New CD2 4.0.97 Temporary Full Production

(4.0.97.20)

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A. Who should load this CD?

Customers who need the improvements listed in "B. What this CD Includes."

B. What this CD Includes

1. Calibration Package

This is part of the 4.0.97 base version and is automatically installed during the full software loading while using the new 2 of 2 CD.

2. Mandatory updates

The following updates are automatically installed using the 4.0.97.20 CD 2 0f 2. These will be seen in Station Info, More Info after installation.

- **Upd4_FullProduction 4.0.97.20**
  A Mandatory Informative Update was added - The informative update will indicate that the "Full production CD2" is installed and it will appear at the top of the list of updates.
  The 4.0.97.**20** in the version number indicates the UpdSet number currently is 20 compare to 8 which was in the EP CD2
  as a Mandatory Update and it is installed during Migration, Coldstart and Load Full Version procedures.
  The mandatory updates are prerequisites for this update and the Upd4_FullProduction can be installed only if all of its prerequisites Updates are installed previously.

- **Upd_Brisque4_97_1 (4.0.97.18)**
  General update, part of Version 4.0.97.

- **Upd_Brisque4_97_ResetBoard (4.0.97.4)**
  Helps to release the TSP board after failure.

- **Upd_Brisque4_97_RIP (4.0.97.3)**
  This update includes Corrections for:
  Rip in Specific mode issues:
  1. RIP that has the **Specific** option selected, in the 2nd page two different spot colors will be merged into one color, if RIP has **All to Spot** selected, it will RIP correctly. **(Case 01528)**
  2. If you RIP a file, that the first page includes a spot **EPS** file from Illustrator 8.01 and the second page includes text, with **Specific** selected, the RIP will fail on the second page with an error message: "Abnormal termination of PSRIP". **(Cases 01594, 01721, 01869)**
  3. If you RIP a file that includes spot colors, with **Specific** selected, converting some of the spot colors to process using Spot Color XT, the correct colors will not appear after the RIP. **(Cases 01713, 01714)**
  4. RIP the file with **Specific** selected. Instead of outputting only CMYK + 1spot, the RIP outputs CMYK + 4 spots. In the RIP window - Separation section, you can see that only one spot color is defined as separation #5 and all the other spots show "-" in the Separation section. In the Spot Color XT, it shows only one spot color in the list (Pantone 293 CV). However, after the RIP, there are 8 separations in total. **(Case 01206)**

OPI Issues:

1. The RIP results are incorrect for an image in the PS file. This image is placed under a transparent object in **Freehand**. In Brisque V4, it looks like the TIFF is on top of the object. **The workaround was:** To clear the OPI option the RIP dialog box. **(Case 01752)**
2. If you RIP a PostScript file that contains a grayscale TIFF that is colorized with process colors, and it is created using **QuarkXPress** 4.1x with the Creo Color TIFF XT, the grayscale TIFF will disappear. **The workaround was:** To clear the OPI option In the RIP dialog box. **(Cases 01692, 01695, 01660)**

Other Rip Issues:

1. Fixes for RIP PDF/PS files with more than 20 pages using CT Quality selected, was fail in the end of the process.
2. PDF RIP will change the LW Colors compared to the values seen in PitStop. (**Case 01671)**

- ## Upd_Brisque4_97_Output (4.0.97.8)

This update combine the output related updates previously released and appear in the list below, also it is contain the following corrections:

========== Corrections in 3==========

1. Correction for LotemQuantum (divide by 32)
2. Correction for Vc175r94c and Vc200r94c for Trendsetter & Quantum - Patterns problems
3. New JTlouncher - to correct Queue Manager sequence mainly in BitMap workflow
4. Qserver correction - to avoid intermittent application shutdown during Expose.
5. Correction for Error 7155 with 2xTSPs

========== Corrections in 5 ==========

6. New TSP driver (nspdd) to correct 7106, 7125 TSP errors
7. Add script TileOrStrip for 1bitTiff orientation issue.
8. MultiDevice support of TrendSetter VLF and any other Device.
9. Add color name into the Versioning separation name
10. Add RBFs for lines problems with Packaging workflow
11. Add RBF for corruption problem with Packaging workflow
12. Spectrum - LW only File failed to proof.
13. Pipeline correction for jobs stuck on Expose queue.
14. ICF Translate - Work and Turn and Work and Tumble not previewing correctly when using preps 4.1.1

==========Corrections in 6==========

15. Correction for spot color angle expose on 45 degree only.
16. Add update.sh script.

==========Corrections in 7==========

17. ICF Translate - Work and turn and work and tumble not previewing correctly when using preps 4.1.1 – Was not entered on 5.
18. Save/Restore correction for device handling problem

The corrections appear on the following updates are now part of the Output updates:

(Upd_PlateExpInv update – 4.0.97.1) – Was available on 4.0.97 (EP) CD2.

To fix page inventory problems in Plate Expose

(Upd_Brisque4_97_Versioning update - 4.0.97.17) - Was available on 4.0.97 (EP) CD2.

Was mandatory to support Versioning on version 4.0.97

(Upd_Brisque4_97_Bitmap - 4.0.97.26)

Corrections for:

1. Include all the corrections from the previous BitMap updates (4.0.97.18 and 4.0.97.23) 4.0.97.18 was mandatory to improve 1-bit TIFF direct Expose on top of 4.0.97.4.0.97.23 correction were:
   - Support direct expose of Allegro 1bitTiff files.
   - Endless loop while using 90 deg. rotate.
2. Correction for TSP errors 7106, 7125 while using plate expose on Trendsetters, mainly happened with F50 platform.
3. Correction for very high resolution problem (400) on Dolev800V (for Jura)

(Upd_Brisque4_97_Packaging - 4.0.97.21)

Corrections for:

1. Replace the previous Packaging update (4.0.97.19):
   "Support for LRS and Packaging workflow on top of Version 4.0.97. The Version 4.0.97 + the 4.0.97.19 update was the first released version supporting these options."
2. LRS Workflow - A thin line appears on plate or film. The lines appear exactly when files end or start, can be both around and across the plate or film. The lines do not appear on Screen2Go files.
3. LRS Workflow - creating file with rotate pages and step & repeat, the pkg.job shown in preview with missing pages. Improof was fine.

(Upd_Brisque4_97_Spectrum - 4.0.97.8)

Mandatory for all Brisque to Trendsetter / Spectrum direct installations including Trendsetters that only output plates and includes the following corrections:

1. Fix hanging problem during Proof, mainly with 43P-150 (Tiger 2)
2. Fix for retraces problem during Proof.
3. Improves the overall Proof performance.

(Upd_Brisque4_97_Staccato - 4.0.97.5)

Mandatory for all Brisque to LotemQuantum/Trendsetter using Staccato (FM_Screening) option.

1. Includes all the corrections from the previous Staccato update (4.0.97.3)

- Tone Rep curve was working in opposite values.
- "Strengthens" for Lotem Quantum includes HexaChrome files, to avoid banding problem on print.
- Cyclic for spot colors, to avoid banding problem on print.

2. Plate Expose fail with 7155 Error while using Staccato with certain plate sizes.

- **Upd_Brisque4_97_Impo2GoPreps - (4.0.97.3)**
  For Brisque Impose users who are working with the new Preps version 4.1.1.
  Corrections for missing dynamic marks, such as crop marks and center marks, and possible appearance of black lines when performing Impo2Go on a translated Impo Job coming from Preps version 4.1.1.

- **Upd_Brisque4_97_Tiffit (4.0.97.2)**
  For Brisque users who are sending TIFF/IT files to Shira station (ScatterProof).
  Corrects a problem where a TIFF/IT file sent to the Kodak Approval via ScatterProof 1.1 (Shira software developed for Kodak). The ScaterProof software refuses to add the TIFF/IT file into its queue with "Invalid image format" message. The .ict file is OK and the .ifp and .ilw are giving the above problem.

  Note: This update contains the correction for translate 1BitTiff to LW files with more them 32 characters

- **Upd_Brisque4_97_Export_PS (4.0.97.3)**
  For Brisque users who are using ExportPS to Agfa Taipan.
  The Screen Angle in the ExportPS file (2.30, created on V4) is not recognized by Agfa Taipan (CPSI 3010.105.r1).
  Each plate including Spots is rendered at the Black angle (45 deg).

- **Upd_Brisque4_97_Preview (4.0.97.1)**
  For Brisque users who have Preview crash problems of Impo Jobs.
  Correction for crash problems during Preview of Impo Job that contains small markers.

- **Upd_Ultra3_SCSI (4.0.97.1)** - Was also available as optional update on the previous 4.0.97 (EP) CD2.
  New SCSI driver for the new SCSI board. (605B00415).

3. Optional updates

The following updates are optional and should be installed under the conditions listed under each update.

- **Upd_Brisque4_97_Improof (4.0.97.9)**

  ======**Upd_Brisque4_97_Improof - 4.0.97.9 correction:**==========
  Template includes Improof and PlateExpose will fail during PlateExpose with error message from Layout Maker: "Missing Elements please check data volume/name.1.0/x.job/x_FTCH.assg"

  ======**Upd_Brisque4_97_Improof - 4.0.97.8 corrections:**==========
  This update includes only one correction for Epson 7000/7500/9000/9500:
  Print Quality high was meant to be printed in Uni-Direction mode, by mistake it was printed in Bi-direction mode.
  It lead to a phenomenon that ink was not fully absorbed and over inked images.
  Due to that change we had to rebuild the split curves (CMYK -> CMYKcm) to correct gray balance issues.
  This change was tested with the following paper types and the results are satisfactory. :

  - Epson Premium Glossy Photo Paper
  - Best RemoteProof Paper 9180 Semi-matt
  - Best Proof Paper 5150 Glossy
  - Best Color-Proof 6150 Semi-matt

  Epson Photo Semi-gloss media (SP91004) - Not recommended to use:
  We have tested it with Epson Photo Semi-gloss media (SP91004) and the over inking issue has been reduced dramatically at the first print (Step #1 in the procedure) although in 300% and up there is still a slight problem.
  The paper itself has some bluish hue that caused some measurements to exceed the value 100, due to that, the calibration PW performed was not good. We have tweaked the values manually and got better results.
  Important Note: The bottom line is that this media (and other which are very similar to) **are not recommended for good quality**.

  ======**Upd_Brisque4_97_Improof - 4.0.97.7 corrections:**==========

  1. Includes the improved screening algorithm that reduces the graininess in Epson devices.
  2. Performance improvements that were needed due to the new screening algorithm (that requires more CPU resources than the previous one)
  3. Improved split function in 6 colors printing (CMYKcm) that eliminates some banding in highlights of 6 colors printing.
  4. Improves the performance of HP5000 in Productivity mode when using the rotate function.
  5. B/W Composite mode problem with all Improofs was fixed.
  6. Correct HP1050C Draft printing mode (incorrect value was sent to the printer).

     Important Notes:
     This update was tested with the Linearization procedure on the Epson 7500 and 9000 devices with the following media and the results were satisfactory:
     - Epson Premium Glossy Photo Paper
     - BEST Remoteproof Paper 9180 Semi matt
     - Best Proof Paper 5150 Glossy
     - BEST Color-Proof 6150 Semi matt

     There are media types like Epson Photo Semi Gloss Paper that the first print comes out with an extreme overload of colors that eliminates the ability to calibrate it. This media types will have to be switched until we'll come with a concrete decision on supporting these media types.

  ======**Upd_Brisque4_97_Improof - 4.0.97.3 correction:**==========

  - New screens added to support Iris43Wide, were missing in the previous updates.

  ======**Upd_Brisque4_97_Improof - 4.0.97.2 Corrections:**==========
  For Epson:

  1. New screens have been added to overcome the graininess problem in highlights. (This screen will be applied to all other models as well except of IrisWIDE)
  2. Performance improvements.
  3. Color Match issues are in progress (it seems that on some paper types the result was not good enough) Moshe is working with CEU to finalize the solution.

  For HP 5000:

  - Performance improvements for Low & Productivity modes (up to engine speed)

  ======**Upd_Brisque4_97_Improof - 4.0.97.1 Corrections:**==========

  1. Improves the split of 4 to 6 color (CMYKcm), which brings smoother appearance, and better degrades.
  2. Reduces the ink coverage in shadows.
  3. Improved quality in terms of color corrections and ink coverage.
  4. Default profiles have already been sent out. However those default profiles are valid for the specific parameters tested in the lab. In order to achieve similar results of good linearization and good color match and reduced ink coverage in shadows we recommended to use Profile Wizard 2.01) and follow the instructions published by the color group.
  5. Improving the screening algorithm to overcome the graininess appearance in highlights.

- **UpdLotemSpectrum.JAR (4.0.97.10) + Upd_Brisque4_ExposeJRE (4.0.97.4)**
  Should be loaded in any Lotem Spectrum / LotemSpectumQuantum installation

- **Upd_Brisque4_Flex (4.0.97.5) + Upd_Brisque4_ExposeJRE (4.0.97.4)**

Customers who need to use the FlexoTable
IMPORTANT: You MUST load Upd_Brisque4_97_TiffArrange (4.0.97.1) after loading these updates

- **Upd_Brisque4_97_TiffArrange (4.0.97.5)**
  For Brisque Users with LotemThermoFlex using 1BitTiff workflow as Auto Arrange.
  IMPORTANT: You must load Upd_Brisque4_Flex (4.0.97.5) + Upd_Brisque4_ExposeJRE (4.0.97.4) first.

- **Upd_Translate_WebGrowth (4.1.0.1)**
  IMPORTANT: Do not load this update, WebGrowth not supported yet in this version.

- **Upd_Brisque4_97_FastPreview (4.0.97.3)**
  Faster preview of Impo Jobs for users with a lot of Marks in the library, recommended to be loaded on slow platforms only.
  During the preview of Impo Jobs the system is checking the existence of all the Marks in the Marks Library, by loading this update the preview will not do the check and will run faster.

- **Upd_Brisque4_97_exscsi (4.1.0.2)**
  Improves performance of 43P-150 platform connected Tredsetter direct.

- **Upd_Brisque4_97_rsrc (4.0.97.1)**
  This update improves our software behavior versus Helios, thus making it more compliant to Helios standards.
  By this we reduce chances for file/folder creation with wrong Helios ID.
  IMPORTANT: This update should be installed with Product Support Specialist approval ONLY.

- **Upd_Zero_IP_Address (4.0.96.1) - Was also available as optional update on the previous 4.0.97 (EP) CD2.**
  Required for sites with networks that include 0 in the TCP/IP address. To be loaded only if the system asks for this update during the login process.
  IMPORTANT: This update can be removed with Cold Start only.

C. Loading Instructions

1. For existing customer who already have the official 4.0.97 EP2 kit (Blue Box)

NOTE: If you don't own the official (Blue Box) 4.0.97 EP2 kit, please contact Creo Inside Sales and order it.

Loading Full Software Version:

This option allows to install the new Brisque Product version. During the installation, all the current packages including the updates will be deleted and the new Brisque Product version will be installed.

Note: Loading Full Version maintains the Brisque's current configuration (ie:Hotfolders, Templates, Screensets, Network Settings, etc.) However, it's always recommended to backup your configuration (SciSmit, Backup and Restore, Save Configuration To dataVolume) prior to updating any software on the Brisque.

Note: Loading Full Version reverts the Brisque Preferences (above File Info, Prefs.) back to the defaults. Prior to Loading Full Version, write down any changes to the defaults and reenter them after the Software Load.

To load a full software version:
1. Exit the Brisque application.
2. Login as root and enter your password [ripro].
3. At the command prompt, type scismit and press Enter to access the *SciSmit* main menu.
4. From the *SciSmit* main menu, select Software Handling -> Loading Full Software Version.
5. Insert the *Brisque Product* CD (1 of 2) and press Enter.
6. Press Enter at "Are you sure...?" message window.

This process takes approximately 25 minutes to complete.
Remember to leave the front door open since the CD will automatically be ejected.
When ready, the following message appears on the screen:

```
************************************************************
Please insert "Brisque Product 2" CD and press Enter to continue...
************************************************************
```

7. Remove the "Brisque Product 1 - 4.0.97 (1 of 2)" CD from the drive and insert the "N E W" "Brisque Product 2 -4.0.97.20 (2 of 2)" CD and then press Enter.

This process takes approximately 5 minutes to complete. Upon completion the system will reboot.

After reboot the Console login appears:
AIX Version 4
(c) Copyrights by IBM and others 1982, 1996
Console login:

8. If no additional update is required, remove the "N E W" "Brisque Product 2 - 4.0.97.20 (2 of 2)" CD from the drive.
9. Login as cdesci.
10. Navigate above File Info to Station Info, More Info… and verify all the Mandatory updates mentioned above are listed.
11. If you wish to load optional update, please Proceed with *Loading Optional Updates (see below)*

Loading Optional Updates:

To install Optional Updates on top of the Brisque Product Version, use the Update Software Packages option from Scismit.

To update the Brisque software package:
1. Exit the Brisque application.
2. Login as root and enter your password [ripro].
3. At the command prompt, type *scismit* and press Enter to access the *SciSmit* main menu.
4. Make sure that the "Brisque Product 2 -4.0.97 (2 of 2)" CD is in the drive.
5. From the *SciSmit* main menu, select Software Handling -> Update Software Packages.
6. Press F4 to display the list of optional updates.
7. Use the arrow and F7 keys to select the desired updates and press Enter twice.
8. Press Enter at "Are you sure...?" message window.

Upon completion, system automatically reboots.
9. Remove the "Brisque Product 2 -4.0.97 (2 of 2)" CD from the drive.
10. Login as cdesci.
11. Navigate above File Info to Station Info, More Info… and verify that all the Optional Updates you chose to install are listed.

2. Migration V3 >> V4

Same existing procedure found in the 4.0.97.18 EP2 Accessories CD, this time use the new CD2. After the Migration, if Optional Updates are needed follow the Loading Optional Updates procedure above.

3. Cold Start

Same existing procedure found in the 4.0.97.18 EP2 Documentation CD, this time use the new CD2. After the Cold Start, if Optional Updates are needed follow the Loading Optional Updates procedure above.