

On Customer Site

Visit Report

Reference :

Commande BSTe France : CM1912025 - 2		Call / PM number : PM502	
Customer :	CPC Cotentin	System :	iPQ Center
Customer Contact :	M. Emmanuel Cornu	SN / WA :	ASO045079 / WA20214
Customer Order number :	CM1912025 – 2 / PR230102	Machine Nickname :	Bobst

Visit Purpose :

Mechanical Preparation	☐	Installation	☐	Start-up	☐
Maintenance	☒	Under Contract	☒	Out of Contract	☐
Troubleshoot	☐	Under Warranty	☐	Out of Warranty	☐
Instruction	☐ Yes				
	☒ No				

	28 / 09 / 2023	29 / 09 / 2023	/ /	/ /	/ /	/ /
Travel To	0	0.5				
Start Time	13h00	8h30				
Lunch Time	1	0				
End Time	15h30	11h00				
Travel From	0.5	5.5				

Details	Maintenance préventive du système iPQ Center sur presse Bobst suivant check list.
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Purpose of the visit completed : Yes ☒ No ☐

Need a new visit : Yes ☐ No ☒

On Customer Site

Maintenance Checklist for iPQ systems

Available supporting documents :

- iPQ-Center Setup Instruction
- iPQ-Center Maintenance routines
- WSC-Camera Maintenance routine
- LED illumination maintenance routine

Customer name and place : [CPC Cotentin / Chemin de la Canurie, 50250 La Haye-du-Puits](#)

Contact person at customer / Title : [M. Emmanuel Cornu \(Responsable Maintenance & Travaux neufs\)](#)

Customer Mail & Mobile/Landline : e.cornu-cotentin@cpcpackaging.com / +33 2 33 07 33 11

System Type : [iPQ Center](#)

WA/ASO : [WA20214 / ASO045079](#)

Machine Manufacturer/Model/Nickname : [Bobst / RS 6003 CHS / Bobst](#)

Date : [29/09/2023](#)

Name : [Arnaud Darcel](#)

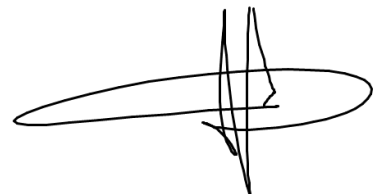
Comments :

Signatures :



Arnaud Darcel 2023-09-29T10:22:33+02:00

BST eltromat FSE



Emmanuel Cornu 2023-09-29T10:22:16+02:00

Customer

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Prior to a Preventive Maintenance :

Check for system affecting modification reports and software releases.

Check for iPQ-Spectral sensor replace date.

Check with customer about problems and demands.

OK/NOK/NA

1. Replace filters of cabinets, check fan function.

☒ ☐ ☐

2. Visual check of system basic hardware condition :

OK/NOK/NA

- Check if all screws are in position and tightened.
- Check cables for damages and correct fit in cable trunks.
- Check if all connectors are tightened.

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3. Check image quality of screens with test pattern :

OK/NOK/NA

- Load test pattern from screen supplier on computer and display on all screens.
- Check for color quality, pixel defects, contrast, brightness.
- Recalibrate touch screen if necessary.

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4. Traverse and WSC-Camera according to separate instruction :

OK/NOK/NA

- Replace flash bulbs for main flash.
- Clean glasses in front of main flash.
- Change filters, check fan function.
- Clean lens from dust.
- Clean shadow reducing backplate.
- Check flash bulb in lacquer (Cold Seal) flash.
- Clean half mirrored glass in lacquer flash.
- Check ZIF function with buttons on WSC Control Board.
- Visual check and cleaning of traverse bars.

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5. Check power flash or homogeneous BackPlate :

OK/NOK/NA

- Check function of flash bulbs according to instruction.
- Clean surface of white plate.
- Visual check and cleaning of traverse bars.

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6. Alarm status indicator :

OK/NOK/NA

- Check function of light bulbs in green, yellow and red.
- Check function of acoustic alarm.

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7. Verify the web way in front of line cameras and under measurement wheel :

OK/NOK/NA

- There must be no waves on the web.
- The rollers must be smooth, not (max. slightly) spiraled. (iPQ-Check, sis,icm,bc).
- The guide rollers must rotate with the web speed.
- The measuring wheel must be mounted on a roller wrapped $\geq 90^\circ$ material.
- The line camera must be mounted according to project drawing.
- Web guiding unit in machine must be in operation.

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8. Line ship cameras and illumination LED function and image quality :

OK/NOK/NA

- Clean internal mirrors and camera lenses with mirror cleaner.
- Clean LED front illumination and possible LED backlight with window cleaner.
- Verify mechanical mounting of components, special the position of LED backlight to front illumination unit.
- Check LEDs function by sunglasses or welding glasses.
- Change filters and check fans on function.
- Check / proceed the mechanical alignment.
- Check / proceed a white alignment.
- Check / proceed a shading.

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9. Check measurement wheel :

OK/NOK/NA

- Mounted according to latest mechanical drawing. ☒ ☐ ☐
- Pressure according to iPQ-Check maintenance manual. (10-15N) ☒ ☐ ☐
- No dirt or damages on rubber surface. ☒ ☐ ☐
- Smooth running. ☒ ☐ ☐
- Running on the web. ☒ ☐ ☐
- Not too far from line camera unit (≤ 1 meter). ☒ ☐ ☐
- Rollers not or only slightly spiraled. ☒ ☐ ☐

OK/NOK/NA

10. Exchange the UPS battery according to iPQ-Check maintenance.
☒ ☐ ☐

- Model : [ELIIPSE ECO 1200](#) Date : [2018](#)

11. Check for useful software update with release letter : (*)

OK/NOK/NA

- Update to latest released software version IF system is affected from bug fixes and/or new functions and features. ☒ ☐ ☐
- Check if an update of communication Workflow components is also necessary. ☒ ☐ ☐

12. Check function and performance of the system :

OK/NOK/NA

- Performance of 100% print defect detection. ☒ ☐ ☐
- System performance at splice situations. ☒ ☐ ☐
- System performance after "out of print" situations. ☒ ☐ ☐
- System performance close to max. iPQ check system speed. ☒ ☐ ☐
- Check function/performance of additional software options like barcode, color Monitoring, Smartregister, etc. ☐ ☐ ☒
- Check remote service function with BST eltromat RS. (**) ☒ ☐ ☐
- Teamviewer Version check and upgrade (v15) : ☒ ☐ ☐
- Check availability of system in customer network for snapshot gallery, pdf-upload And WorkFlow applications. ☐ ☐ ☒

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13. Give an instruction and production guiding for system operators.

OK/NOK/NA

- Explain new functions from software upgrade ☐ ☐ ☒
- Proceed a practice training at machine about all basic functions. ☐ ☐ ☒
- Explain special functions more detailed on operators request. ☐ ☐ ☒
- Guide the production and watch how operators work with the system to give hints for a better operation. ☐ ☐ ☒

14. Backup for customer :

OK/NOK/NA

- *Preconditions : above points are checked and okay* ☒ ☐ ☐
- Backup HardDisk or Image-PC exist from current Base Image -PC. ☒ ☐ ☐
- If NOK on previous point, make a new Image-PC or Backup HDD. ☒ ☐ ☐
- Write date and WA/ASO number on Backup HardDisk or Image-PC file name and give a copy to the customer. ☒ ☐ ☐

OK/NOK/NA

15. Make a backup for our own service purpose and put this on our server. (*)**

☒ ☐ ☐

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Technical datas

Computer name : [20214iPQ-Center1-1](#)Computer description : [iPQ Center, WA20214](#)Total Physical Memory : [48 GB](#)Free Space in C Drive (System) : [50.9 GB](#)Free Space in D Drive (Data) : [94.3 GB](#)Free Space in E Drive (Log) : [42.1 GB](#)Free Space in F Drive (Protocol) : [1.62 TB](#)Screen Resolution 3 (Main) : [1920x1080](#)Screen Resolution 1/2 : [1920x1080](#)Screen Resolution 4 : [Disconnected](#)Camera Type : [2 X DALSA-P4-70KHz](#)Computer Model / Image : [IPC-BKA-BSTE02](#)Date : [2018W10](#)UPS Catalog Nb : [EL1200USBIEC](#)

(*)	Global Version :	Current : 2.17.9	New :
	TCU.x :	Current : 1.12	New :
	WSX_3xx/WSC_4xx :	Current : 1.9.6	New :
	PPS.3 :	Current : 2.2	New :
	ILI-CTRL :	Current : 1.4.3	New :

() Remote Maintenance (Teamviewer)**IP address : [10.50.21.14](#)Subnet mask : [255.255.255.0](#)Default gateway : [10.50.21.1](#)Preferred DNS server : [10.50.21.1](#)

Alternate DNS server :

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Remote Access (Snapshot gallery, pdf upload, WF applications)

IP address :

Subnet mask :

Default gateway :

Preferred DNS server :

Alternate DNS server :

Teamviewer ID : [1 035 997 951 / v15](#)

(**) - Dcf and pdfx folder

- Windows Credentials

- iPQ-xxxxxx_bak_date_time.zip file generated from sysconfig.py

- MmxlpMap file in mmx folder for Check systems (Overlapping)

- Screenshot from Application settings

- Screenshot from visconfig.py (Mmx + Srb + Image)

OK/NOK/NA

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Parts replaced during Preventive Maintenance :

1 – [Camera RJ45 cable](#)

2 -

Parts suggested to replace during the next Maintenance :

1 - [8 Bulbs](#)

2 -

Part need to be replaced as soon as possible :

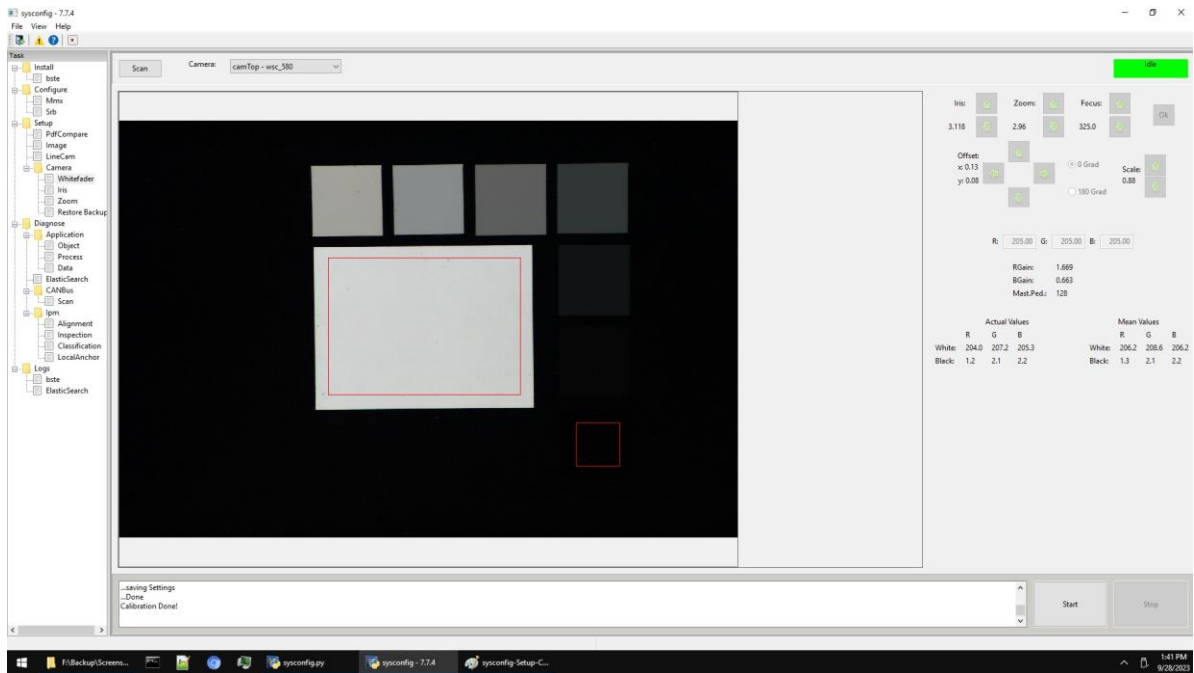
1 -

2 -

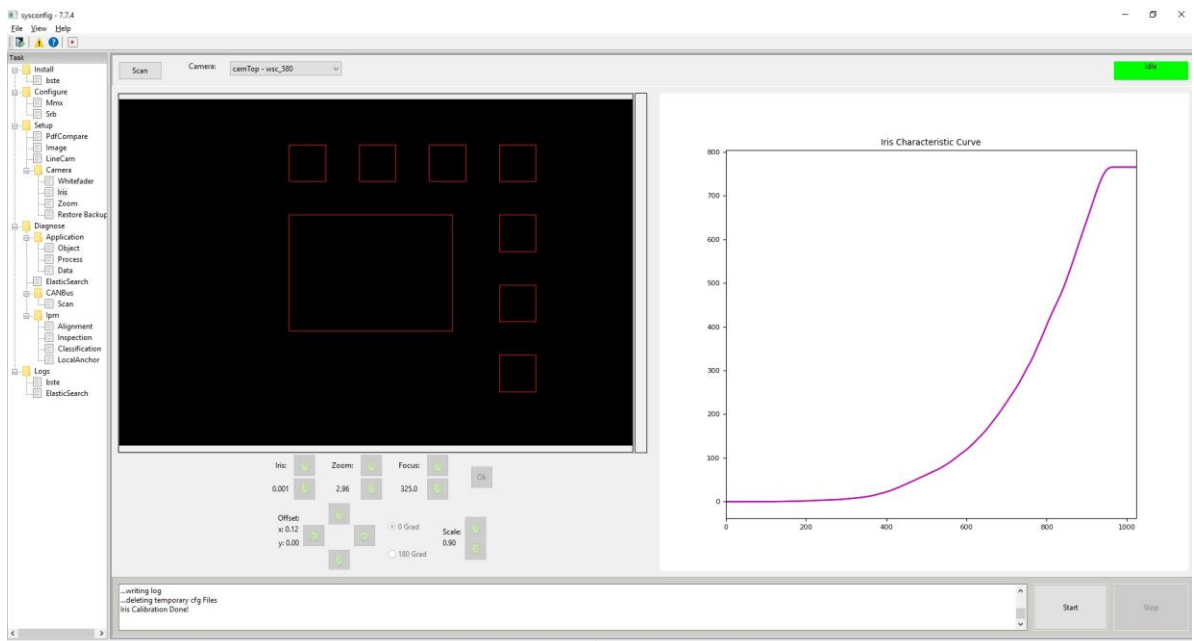
On Customer Site

Notes

1- White Fader

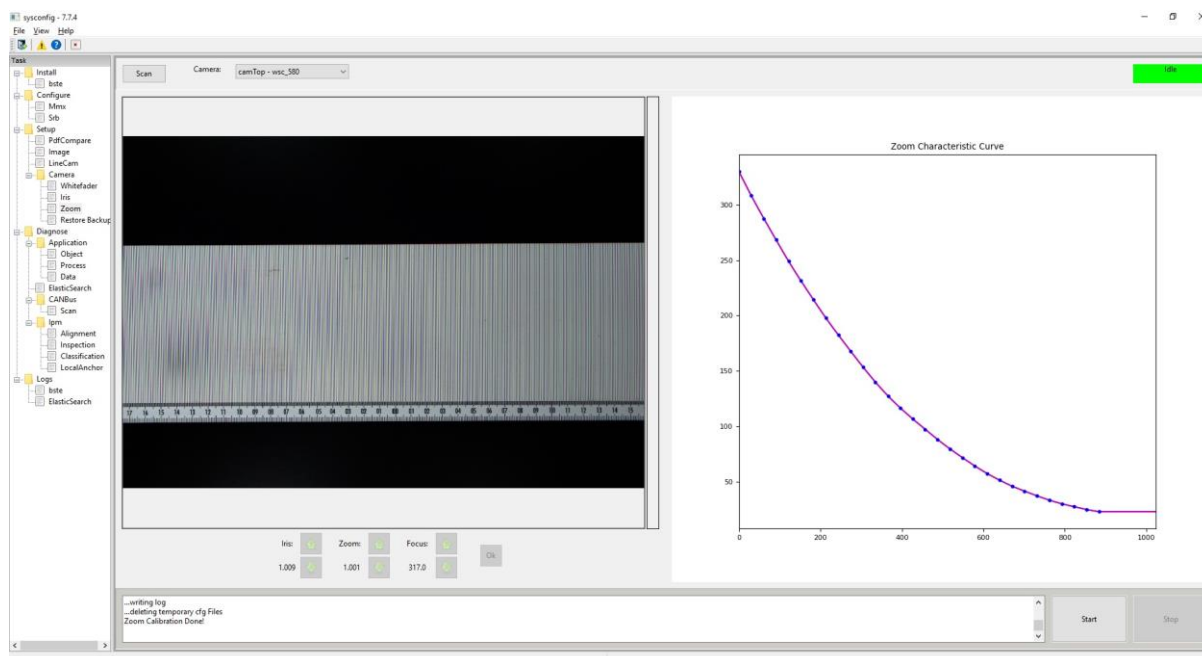


2- Iris

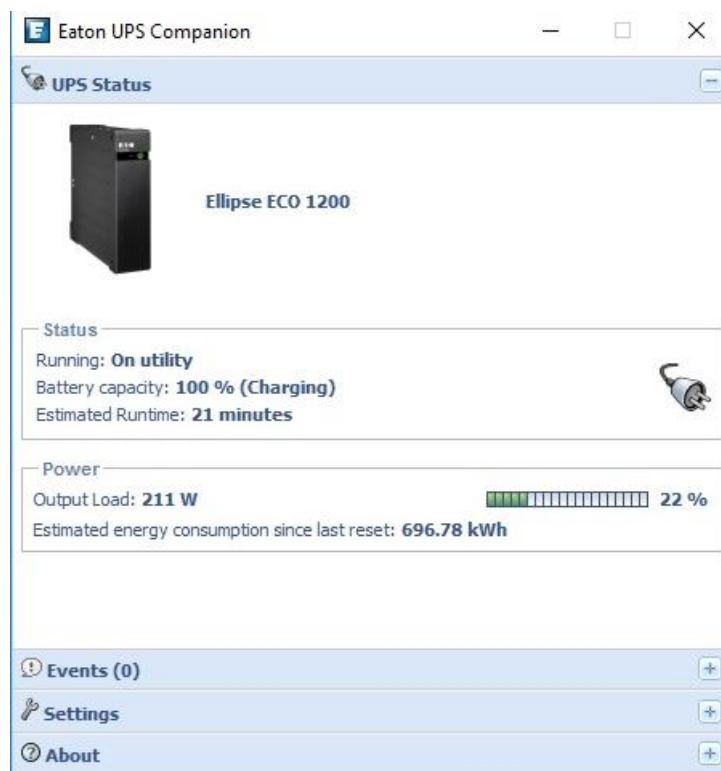


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3- Zoom



4- UPS



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5- Camera RJ45 cable



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- 6- 3 RAM Board déplacées vers slot libre - 36GB/48GB visible avant intervention. Camera freezées a grande vitesse.

