

On Customer Site

Visit Report

Reference :

Commande BSTe France :		Call / PM number : PM351	
Customer :	Amcor (Dijon)	System :	iPQ Center
Customer Contact :	M. Florent Dioux	ASO / WA :	ASO037017 / WA0019916
Customer Order number :	SERV220601	Machine Nickname :	i36

Visit Purpose :

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

	05 / 09 / 2022	/ /	/ /	/ /	/ /	/ /
Travel To	1.5					
Start Time	7h20					
Lunch Time	0.5					
End Time	14h00					
Travel From	1.5					

Details	Maintenance préventive du système iPQ Center sur presse Cerutti i36. Calibration des 2 cameras et grand nettoyage.
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Purpose of the visit completed :

Yes ☒

No ☐

Need a new visit :

Yes ☐

No ☒

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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 : [Amcors Flexibles / 24 rue de la Stéarinerie, 21000 Dijon](#)

Contact person at customer / Title : [M. Florent Dioux \(CI Manager\)](#)

Customer Mail & Mobile/Landline : florent.dioux@amcor.com / +33 7 70 19 33 78 / +33 3 80 42 31 01

System Type : [iPQ Center](#)

ASO/WA : [ASO037017/WA0019916](#)

Machine Manufacturer/Model/Nickname : [Cerutti / RD940 / i36](#)

Date : [05/09/2022](#)

Name : [Richard Relin](#)

Comments :

Signatures :



Richard Relin 2022-09-05T14:21:23+02:00

BST eltromat FSE



Florent Dioux 2022-09-05T14:21:13+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.

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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 : Encoder = 3125 pulses

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.

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- Model : [1ELNT320553](#) Date : [2017](#)

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 Spectral color measurement :

OK/NOK/NA

- Check sensor front, sensor flashes and reference tiles for dust and contamination. ☐☐☒
- Proceed an alignment of sensor to backing by SUAT-tool. ☐☐☒
- Proceed an alignment of a possible backing wheel by SUAT-tool. ☐☐☒
- Check and clean backing from contamination. ☐☐☒
- Check if sensor can reach its manual calibration and parking position. ☐☐☒
- Check backing wheel functions : spin, air pressure, (parallel) position to web. ☐☐☒

13. 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. ☒☐☐

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- | | |
|---|---|
| - 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 (v12) : | ☒ ☐ ☐ |
| - Check availability of system in customer network for snapshot gallery, pdf-upload And WorkFlow applications. | ☐ ☐ ☒ |

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

OK/NOK/NA

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|---|---|
| - 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. | ☐ ☒ ☐ |

15. Backup for customer :

OK/NOK/NA

- | | |
|--|---|
| - <i>Preconditions : above points are checked and okay</i> | ☒ ☐ ☐ |
| - 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

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

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Technical datas

Main Power 230V Input : [231V](#)

Computer name : [19916iPQ-Center1-1](#)

Computer description : [iPQ-Center, WA19916](#)

Total Physical Memory : [32 GB](#)

Free Space in C Drive (System) : [79.3 GB](#)

Free Space in D Drive (Data) : [101 GB](#)

Free Space in E Drive (Log) : [250 GB](#)

Free Space in F Drive (Protocol) : [1.78 TB](#)

OS : [Windows Embedded Standard – Service Pack 1](#)

Screen Resolution 1 : [1920x1080](#)

Screen Resolution 2 : [1920x1080](#)

Camera Type : [Dalsa-P4 Qty : 2](#)

Computer Model / Image : [dell-R7910-E5-2680 / Boot HDD = F](#)

(*)	Global Version :	Current : 2.17.7	New :
	TCU.x :	Current : 1.12	New :
	WSX_3xx/WSC_4xx :	Current : 1.9.5	New :
	PPS.3 :	Current : 2.2	New :
	ILI-CTRL :	Current : 1.4.3	New :

(**) **Remote Maintenance (Teamviewer)**

IP address : [DHCP Automatic](#)

Subnet mask :

Default gateway :

Preferred DNS server :

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 : [731 096 445 / v12](#)

	OK/NOK/NA
(***) - Dcf and pdfx folder	☐ ☒ ☐
- Windows Credentials	☐ ☒ ☐
- iPQ-xxxxxx_bak_date_time.zip file generated from sysconfig.py	☒ ☐ ☐
- MmxlpmMap file in mmx folder for Check systems (Overlapping)	☐ ☒ ☐
- Screenshot from Application settings	☒ ☐ ☐
- Screenshot from visconfig.py (Mmx + Srb + Image)	☐ ☒ ☐

Parts replaced during Preventive Maintenance :

- | | |
|---------------------------------|-----|
| 1 - Flash Bulbs | 3 - |
| 2 - | 4 - |

Parts suggested to replace during the next Maintenance :

- 1 -
2 -

Part need to be replaced as soon as possible :

- | | |
|-------------------------|-----|
| 1 - UPS | 4 - |
| 2 - | 5 - |

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Notes

- **Calibration sur I34 et réglage écrans(2h30)**