Release Notes

English

Brisque Serve FS (file serve) Early Production

version **4.0.31**

653-00186A

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RE37,376	5,283,140	5,517,359	5,699,740	5,969,872	6,134,393	6,283,589
4,456,924	5,291,273	5,519,852	5,708,736	5,973,801	6,136,509	6,295,076
4,500,919	5,323,248	5,526,143	5,713,287	5,986,819	6,137,580	6,299,572
4,558,302	5,325,217	5,532,728	5,742,743	5,995,475	6,147,789	6,318,266
4,743,091	5,339,176	5,561,691	5,764,374	5,996,499	6,158,345	6,340,817
4,992,864	5,343,059	5,568,595	5,764,381	5,998,067	6,159,659	6,352,816
5,049,901	5,355,446	5,576,754	5,771,794	6,003,442	6,164,637	6,353,216
5,079,721	5,359,451	5,579,115	5,785,309	6,014,471	6,180,325	6,366,339
5,081,617	5,359,458	5,592,309	5,802,034	6,016,752	6,181,362	6,371,026
5,103,407	5,367,360	5,594,556	5,813,346	6,031,932	6,181,439	6,377,739
5,111,308	5,384,648	5,600,448	5,818,498	6,043,865	6,186,068	6,387,597
5,113,249	5,384,899	5,608,822	5,854,883	6,060,208	6,189,452	6,396,422
5,122,871	5,412,491	5,615,282	5,861,904	6,063,528	6,191,882	6,396,618
5,124,547	5,412,737	5,625,766	5,861,992	6,063,546	6,204,874	6,407,849
5,132,723	5,420,702	5,636,330	5,875,288	6,072,518	6,208,369	6,414,755
5,150,225	5,420,722	5,649,220	5,894,342	6,090,529	6,214,276	6,422,801
5,153,769	5,459,505	5,650,076	5,900,981	6,096,461	6,217,965	6,435,091
5,155,782	5,473,733	5,652,804	5,934,196	6,098,544	6,252,522	
5,157,516	5,481,379	5,680,129	5,942,137	6,107,011	6,260,482	
5,208,818	5,488,906	5,691,823	5,946,426	6,112,663	6,266,080	
5,208,888	5,497,252	5,691,828	5,947,028	6,115,056	6,266,134	
5,247,174	5,508,828	5,696,393	5,958,647	6,121,996	6,267,054	
5,249,067	5,509,561	5,699,174	5,966,504	6,130,702	6,268,948	

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Introduction to Brisque Serve FS 4.0.31

We are pleased to announce that Brisque™ Serve software version 4.0.31 is now available for early production.

There are now two Brisque Serve software products:

- Brisque Serve FS (file server) is a version of Brisque Serve that provides file server capabilities. Brisque Serve FS is designed for Ripro Server customers who want to upgrade their file server and for new customers who want a powerful server but do not need data management capabilities.
- Brisque Serve DMS (data management solution) is based on Timna™ and Timna@Web™ data management software. Brisque Serve DMS provides data archiving capabilities and provides a Web interface through which customers can access a prepress bureau's services.



Note: Customers who purchase Brisque Serve FS software can upgrade it to include Brisque Serve DMS capabilities.

Advantages of Using Brisque Serve Software

Brisque Serve FS and Brisque Serve DMS software offer you:

- A powerful file and print server solution
- A centralized place in which to store job data (instead of using a Brisque workstation as a file server)
- A storage place in which to offload normalizing, preflight and file translations (including ICF Translate, Color2disk, and InkPro files) from Brisque
- A solution to minimize network traffic by ensuring that Brisque Serve sends Brisque only production files such as RIP, FAF, and output files.
- A way to make prepress services available to clients through a Web interface
- A high availability server (IBM© 6F1 models only)
- High-performance networking
- The same IBM® AIX operating environment as Brisque; thus, you do not need to learn and support a different operating system such as IRIX®, Sun Solaris™, or Windows®

Features of Brisque Serve FS 4.0.31

- File handling and processing capabilities for input and output files of the following formats:
  - All Macintosh® file formats
  - Adobe PostScript®
  - PDF
  - Continuous tone (CT) and linework (LW)
  - Brisque job
  - Brisque page
  - Brisque imposition job
- Color Unified and flexible workflow between Creo stations through one Job Ticket and Mac Front End for both Brisque™ and Brisque™ Serve
- Fully-automated workflow from job initiation to output, including archiving
- Robust and powerful file server with backup, print spooler, and open press interface (OPI) capabilities
- Specially-adapted peripherals that enable centralized storage, which are accessed at unmatched speeds
- Connection with Creo-integrated storage units using:
  - High performance fiber channel RAID (Redundant Array of Independent Disks)
  - SAN (storage area network)
  - Tape libraries management
- Up to six CPU SMP (symmetric multiprocessing) platforms to create a powerful enhancement to the heart of the Brisque workflow

Brisque Serve FS Products

Creo offers the following Brisque Serve FS configurations:

Product name	Product part number
Brisque Serve FS (44P-170)	501R58010
Brisque Serve FS Dual-6F1 600 MHz	501R58011
Brisque Serve FS Quad-6F1 600 MHz	501R58012
Brisque Serve FS Sixt-6F1 750 MHz	501R58013

Upgrade and Trade-in of Existing Creo Products for Brisque Serve

Creo enables you to trade in your current Ripro Server and Timna hardware and software products for Brisque Serve (see table above).

If you currently own an IBM F50 platform, you can purchase a software-only upgrade to Brisque Serve. However, you may need to purchase additional memory and hard disk storage.

In the near future, customers who have purchased Brisque Serve FS software will be able to upgrade their software to include Brisque Serve DMS capabilities.

Brisque Serve FS Software Kit Contents

Brisque Serve FS 4.0.31 Support Kit Contents:

Part number	Contents of kit
634-00019A	Support Kit for Brisque Serve FS 4.0.31
399Z3R192A	Brisque Serve Quick Start Guide
633-00055A	Brisque Serve 4.0.31 Documents Kit CD
652-00019A	Brisque Serve FS CD-ROMs Kit 4.0.31
501V3R782	Brisque Serve Documentation CD

Brisque Serve FS CD Kit version 4.0.31

Part number	Contents of kit
512L3R776A	Brisque Serve FS CD Kit Version 4.0.31
501V3R624	CD Legato BSM Module
501V3R779	Brisque Serve Add-on 9/02
501V3R780	Brisque Serve Product CD1 9/02
630O70725	CD Ethershare 2.6
501V3R778	Brisque Serve AIX 4.3.3 9/02
501V3R781	Brisque Serve Product CD2 9/02
501V3R784	Brisque Serve 4 Installation Disk
630S10260	Networker 6 Server, Client and Storage

Installation Instructions

For instructions on how to install Brisque Serve FS 4.03.1, refer to the Brisque Serve Installation Guide, 99Z1R851B.

Fixed Problems

This section lists the problems that have been fixed since the release of the Brisque Serve version 4.0.21 software.

Mirroring-redundancy scripts added to SciSmit

New scripts that support system disk mirroring have been added to Sytem Management Interface Tool (SciSmit). To find these scripts, start SciSmit, and navigate to **Devices** > **Fixed Disks** > **Mirror System Disk** or **Unmirror System Disk**.

Client/server interface added to DTManager

The updated DTManager application (Upd_Brisque_DTManager) now supports a client/server interface. The DTManager was updated so that it is compatible with the DTManager that is supplied with Brisque version 4.1.

The DTManager application ensures that the correct resource files or folders are located when the system is working on mounted network file (NFS) system volumes.

Make sure that the Upd_Brisque_DTManager application is loaded on *all* Brisque 4.0, RiproServer/Timna, and Brisque Serve stations that are connected to the same network cluster. This ensures that all related components (Brisque, RiproServer/Timna, and Brisque Serve) communicate with one another using the same client/server architecture.

The Upd_Brisque_DTManager application comes preinstalled with Brisque version 4.1.

vmtune params added

Previously installed vmtune parameters are now fixed, and are identical to those used in Brisque.

“no” params added

Previously installed **no** network parameters are now fixed, and are identical to those used in Brisque.

fsck now runs with "-y" flag from SciSmit

The **fsck** command now runs with the **-y** flag instead of the **-p** flag.

Known Limitations and Problems

This section lists the problems that are known to exist with Brisque Serve 4.0.31.

System links occasionally disappear from root after reboot

Occasionally after you reboot Brisque Serve, the Legato application creates a default configuration because it is unable to load the Creo configuration file located in the directory **/nsr/res/**. All links to system files are removed from the root (**/**) directory, but directories are not removed.

To check whether a default Legato configuration was created instead of the Creo configuration:

- From the command line, type `ls -la /`, and press `ENTER`.

  Normally, the following links to system files are displayed:

```
root@timna1:/ 33 % ls -la / |grep lr

lrwxrwxrwx 1 root system 40 Jul 24 06:16 .xinitrc -> /
scitex/version/scripts/.xinitrc.manager

lrwxrwxrwx 1 bin bin 8 Jul 24 03:55 bin -> /usr/bin

lrwxrwxrwx 1 bin bin 8 Jul 24 03:55 lib -> /usr/lib

lrwxrwxrwx 1 root scitex 11 Jul 25 16:02 nsr -> /
backup/nsr

lrwxrwxrwx 1 bin bin 5 Jul 24 03:55 u -> /home

lrwxrwxrwx 1 root system 21 Jul 24 04:03 unix -> /usr/
lib/boot/unix_mp
```

  When Legato creates a default configuration, files such as **smit.log** are missing from the displayed output, as in the following example:

```
root@timna1:/ 33 % ls -la / |grep lr

lrwxrwxrwx 1 root system 40 Jul 24 06:16 .xinitrc -> /
scitex/version/scripts/.xinitrc.manager

lrwxrwxrwx 1 bin bin 8 Jul 24 03:55 bin -> /usr/bin

lrwxrwxrwx 1 bin bin 8 Jul 24 03:55 lib -> /usr/lib
```

Workaround

This problem is currently under investigation. Until a solution is found, perform the following workaround:

1. Shut down the Legato application.
2. Re-create the missing system file links:

   Type `ln -s /usr/lib/boot/unix_mp /unix`, and press `ENTER`.

   Type `ln -s /home /u`, and press `ENTER`.

   Type `ln -s /backup/nsr /nsr`, and press `ENTER`.
3. Restart the Legato application.

Files that are RIPed from different subfolders in a hot folder are saved to the location defined by the hot folder

When you RIP files from different subfolders within the hot folder, Brisque saves the resulting jobs in the predefined location that is defined by the hot folder.

This is a known limitation, and there are no plans currently to find a permanent solution.

The following workflow example provides you with a scenario when this problem would occur:

1. A graphics department creates a new subfolder called magazine1 under the hot folder that is sensitive to subfolders.
2. A Brisque operator RIPs a PostScript file using the hot folder, and the job becomes ready for imposition.
3. A Mac user then creates a subfolder called magazine3 under the same hot folder. This hot folder is setup to send the PostScript file to a temporary location on Brisque, RIP the file, and then send the file to a predined location on Brisque Serve.
4. The Mac user then RIPs a PostScript file using the hot folder. The job is saved in the predefined location on Brisque Serve.

Scheduled operations are not performed after the Send operation

When you use the Send operation to send a file from Brisque Serve to a Brisque 4.1 station, the remaining operations that are scheduled to occur in the template after the Send operation are not performed.

Workaround

- To ensure that the operations that are included in the template after the Send operation are performed, use a Hot Folder that is created on Brisque to process the file.

New Features and Enhancements

This section lists features that have modified and improved for the release of Brisque Serve FS 4.0.31.

Two new scripts (coldstart_pre.sh and coldstart_post.sh) were added to support a cold start.

coldstart_pre.sh

Run this script from Brisque Serve or Timna before you perform a coldstart. This script saves the following data in the first available data volume:

- HELIOS configurations files
- Legato configuration and indexes
- Station licensing information
- On DMS systems only: Database configuration data including dbconfig and reporting folders
- Host data
- Ripro host data

coldstart_post.sh

Run this script to restore on Brisque Serve, the saved Legato, Helios, licensing, reporting, and host configuration data that is stored on the selected data volume.

On DMS systems only, this script also restores the database by re-creating the **DBRoot** and **DBTemp** directories.

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