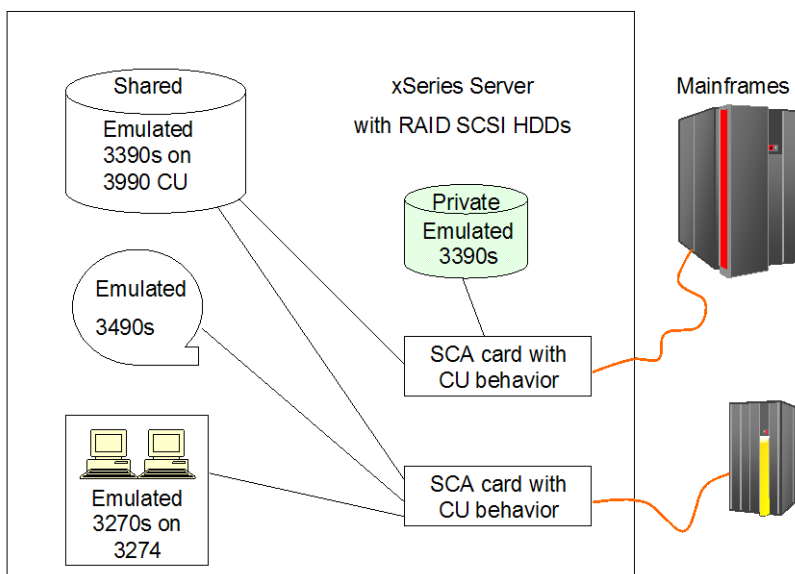


## FLEX•ES Control Unit Behavior: FLEXCUB Data Sheet

Replace a large suite of expensive, single-purpose control units *with one server*.

The new **FLEX•ES** Control Unit Behavior server reduces costs, space, environmental, and support costs while offering new capabilities.

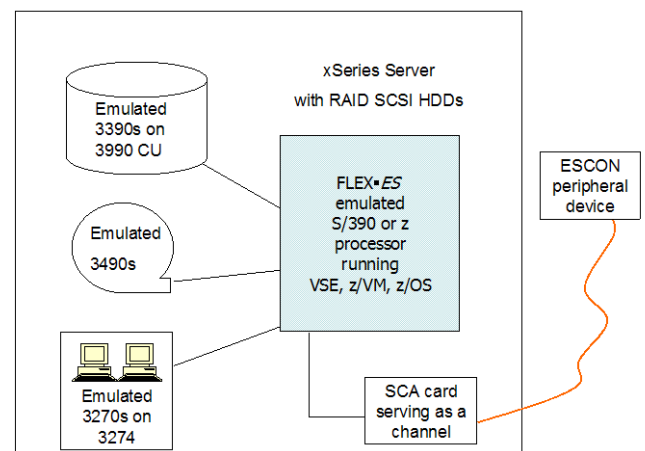
Now the FSI SCA-1 offers even more: one or more heterogeneous control unit interfaces to a mainframe channel, called **FLEX•ES** Control Unit Behavior—**FLEXCUB**.



**Even More Functionality with Even Less Hardware:  
The FLEXCUB Server**

### A FLEX•ES Server PCM Solution with SCA Channel

In its "typical" or traditional use as a mainframe channel, Fundamental Software's Serial Channel Adapter (SCA-1) operates as a mainframe channel, allowing the channel attachment of ESCON® (SCA-1) peripherals to FLEX•ES emulated CPUs.



## Features

- 3270 console support for attached systems
- RAID-protected high-speed DASD
- CD-ROM installation of z/VM® and z/VSE for mainframes
- Access to supported SCSI tape drives and disks over ESCON channels
- Channel-attached virtual tape library

## Hardware components\*

### Card

- FSI SCA-1. As many cards may be placed in a single server as the server will accommodate

### Cabling

- Standard IBM® ESCON cable, with an FSI-supplied adapter (MTRJ to ESCON, duplex)
- Direct connection to channel or via ESCON director

### Channels

- SCA-1 provides one channel of type CNC

## Configuration and control

- Configured with a subset of the **FLEX•ES** configuration language
- Controlled using the **FLEX•ES** console Command Line Interface (CLI) capability and a subset of the CLI control language

## Devices emulated and provided by FLEXCUB

### CKD DASD

- 3390-1/2/3/9, 3380-A/D/E/J/K
- 3375, 3350, 3340-35/70, 3330-1/11
- 9345-1/2
- Custom sizes supported

### FBA DASD

- 9336-10/20, 9335, 9332-200/400
- 3370-1/2, 3310
- Custom sizes supported

### Tape with Compression and Encryption

- 3420-4/6/8, 3422, 3423, 3430
- 3480, 3490, 3490-E
- 3590
- All tape models work as emulated devices using files on disk. FSI FakeTape™, AWSTAPE, and OMA/2 formats are supported. **FLEXCUB** also supports emulation of these tape drive types using certified SCSI cartridge tape drives, including some that are mainframe-media compatible; the exception is the 3590, upon which only emulation on disk is supported

### Consoles

- Local non-SNA 3270s and 3287s via TN3270 or TN3287E clients
- Low-cost ESCON TN3270 control units
- SSL encryption, subject to export laws

### Communications

- 3172/XCA Ethernet or Token Ring

### Printers

- 1403, 1403-N1
- 3203-1/2/4/5, 3211, 3262-1/11
- 4245-1/12/20, 4248-1/2

### Card Reader/Punch

- 2501, 2540

\* **FLEXCUB** can also be provided using FSI (OEMI) Parallel Channel Adapters (PCAs). Contact FSI for details on PCA-based **FLEXCUB**.