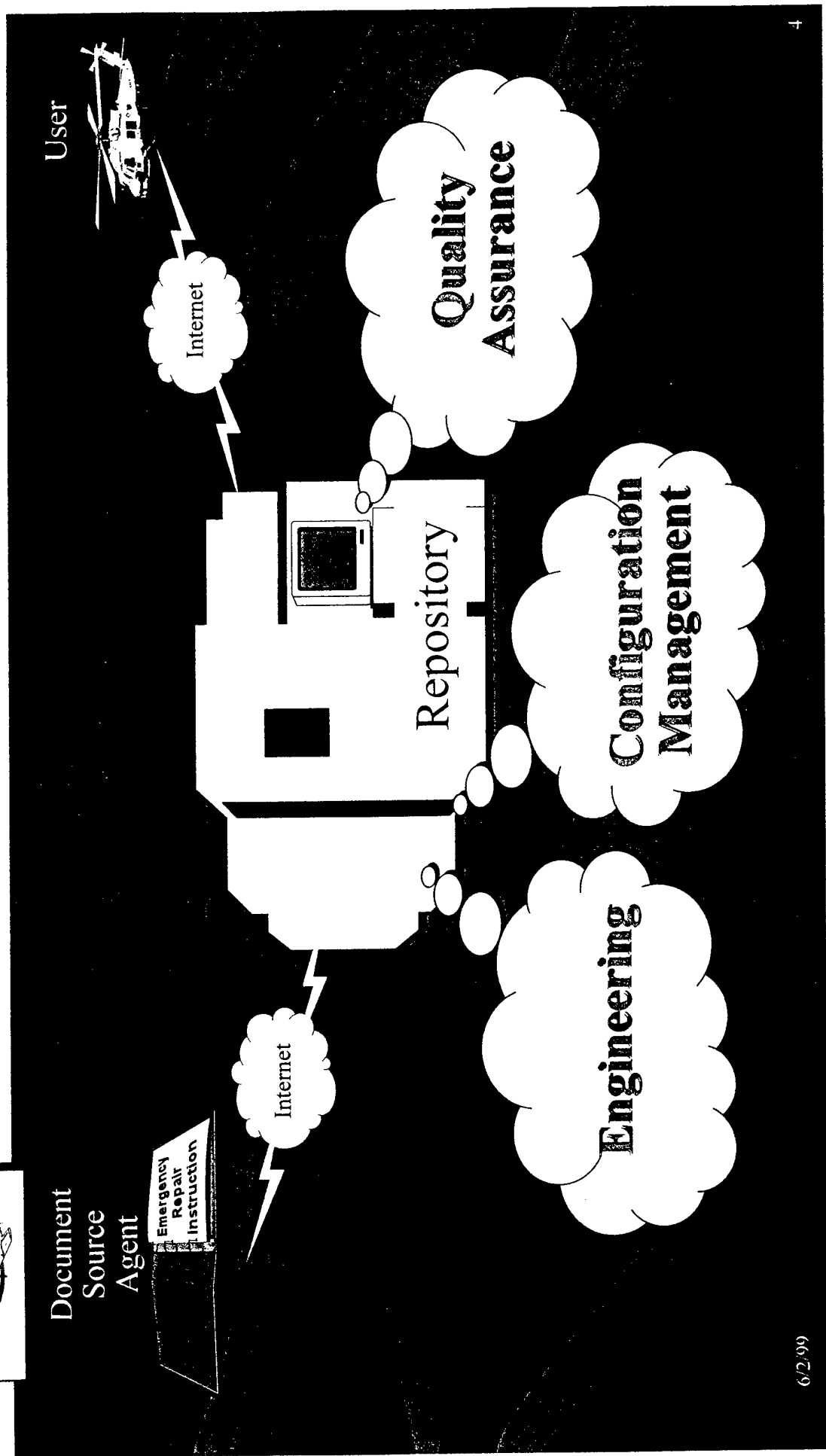


Electronic Documentation Distribution System

- WHAT?
- WHY?
- HOW?



EDDS Functional Overview

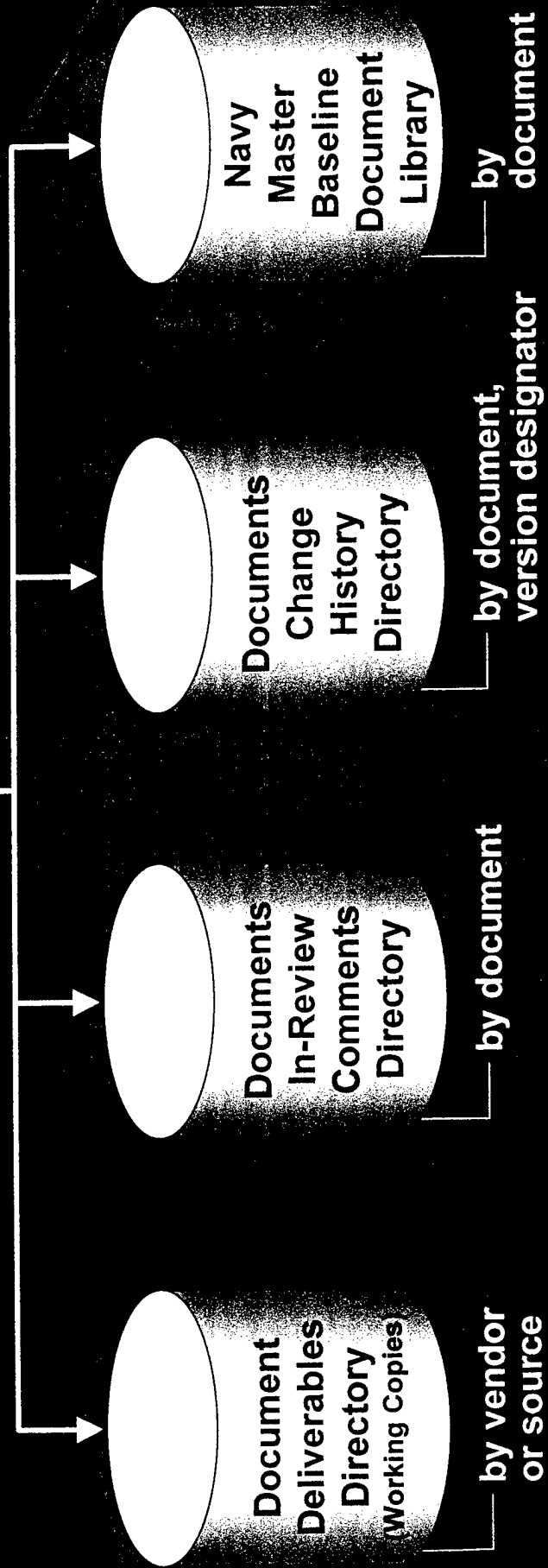




EDDS Database Structure



Firewall Security, Encryption,
Virus Protection, Access/Privileges Control, etc.





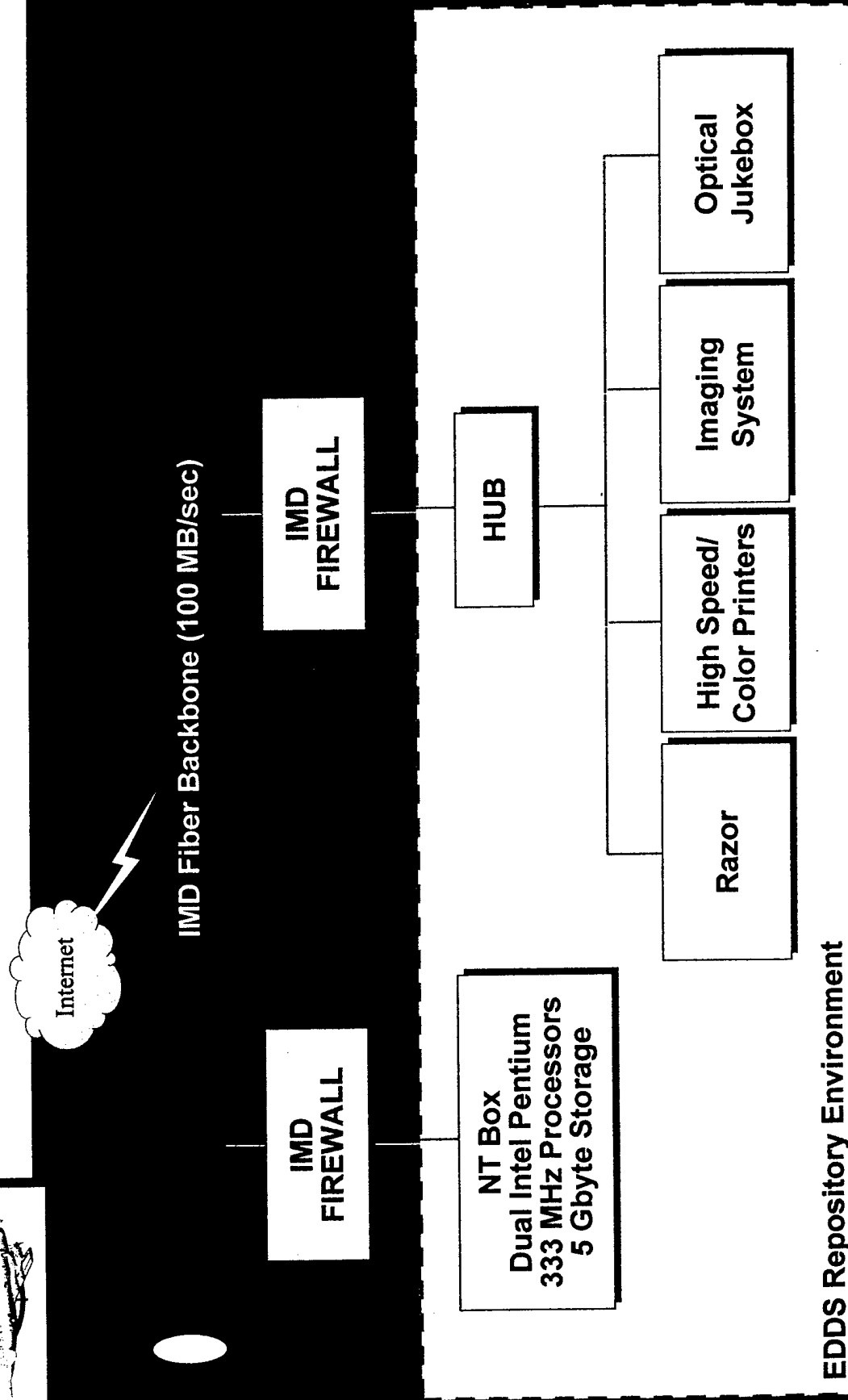
EDDS Access/Privileges Control Across Database Directories/Subdirectories

Position	Sources Own Deliverables Subdirectory Only			All Deliverables Subdirectories			Documents Master Baseline			Documents Comments*			Documents Change History		
	Read	Write	Delete	Read	Write	Delete	Read	Write	Delete	Read	Write	Delete	Read	Write	Delete
Vendors	X	X					X			X	X		X		
NAWC Project Team	X	X					X			X	X		X		
SPF Staff				X			X			X			X		
CM/DM				X	X	X	X	X	X	X	X	X	X	X	X
Customers/Users							X					X			

* Reviewers/Users cannot overwrite existing files in "Comments"

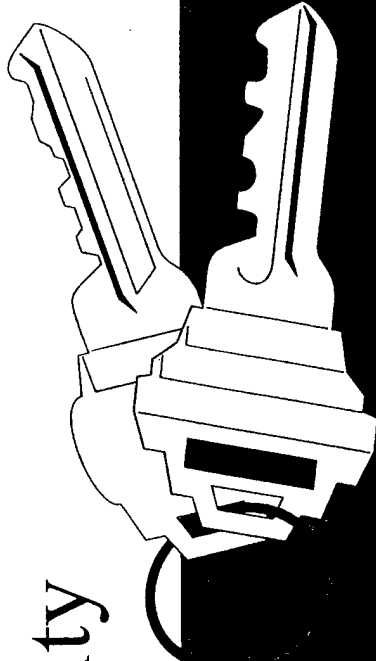


EDDS System Block Diagram





Security



DES Modes
of Operations

NIST Federal Information Processing
Standards on Computer Security

FIPS 113: Computer Data Authentication

Cryptographic Module Validation (CMV)

FIPS 140-1: Security Requirements
for Cryptographic Modules

DSA/SHA-1 or SHA-1 Implementation

FIPS 46-2: Data Encryption
Standard (DES)

FIPS 185: Escrowed
Encryption Standard (EES)

Triple DES (as specified
in ANSI X9.52)

FIPS 180-1: Secure Hash
Standard (SHS)

FIPS 186-1: Digital
Signature Standard

ANSI X9.17: Key Management

FIPS 46-2 and 81: Data Encryption Standard
(DES) and DES Modes of Operation

SKIPJACK Algorithm

DSA and SHA-1 Validation List

Cryptographic Modules Testing (CMT)

ANSI X9.31: RSA Digital
Signature Algorithm



In-Process Enhancements to Internet Capabilities and Performance



Teledesic Broadband Satellite

“Internet-in-the-Sky”

- Commercial Satellite Worldwide Network
- Global coverage serving mobile terminals
- Extending Capabilities of the Net
 - Beyond just text and graphics
 - High quality voice and video
- Higher Bandwidth and Reduced Latency



Making Information Work for the Warfighter



Hey, Bud! What a life saver!
Emergency repair manuals
on the Web.