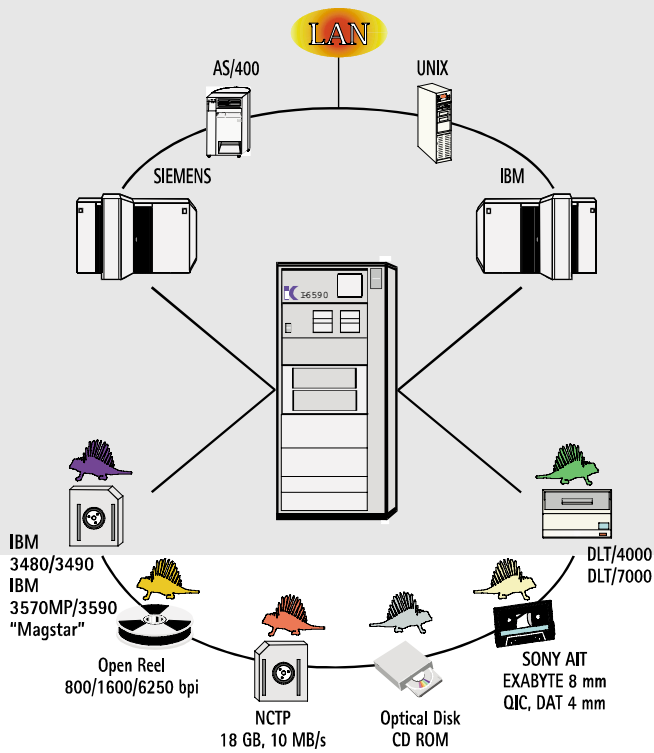




Intercom
Computer
Systems



I-6590 Chameleon Tape System

One Size fits All

Open Tape Storage System for Mixed Media and Mixed Platforms

Open Reels, 3480, 3490, 3590, Magstar, LTO Ultrium, DLT, SDLT and AIT. Data centers have to deal with an ever increasing array of tape products. Helping manage multiple tape medias, simple and cost effectively, is the goal of Intercom's open tape storage system.

Chameleon is the industry's first and only Open Tape Storage (OSTS) system. With a single tape system, data centers can support their full range of tape medias for a wide range of host processors, including mainframes, midrange systems, UNIX systems, local area networks and PC's.

IBM 3590, 3490E, 3480 and Open Reels

The Chameleon provides full forward and backward compatibility between 3480, 3490E and 3590 data formats, as well as open reels with 800, 1600 and 6250 bpi. The sophisticated control unit maintains software compatibility. Tape transports for different media formats can coexist on the same controller.

Easy to Operate

An intelligent operator display on each drive provides continuous drive status and built-in diagnostic information. Any size tape reel is automatically loaded simply by closing the door. The sophisticated reel drive mechanism reduces noise and vibration.

IBM S/390 Connectivity

The I-6590 tape system connects to the Block Multiplex Channel of the systems S/390 and compatible systems, such as Amdahl, Compax, HDS and Siemens.

ESCON for S/390

An optional ESCON interface provides connectivity to IBM's Enterprise Systems and z/Server. It features all the advanced ESCON capabilities, such as extended distance and high data rate.

AS/400, RS/6000 and SCSI Connectivity

The tape subsystem is appropriate for the high end midrange systems and workstations. It provides high speed operation to midrange systems, normally available only for mainframes.

Highlights

High Data Rate

ESCON 17 MB/s
OEMI Channel 4,5 MB/s

Tape Format

Open Reel: 1600, 6250 bpi
Cartridge: 3590, 3490, 3480

Low Floor Space

19" Rack Mountable Unit

Connectivity

IBM S/390
IBM AS/400
IBM RS/6000
Siemens BS/2000

Connectivity

Dynamic-Channel-Switch
Eight Storage Directors support:
- 3590/3490/3480 Cartridges
- LTO Ultrium, DLT, SDLT,
- AIT, Exabyte
- 4 mm DAT Cassette Drives
- Optical Disk Drives

A Powerful Controller

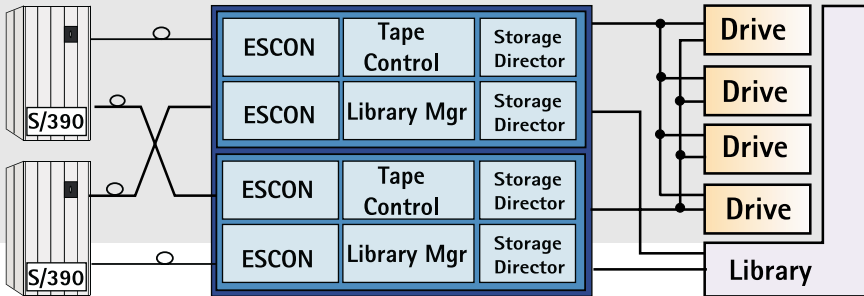
The I-6590 control unit connects to all IBM channel types and SCSI interfaces. It supports ESCON and Block Multiplex Channels simultaneously. The dynamic channel switch feature supports up to eight hosts.

The basic controller includes one storage director, maintaining up to sixteen tape drives. Simultaneous high speed data transfer and support of different storage media is available through up to 7 optional storage directors. Each storage director controls one to sixteen drives of the same type, but different storage directors can control drives

of different types. This feature enables the intermix of 1/2 inch open reel drives, 8 mm cassette drives, 1/2 inch 3490 cartridge drives and other devices on the same controller.

Popular Tape System Emulation

The Cassette System emulates all popular IBM and FSC tape system and is software compatible with all operating systems.



Specifications

ESCON Channel

Fiber Optic:	62.5/125 Micron
Data Rate:	17 MB/s
Distance:	3 km (Multi Mode) 10 km (Single Mode)

BUS/TAG Channel

	Parallel Channel
Data Rate:	4.5 MB/s
Distance:	61/122 m

Control Unit

Supported Drives:	16
Number of Directors:	8
Number of Channels:	8
Channel Switch	16 x 12

Compatibility

IBM S/370, S/390, BS2000
AS/400 (Feature 2604, 2622, 2644)
RS/6000 (Block Multiplex Feat.)

Device Emulations

IBM 3422
IBM 3490 E
IBM 3480
Siemens 3519, Siemens 3590

Dimensions

Width:
Height:
Depth:
Weight: 77.0 pound (35 kg)

Environment data

Temperature: 50° - 104° F
(10° - 40° C)
Acoustic Noise: 55 dba
(ECMA 74)

Power

110/220 V, 48 - 62 Hz
150 VA standby
200 VA operating



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