Release Notes

English

Brisque Serve

version **4.0.21**

653-00092A

www.creo.com

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Introduction

Brisque Serve Version 4.0.21 was released to EP as of 10.11.2002.

It features:

Input and output file handling and processing: All Mac file formats, Postscript, PDF, CT/LW, Brisque™ Jobs and Pages, Imposition jobs, and Color Unified and flexible workflow among Creo stations through one Job Ticket and Mac Front End for both Brisque™ and Brisque™ Serve. The workflow is fully automatic, from initiation through output up to archiving.

Robust and powerful file Server with backup, print spooler and OPI Server. Specially adapted peripherals enable centralized storage, accessed at unmatched speed.

The version provides database driven archive and retrieve capabilities, as well as job and file management with Timna™, the Production Data Management module for job initiation and tracking across the prepress workflow. Timna™ includes also an Internet access module, Timn@Web™.

Connects to Creo integrated storage, such as high performance Fiber Channel RAID, SAN and Tape libraries management.

Up to 6 CPU SMP platforms.This creates a powerful enhancement to the central heart of the Brisque™ workflow.

Available Products

- 501R49624 - BRISQUE SERVE (44P-170)
- 501R49625 - BRISQUE SERVE DUAL (6F1)
- 501R49626 - BRISQUE SERVE QUAD (6F1)
- 501R49627 - BRISQUE SERVE SIXT (6F1)

Software Kit

The software kit includes:

513K1R623	**Support Kit Brisque Serve 4.0.21**
391A7B944	Box for Support Kit (narrow)
512L3R776A	Brisque Serve CD'S KIT EP1 VER.4.0.21
399Z1R852A	Brisque Serve version 4.0 User Guide
399Z1R853A	Brisque Serve version 4.0 Administrator Guide
399Z1R851A	Brisque Serve version 4.0 Installation Guide
399Z3R192A	Brisque Serve version 4.0 Quick Start Guide (English) (French - 653-00016A, German - 653-00017A, Italian - 653-00018A, Spanish - 653-00019A, Dutch - 653-00020A, Swedish - 653-00021A)
399X50081G	Networker version 6 Installation Guide

512L3R776A	**Brisque Serve CD's Kit EP1 ver. 4.0.21**
399Z1R456B	Binder rear co. Brisque CD
457E00112	White binder for 12 CDs
501V3R624	CD Legato BSM module
630O70725	CD Ethershare 2.6
630S10260	Networker 6 SRVR,CLYNT&STORG
501V3R643	TIMNA@WEB 2.07 Software
501V3R777	TIMNA Product CD V-4.0.21
501V3R778	Brisque Serve AIX 4.3.3
501V3R779	Brisque Serve ADD-ON

501V3R780	Brisque Serve Product CD1
501V3R781	Brisque Serve Product CD2
501V3R782	Brisque Serve Documentation CD
501V3R783	Brisque Serve Upd for V-4.0.21
633-00036A	UPD DTMANAGER for Brisque Serve 4.0.21
501V1R784	Brisque Serve 4 Installation Diskette

These release notes include the following sections:

- **Installation** — describes the installation procedures for the software included in the CD Kit.
- **Contents of the update** — lists the fixed problems since the previous release of Brisque Serve.
- **New Features** — lists and describes new features included in the software.
- **Enhancements** — lists and describes enhancements made to existing features in the software.
- **Known Problems** — lists issues and problems are still to be resolved.

Installation

Update of Brisque Serve

To update the Brisque Serve you must install software:

- Brisque Serve 4.0.21

Installing the Upd for v-4.0.21 on top of 4.0.21

To install the Upd for V-4.0.21 on top of 4.0.21:

1. From **scismit** (Software Handling>Update Software Packages).
2. Choose all packages and press **Enter**.
3. The system reboots at the end of the installation.

Installing Upd DTManager for Brisque Serve 4.0.21 on top of 4.0.21

To install the Upd DTManager for Brisque Serve 4.0.21 on top of 4.0.21:

1. Run **smit install_latest**.
2. Choose the package Upd DTManager for Brisque Serve 4.0.21.
3. Install the package.

Note: This update should be installed only if the Brisque Serve 4.0.21 is installed in the cluster with Brisque 4.1

Installing the latest 6F1 firmware

To install the latest 6F1 firmware:

1. The patch **Upd_Firmware_for_6F1_BS4021** is automatically installed.
2. After the installation one has to run the script **$SCI_SCRIPTS/update_fw_for_6F1.sh**
3. The system reboots at the end of the installation.

Displaying Software Version (Upd)

The Display Software Version (Upd*) for the this Update is:

```
Upd_BrisqueServe4_21_1.obj
                          4.0.21.11  COMMITTED  Upd_BrisqueServe4_21_1
Upd_DB_on_73GB_BS4021.obj
                           4.0.21.1  COMMITTED  Upd_DB_on_73GB_BS4021
Upd_DHReporter_BS4021.obj
                           4.0.21.1  COMMITTED  Upd_DHReporter_BS4021
Upd_Fiber_Channel.obj      4.0.17.3  COMMITTED  "Update_Fiber_Channel"
Upd_Firmware_for_F61_BS4021.obj
                           4.0.21.2  COMMITTED  Upd_Firmware_for_F61_BS4021
Upd_ICF_Translate_BS4021.obj
                           4.0.21.1  COMMITTED  Upd_ICF_Translate_BS4021
Upd_double_rsrc_BS4021.obj
                           4.0.21.1  COMMITTED  Upd_double_rsrc_BS4021
Upd_scripts_TW_and_mirror_BS4021.obj
                           4.0.21.1  COMMITTED  Upd_scripts_TW_and_mirror_BS40
Upd_spooler_BS4021.obj     4.0.21.1  COMMITTED  Upd_spooler_BS4021
```

Contents of the Update

Queue problems with OPI spooler

The flow is:

1. Define a printer on BS via the Hot Folder.
2. Define a Helios spooler via Ethershare admin pointing to this printer as destination.
3. Print to this spooler.

An error message is received that the printer was removed! However it still shows in the Ethershare admin.

Timna@web loading Script fix, for 9GB

Timna@web installation script was failing in creating the filesystem on 9 and 73 GB disks.

Timna@web Installation fix for ns-admin.conf file

Timna@web installation script was creating extra redundant characters inside the ns-admin.conf file, thus causing problems to login as admin.

Mirroring and Redundancy scripts addition to $SCI_SCRIPTS

We have added new scripts to support the system disk mirroring.

ICF translate files were mistakenly reported to the database.

New Firmware of 6F1 platform's is part of the patch

The FW is needed with all fiber channel devices.

Our software was occasionally failing during the archive/retrieve reports.

Files were occasionally deleted from the NFS mounted volumes

Symptom

Intermittent disappearance of files and/or folders residing on a Brisque dataVolumes and/or any other NFS mounted Volume (i.e. Brisque/RiproServer/Timna/Brisque Serve).

Reason & Explanation

The Helios software on our Brisques and Servers allows the Mac clients to see and work with files and folders when mounted.

Helios mechanism tags each file that is copied from the Mac to the Brisque or Server with a unique ID.

Every once in a while, this mechanism creates the wrong Helios ID or Parent ID.

When moving files back and forth between our Brisques to our Servers, there is also a need to tag these files so the Mac would be able to see them. We take care of it by running an automatic Rebuild Desktop every hour on the Brisque and similar set-up on the Server (due to much larger volumes on the Server it is done usually at night).

Occasionally this mechanism would lead to a wrong helios ID creation,and rarely to a file/folder deletion.

Solution

A patch has been created that should be loaded on top of Brisque version 4.0.97 or above only.

The patch is available on the new Brisque Product CD2 of 2 (4.0.97.20)

Brisque Serve will have this patch built-in in version 4.029.

This patch is creating the correct. rsrc (resource file) and ID for every file/folder that resides locally or on an NFS mounted filesystem.

Known Limitations

1. The Timna/Server/BS volumes mounted on a Brisque (NFS) must be also mounted by at least one Mac in order for the move/copy operation (from the Brisque CDE) to succeed.
2. As previously, CDE move/copy from the Timna/Ripro Server is still not supported.

Special Instructions

1. In order to eliminate the "Missing Files" problem, this patch must be loaded on ALL the Brisques that are running version 4, RiproServer,Timna or Brisque Serve station on site.
2. Right after loading it on the Brisque, it is recommended to perform a Rebuild Desktop on all the Mac stations.

Our software was creating double rsrc structures – "/.rsrc/.rsrc/"

This was causing "hardlink errors" in errpt,and even could cause filesystem corruptions.

Helios rebuild runs in a loop – non stop on all volumes.

Rename the file $SCI_PROGS/RunOneRebuilder to stop auto rebuild.

New Features

The Filetrack can now search and display up to 5000 customers in the list.

Previously the number was limited to 500.

Known Problems and Limitations

Note: 6F1 with 6 CPUs (775 MHZ platform) is NOT supported in this version – only 2 and 4 CPUs are supported.

This is due to the fact that the current version still has maintenance level 8. A solution will be provided in the next version (4.0.29)

System links occasionally disappear from “/” after reboot

This phenomena was observed on several occasions on BS 4.0.21,when after some reboot ALL links (NOT directories!) are removed from "/".

One does not actually pay attention, until he reboots and Legato comes up with a default config (/nsr/res/ is not accessed, creates a default on).

The way to see it is ruining "ls -la /" and checking that there are files like smit.log,etc present ,extra to the regular links. If not - "something" have cleaned "/" using probably "rm /".

The following links should normally be present:

```
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
```

The following links are present after the occurrence:

```
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 will be checked, in the meantime use the following workaround after the problem is recognized:

1. Shutdown Legato.
2. Recreate links:

```
ln -s /usr/lib/boot/unix_mp /unix

ln -s /home /u

ln -s /backup/nsr /nsr
```

3. Restart Legato.

Workflow with HotFolder and SubFolder is not correct

A customer has created a HF (SENSITIVE TO SUB-FOLDERS) that RIPs files.

The graphic department (with about 20 macusers) creates a new folder (for example, magazine1) under this HF, and put in the new PS files. RIP happens automatically and finally in folder "magazine1". The PS and Jobs are waiting for a quick imposition.

The Brisque operator is not aware when files enter the RIP queue, and if any new corrected PS files are sent to "magazine1" folder.

For example, I create a HF in the BS SENSITIVE TO SUB_FOLDERS with a template that does the following:

Send to a temp location in the Brisque - RIP - Send back to BS to a predefined location.

If the macuser creates a new folder "magazine3" under HF The PS files will be send to the temp location in the Brisque - RIP will start - send the jobs to the predefined location.

The problem is that the all the jobs of all subfolder will arrive in the same location (the predefined one).

4.0.21 - modem install via scismit failes

Scismit ?install Modem, does not work.

4.0.21 - files/folders displayed double in FT

Find for a file in FT - two entries for every file appear (same for folders).

Find for a file in dbaccess (select * from files where file_name = "Paar2.ch";) - one entry only for each file appear.

Find for a file in Timna@web - one entry only for each file appears.

Find for a file in FT, but search by MJ - one entry only for each file appears.

A solution will be provided in the next version (4.0.29)

4.0.21 - Removing chunks partially fails when more than 10 chunks are available

If there were more than 10 than the Remove operation gives 'ok' but actually some spaces remain on the disks.

A solution will be provided in the next version (4.0.29)

The reporting on huge databases can be VERY slow - CP events can be 40 seconds!!!

A solution will be provided in the next version (4.0.29)

There is no support for OSX macintoshes !

New EPS files that include CT+LW are not supported

With this new type of EPS files the thumbnail is not created.