



IBM Distributed Data Services and 4690 Controller Services Feature for Windows NT

Highlights

Maximum investment protection

- Implement Microsoft® Windows NT® for the back office
- Maintain IBM 4690 OS and related applications for the point of sale (POS)
- Migrate at your own pace, without compromising uptime

Powerful functionality

- File distribution/mirroring
- Automatic switchover
- Keyed file services
- File I/O priority

Advanced capabilities

- Broad 4690 OS support
- Java™ support for terminal configuration
- 2MB 4690 terminal code space



Enhance the back office while you maintain POS performance

With IBM Distributed Data Services (DDS) for Windows NT, retailers in every segment can take maximum advantage of the Microsoft Windows NT operating system for back-office applications, while retaining proven availability and reliability on the front end using the 4690 Controller Services Feature (CSF).

In other words, IBM DDS/CSF for Windows NT gives you the best of both worlds. You get the power and versatility of Windows NT, including multitasking, multiple file access methods, data distribution and interprocess communications over various LAN topologies and transport technologies. Plus, you get the dependable performance of IBM 4690 OS, with its rapid data access for POS price lookup and sustained uptime.

Powerful yet simple information management

IBM DDS for Windows NT provides five essential capabilities for smooth data management in any retail environment:

- File distribution/mirroring. DDS can distribute or mirror files updated with DDS APIs as well as those files updated with Windows NT file services
- Data Distribution Feature (DDF). This provides everything you need to control distribution and reconciliation of distributed data
- Controller Services Feature. This allows 4690 controller applications to run on Windows NT, which in turn enables loading and servicing of 4690 OS and related applications into terminals – directly from the Windows NT controller
- File I/O priority. By prioritizing reads and writes, you can make sure back-office applications do not impede price lookup and other POS functionality
- Keyed file services. DDS provides keyed file capabilities for both Windows NT applications and CSF

Exceptional investment protection

With IBM DDS/CSF, you can protect your current investment in 4690 applications, terminal hardware and wiring – while migrating to an open back-office platform at your own pace. This allows you to try Windows NT applications for the back office without compromising the proven performance of 4690 OS for the POS. If you choose to implement Windows NT at the POS, DDS can replicate your data between two controllers for backup or to every node for local price lookup.

New high-performance capabilities

IBM DDS/CSF for Windows NT Version 1.8 delivers a host of powerful new capabilities. DDS/CSF now supports IBM 4690 OS V1, V2R2 and V2R3. The following 4690 functions are now included in DDS/CSF V1.8:

- Increased code space
- X.25 native incoming call support
- 3270 terminal emulation
- Locally administered LAN addresses
- Symbol®/Telxon® wireless terminal support (ISA only)

Customers using 4690 OS V2R3 can take advantage of the following new technologies:

- IBM SurePOS™ 700 Series
- VisualAge™/C++ Development Environment: Enjoy greater flexibility to use the most advanced development tools on the market today
- Java/CBASIC Interface: Integrate a Java GUI with existing 4690 applications

Differences between IBM DDS/CSF and 4690 OS

IBM software is continuously expanding and improving in response to retailers' changing needs. As a result, development tracks for DDS/CSF for Windows and 4690 OS are slightly different, and DDS/CSF does not yet support all the capabilities of the latest 4690 OS. Nonsupported features include:

- Multithreaded C/C++ applications
- 32-bit controller applications
- ARTIC Model 2 Multiport Adapter

IBM Distributed Data Services and 4690 Controller Services Feature for Windows NT at a glance

Hardware supported

Any uni-processor Intel®-based terminal or server capable of running Windows NT

Operating systems

- Microsoft Windows NT 4.0 Workstation or Server, minimum Service Pack 4
 - IBM 4690 Operating System (4690 terminal licenses are required for CSF)
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Networks supported

- Ethernet LAN
 - Token-Ring LAN
 - IBM Store Loop
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Components

- IBM Distributed Data Services for Windows NT (product #5639-C71)
 - IBM Distributed Data Services for Windows NT Data Distribution Feature
 - IBM Distributed Data Services for Windows NT Automatic Switch-Over Feature
 - IBM 4690 Controller Services Feature for Windows NT (separately orderable, product #5697-C59)
 - IBM 4690 Controller Services Feature for Windows NT – Multiple Controller Feature (MCF)
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For more information

To learn more about IBM DDS/CSF for Windows NT or other IBM POS solutions, contact your local IBM representative or find us on the Web at www.ibm.com/industries/retail/store

To place an order, call 1 800 IBM-CALL (1 800 426-2255) or 1 770 863-1000 outside the U.S. and Canada.

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Printed in the United States of America
10-00

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