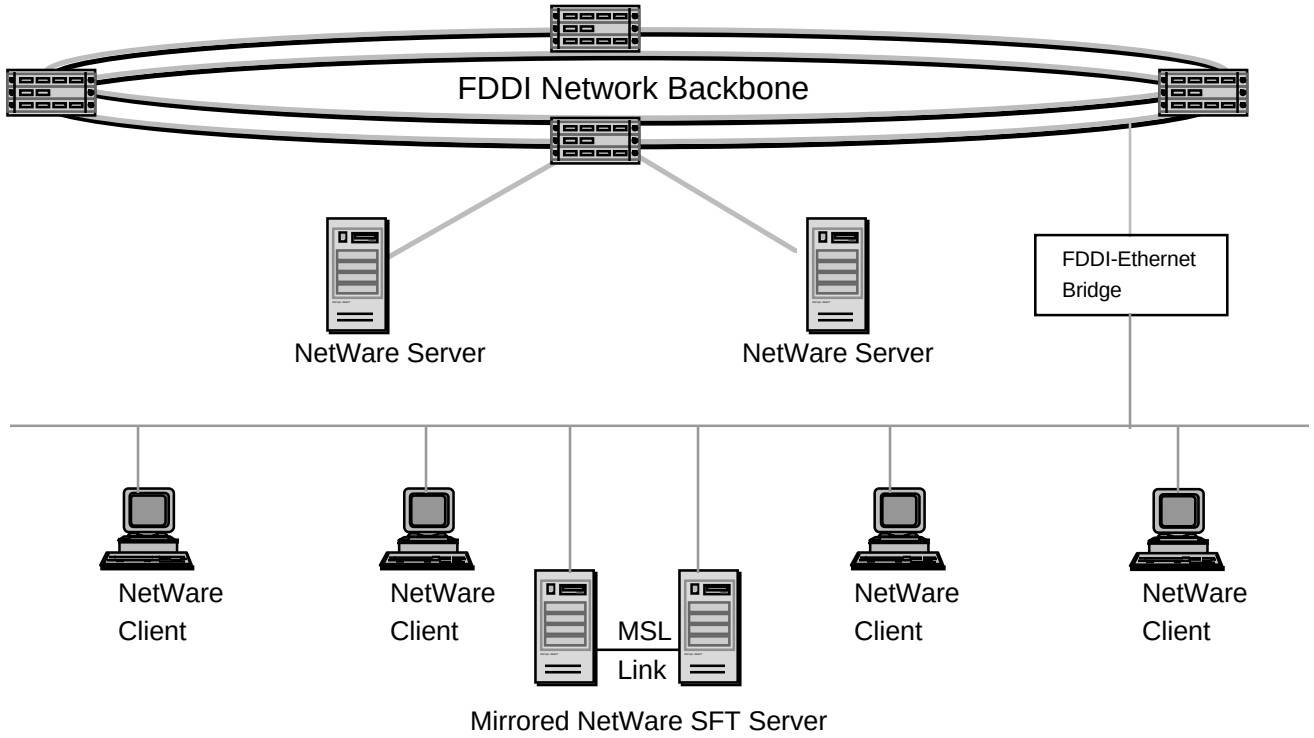
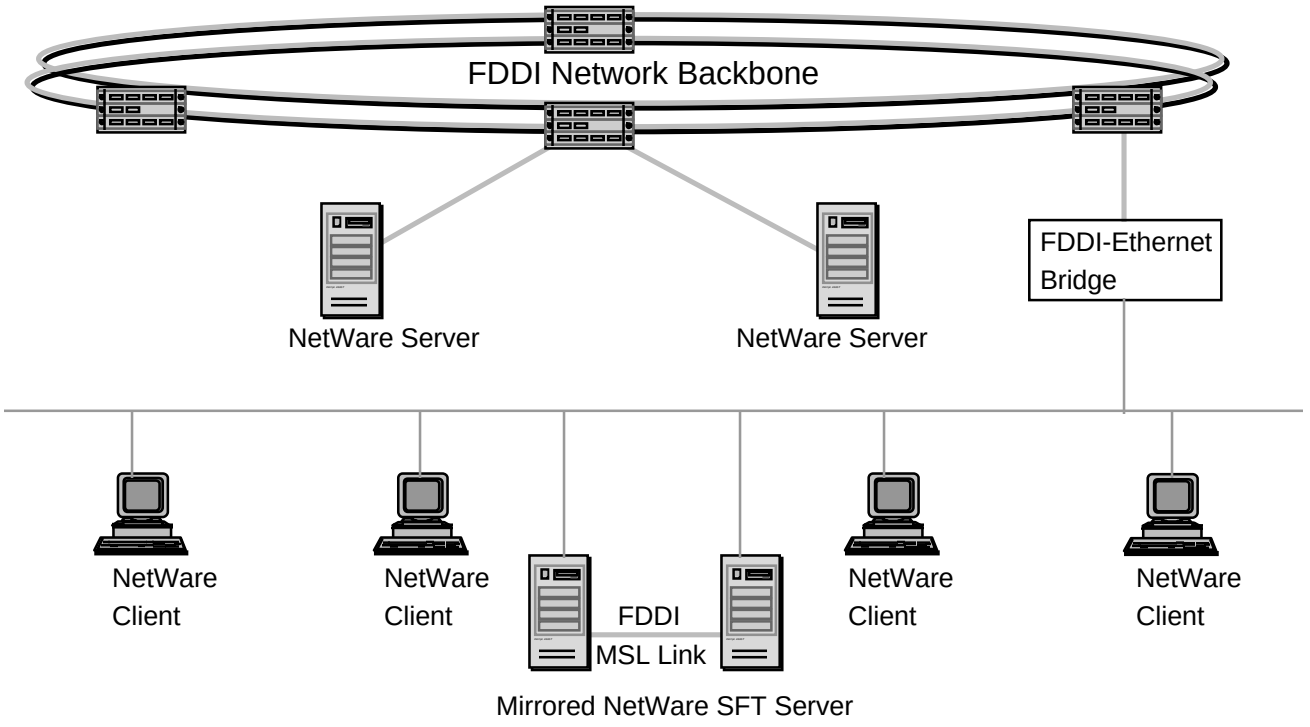
Current MSL Solutions

- Current solutions offer only proprietary/dedicated links between mirrored servers
- Limited distances between mirrored servers
- Expensive



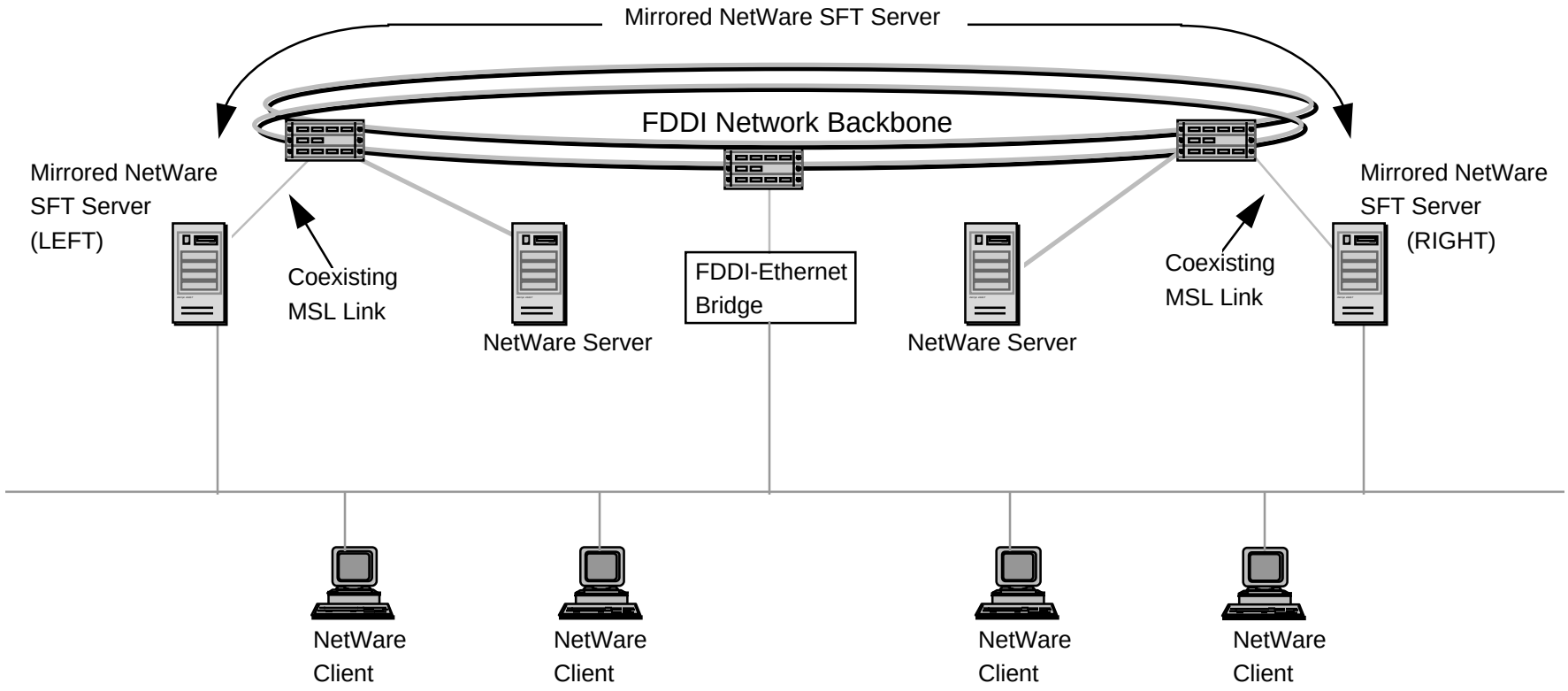
Digital's MSL Solution

- Digital's MSL solution can be used Point-to-Point as the others, PLUS.....



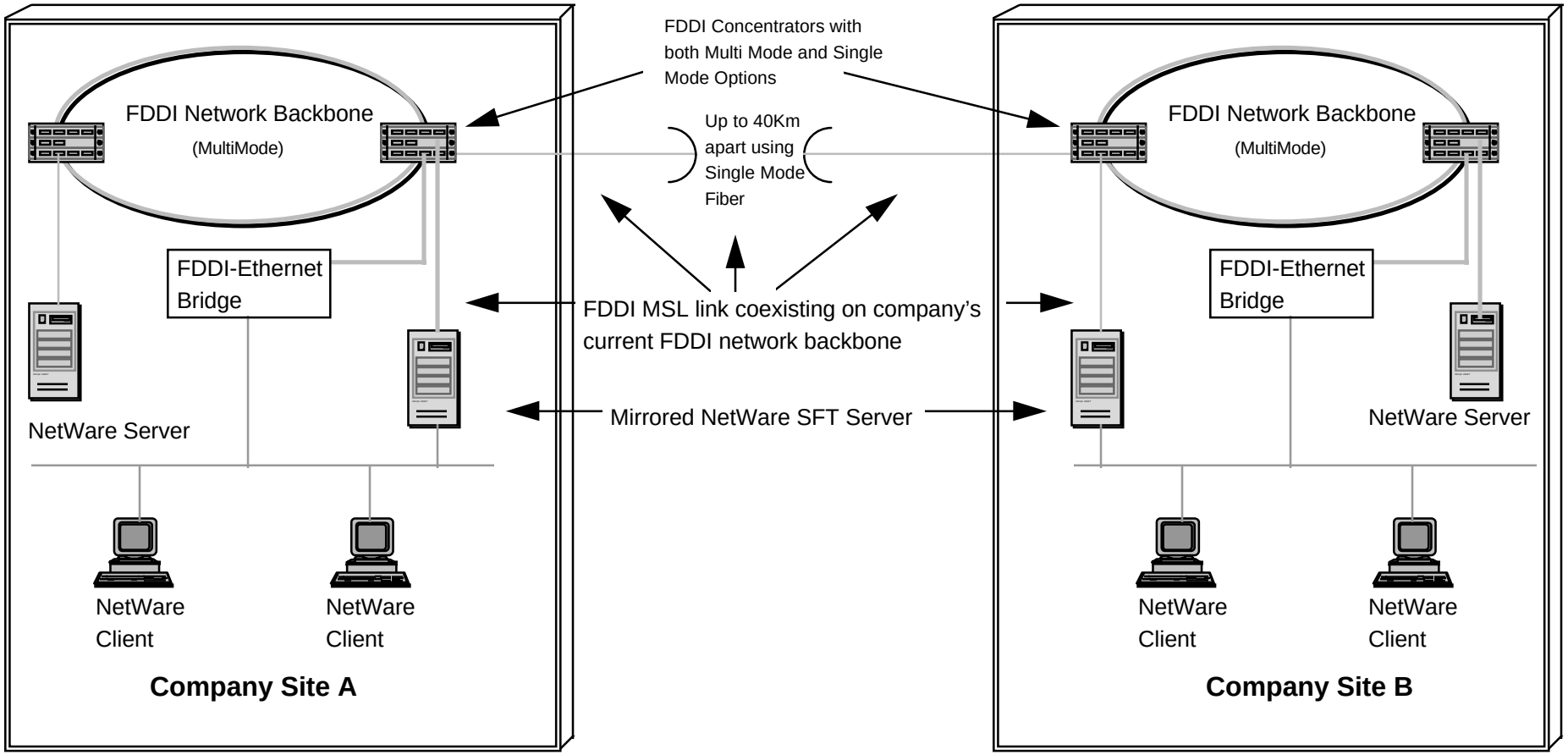
Network Coexistence Mode!

- Digital's MSL can ***coexist on any*** ANSI standard FDDI network via a command line switch to the driver.



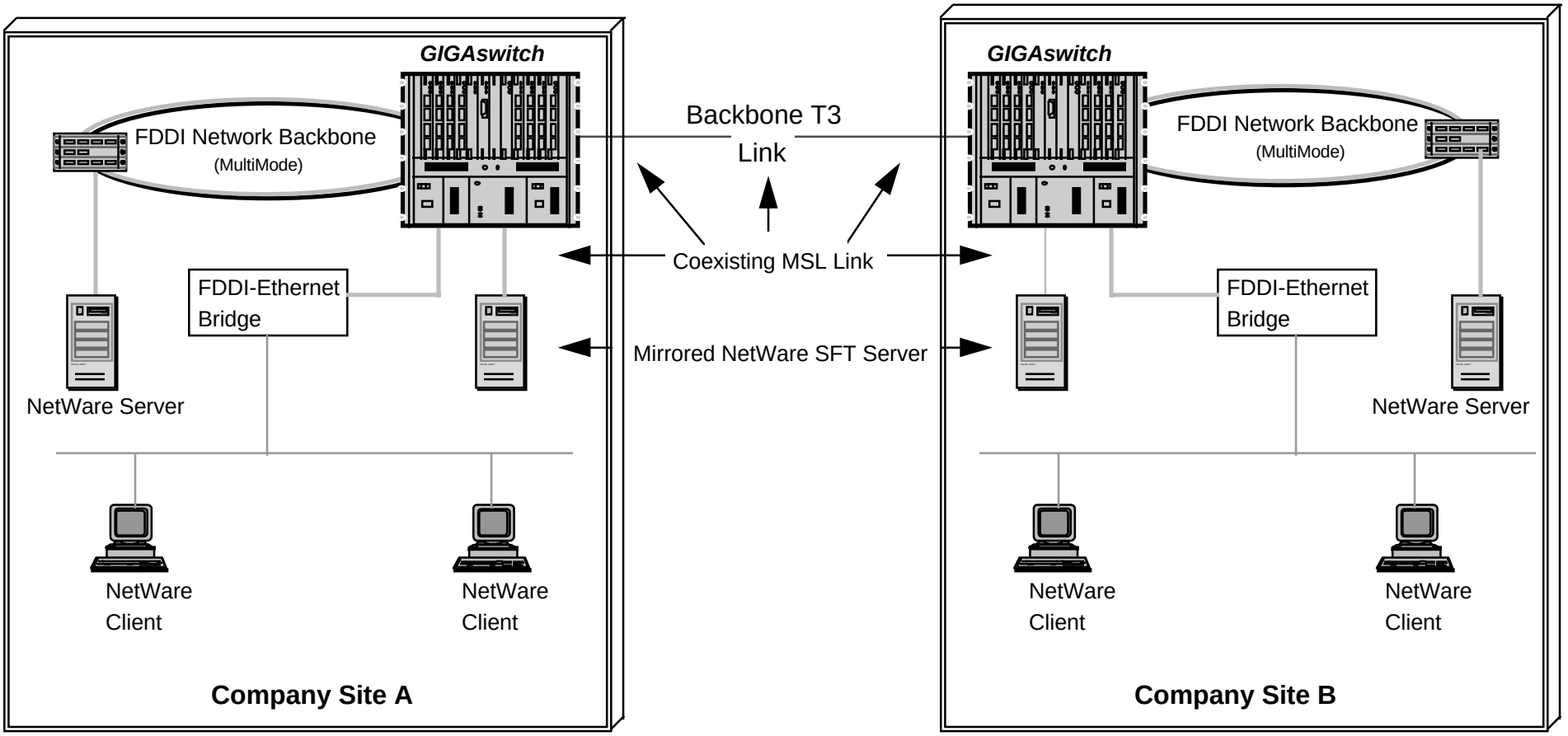
100 Mbits for 40Km!!

- Utilizing Single Mode Fiber, the mirrored servers can be up to 40Km apart!



If 40Km is not far enough

- Digital's MSL with a Digital GIGAswitch can extend the distance over 40Km using T3 Links!



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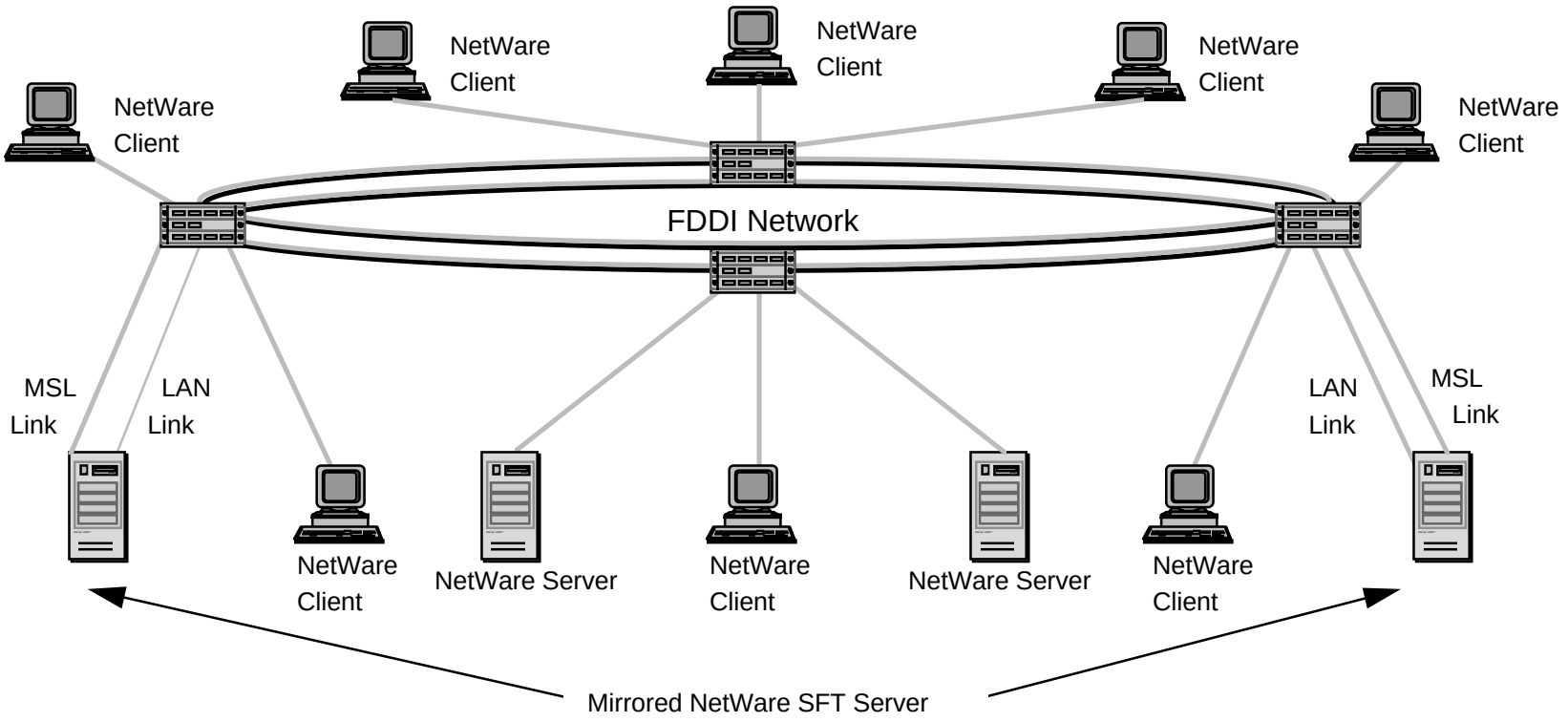
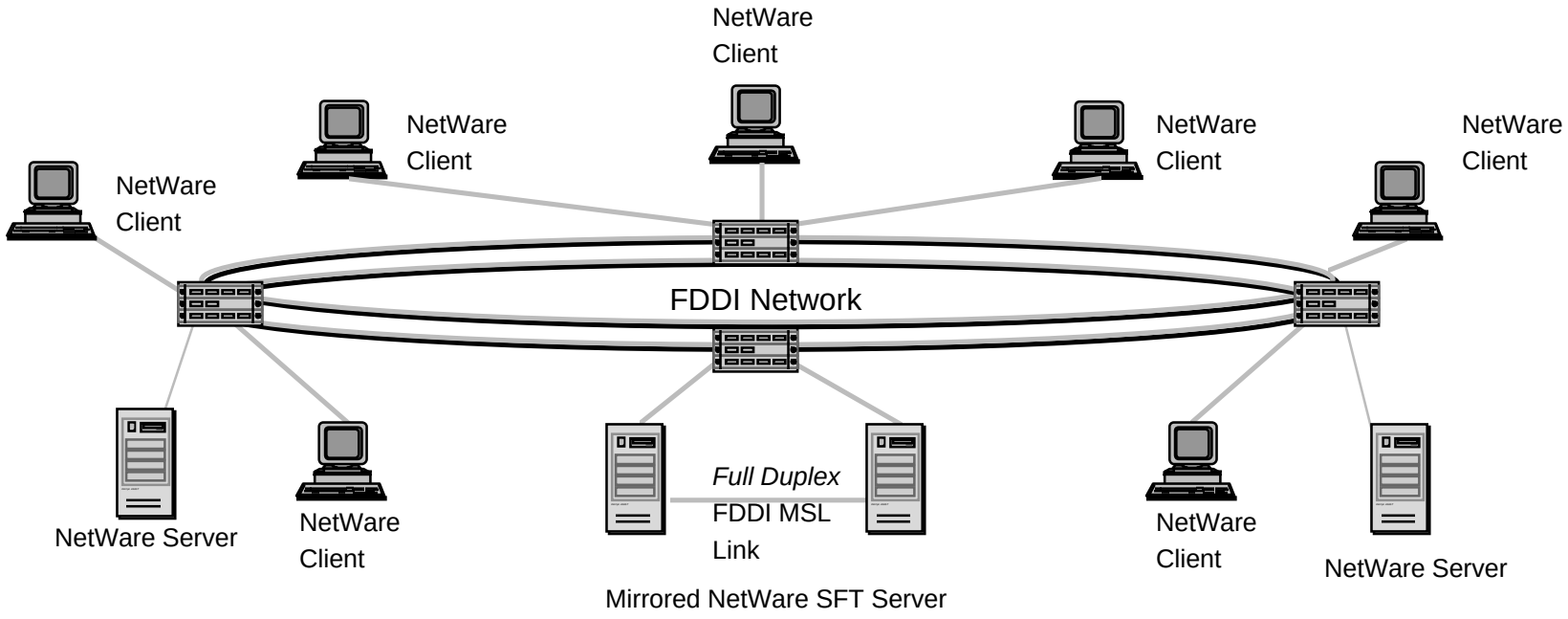
It’s not just Ethernet anymore.

- Use 2 DEC FDDIcontroller adapters in each SFT server (one as MSL other as LAN interconnect) and break the Ethernet bottleneck for network intensive applications!



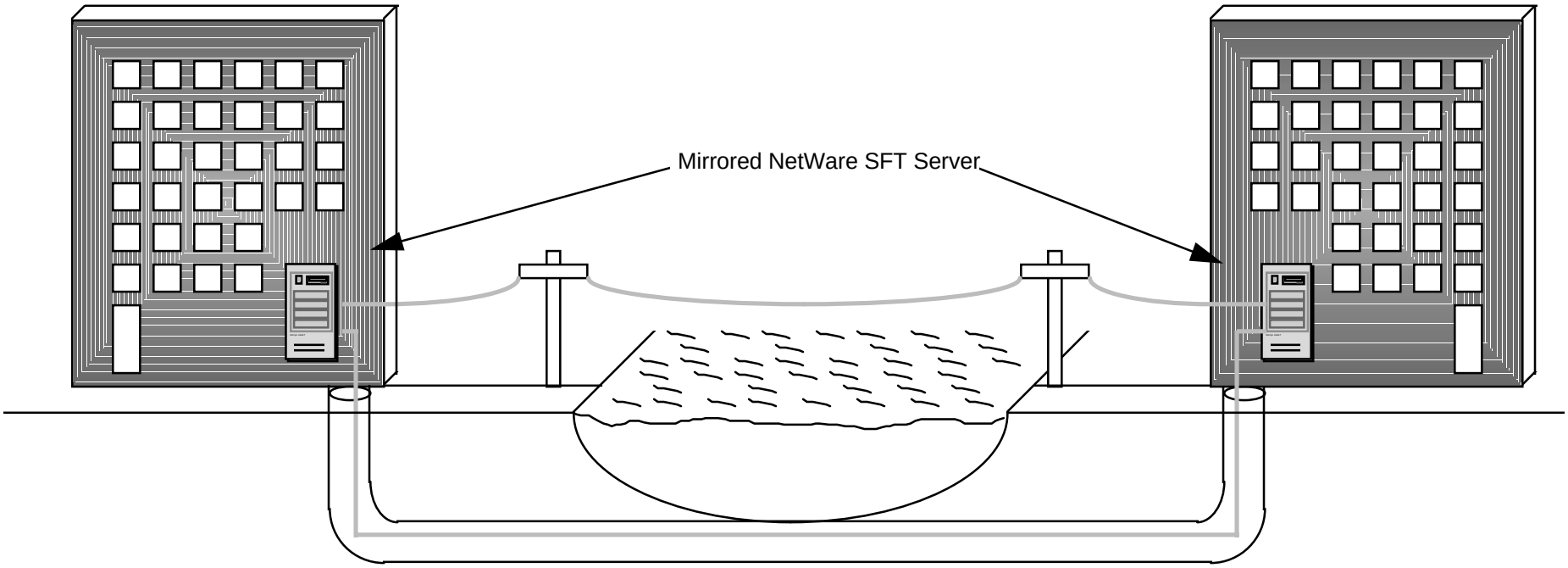
When 100 Mbits just isn't enough!

- Using Digital's Full Duplex Mode (available in point to point configuration or when connected through a GIGAswitch only) the Digital MSL can operate well over the 100 Mbits/sec throughput of standard FDDI.



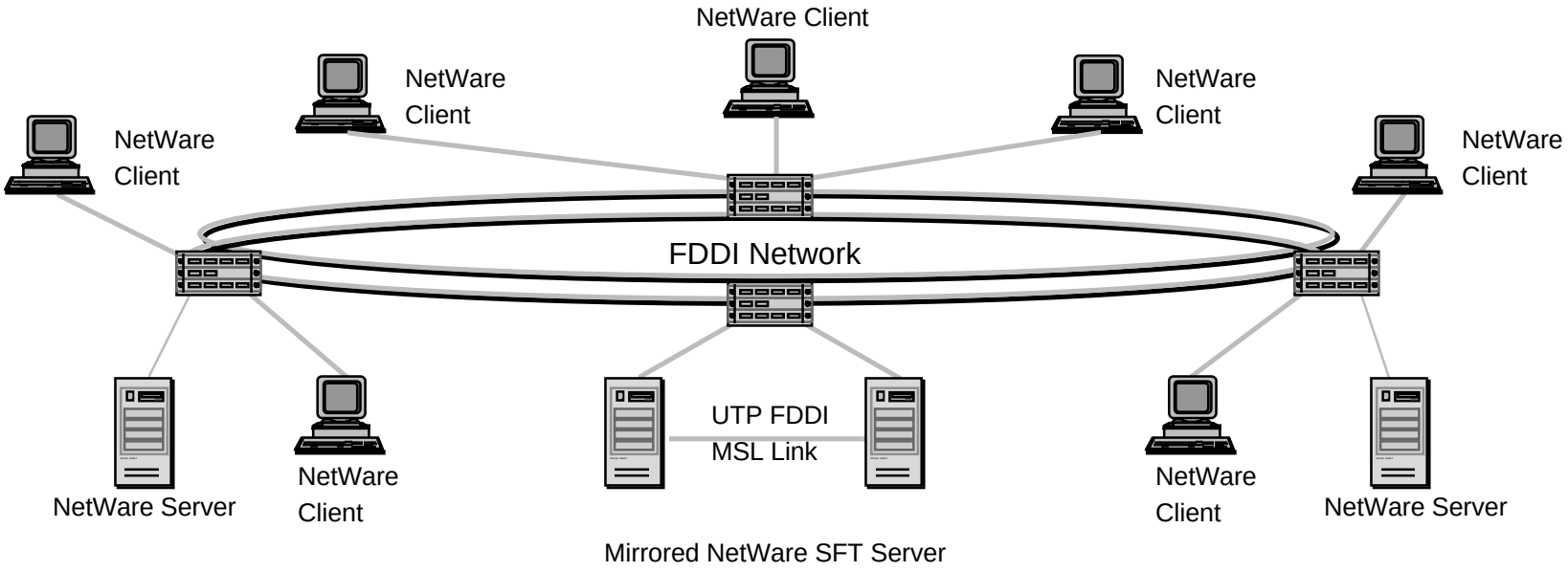
Two cables are better than one

- The Dual Attachment Station (DAS) version of the DEC FDDIcontroller offers dual cabling with transparent hardware failover to protect against cable faults. If one cable fails, the other takes over automatically, without interruption in service.



If cost is an issue.....

- The UTP version offers all the features of the fiber SAS version, but at a much lower cost!



Product Information

- Standard FDDI distance limitations apply:
  - Multi Mode Fiber: 2 Km between stations/concentrators
  - Single Mode Fiber: 40Km between stations/concentrators
  - Unshielded Twisted Pair (UTP): 100m between stations/concentrators
  - Total Ring Length: 200Km .
  - A primer on IEEE standard FDDI network configurations is available from Digital (Order Number: EC-H1580-42/92 07) Version 2.0. Contact a Digital representative for a copy.
- MSL link can be bridged but not routed. Path between mirrored servers must not contain any routers.
- To enable network coexistance, ***the /PARTNER command line switch must be used***. See the installation manual or the readme.txt file on the distribution diskette for more information.

Ordering Information

- The DEC FDDIcontroller can be obtained by calling:
  - 1-800-DIGITAL (USA only)
  - 1-603-884-6660 (Outside the USA)
  - Your local Digital sales office
  - Local participating reseller
- The list price of the adapter is:
  - DEC FDDIcontroller/EISA:
    - Multimode Fiber SAS (DEFEA-AA): $1,500.00
    - Multimode Fiber DAS (DEFEA-DA): $2,500.00
    - Unshielded Twisted Pair SAS (DEFEA-UA): $895.00
  - DEC FDDIcontroller/PCI:
    - Multimode Fiber SAS (DEFPA-AA): $1,195.00
    - Multimode Fiber DAS (DEFPA-DA): $1,695.00
    - Unshielded Twisted Pair SAS (DEFPA-UA): $695.00

Driver Availability

- The DEC FDDIcontroller MSL drivers for both NetWare SFT III 3.11 and NetWare SFT III 4.10 are shipped with the adapters in the latest driver diskette (V2.4 or later). The MSL drivers are also available (along with other drivers for the DEC FDDIcontrollers) from the following network locations:
  - Internet Anonymous FTP access from directory `/pub/DEC/adapters/fddi/defea` or `/pub/DEC/adapters/fddi/defpa` from `ftp.digital.com`
  - World Wide Web access through the following URL: `ftp://ftp.digital.com/pub/DEC/adapters/`
  - The DECPCI Forum on CompuServe
  - The Network Product Business Bulletin Board (508-486-5777)
- The DEC FDDIcontroller/EISA and DEC FDDIcontroller/PCI adapters are available now.