



PhIS & CPS PROJECT



Pharmacy Information System (PhIS) and Clinic Pharmacy System (CPS)

Klinik Kesihatan Kapar

**JKN SELANGOR
(ZONE 10)**

1ST Preventive Maintenance Report

P.M. Date	21 FEBRUARY 2018
Report ID	PM/REPORT/ZONE10/KKKAPAR
Report Version	V1.0



PhIS & CPS PROJECT



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Revision History:

Ver. No	Date of Release	Consolidated by	List of Changes from Previous Version	Signature & Date
1.0	21/02/2018	Muhammad Anuar bin Awaluddin	Initial document	 MUHAMMAD ANUAR B. AWALUDDIN PhIS & CPS Implementer Pharmaniaga Logistic Sdn. Bhd. 21/2/18

Verified and Acknowledged by facility:

Received / Acknowledged by facility	
Name	
Signature / Company Stamp	 NORYATI BT. ZOLKOPRI PEGAWAI FARMASI U48 KLINIK KESIHATAN KAPAR
Designation / Department	
Date	21/2/18



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Appendix A

Certificate of Acceptance



EXECUTION OF PREVENTIVE MAINTENANCE

Project: PhIS & CPS

**1ST Preventive Maintenance (2018)
For
Klinik Kesihatan Kapar**

Summary findings for Preventive Maintenance conducted on 21/02/2018

No	Item	Allocated Quantity	Serviced Quantity	Remarks
1	Desktop	6	6	
2	LaserJet Printer	1	1	
3	Thermal Printer	2	2	
4	Switch	1	1	
5	Server	1	1	
6	UPS	1	1	

Signature & Stamp:

<p><u>For PLSB</u></p>  <p>Name: MUHAMMAD ANUAR B. AWALUDDIN Designation: PhIS & CPS Implementer Pharmaniaga Logistic Sdn. Bhd. Date: 21/2/18</p>	<p><u>For Facility</u></p>  <p>Name: NORIYATI BT. ZOLKOPRI Designation: PEGAWAI FARMASI U48 KLINIK KESIHATAN KAPAR Date: 21/2/18</p>
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Appendix B

Preventive Maintenance Checklist

**PREVENTIVE MAINTENANCE CHECKLIST
(SERVER / UPS / STORAGE)**

(FORM 2)

FACILITY : **KLINIK KESIHATAN KAPAR**
 STATE : **SELANGOR**

DEPT : **IT**
 ZONE : **10**

LOCATION : **OUTPATIENT PHARMACY**

SERVER 1	SERVER 2	UPS
PAT ID : CPS/SEL-03/KKS-06/SVR-001	PAT ID : CPS/SEL-03/KKS-06/UPS-001	
SERIAL NO : 06FK1DL	SERIAL NO : 1520703160AF413	
MODEL : IBM X3500 M5	MODEL : LIEBERT GXT3-1000RT230	

If Alert is tick (X), fill in & elaborate details in FINDINGS / COMMENTS / DETECTION session.

PART I - HARDWARE, CABLING & CONNECTIVITY (INSPECTION & PHYSICAL CHECK)

Standard Task:	SERVER 1			SERVER 2			UPS		
	Function	Not Function & Resolved	Alert	Not Function & Unresolved	Alert	Not Function & Unresolved	Function	Not Function & Resolved	Alert
Cleaning	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Verify Condition :									
Connection via LAN / USB	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fan/ Power Supply	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Light Path Diagnosis panel	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
UTP Cable connect to switch	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
HA Gateway to Core Switch	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

PART II - SETUP & HEALTH CHECK

Function	SERVER 1			SERVER 2			UPS		
	Not Function & Resolved	Alert	Not Function & Unresolved	Not Function & Resolved	Alert	Not Function & Unresolved	Function	Not Function & Resolved	Alert
Run DSA & collect DSA Log	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SERVER 1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SERVER 2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Software/Firmware Version :	SERVER 1	SERVER 2
ClamAV	0.98.3	
Zabbix	2.2.6	
Bacula	5.2.12	
Glassfish	3.1.2.2	
UEFI	1.0	
IMM2	1.75	

System Software	SERVER 1	SERVER 2
SUSE LINUX (OS)	SUSE 11	Updated
Kernel	3.0.76-0.11	
GCC	4.3.4	

Housekeeping:	SERVER 1	SERVER 2
Clear /tmp folder > 2 weeks	<input type="checkbox"/>	<input type="checkbox"/>
Archive Log Files	<input type="checkbox"/>	<input type="checkbox"/>

**PREVENTIVE MAINTENANCE CHECKLIST
(SERVER / UPS / STORAGE)**

(FORM 2)

PAT ID : _____
 SERIAL NO: _____
 TYPE : STORAGE

N/A

Function	Not Function & Resolved		Not Function & Unresolved	
	Alert	Ticket No	Alert	Ticket No
Perform Health Check:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Storage Manager Error Alerts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Storage events logs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
HDD Indicator lights	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Enable read/write cache	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Enable Media Scan both at controller level and LUN level	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Software/Firmware Version :

Controller	Updated
ESM	
Driver	

PART IV - FINDINGS / ALERTS / DETECTION

PART V - ACKNOWLEDGEMENT

CUSTOMER

Signature & Stamp
 Customer Name
 Date


 NORIYATI B. ZOLKOPRI
 PEGAWAI FARMASI U48
 KLINIK KESIHATAN KAPAR
 21/2/18

PHARMANIAGA LOGISTICS SDN BHD (PLSB)

Signature & Stamp
 Engineer Name
 Date


 MUHAMMAD ANUAR B. ANWALUDDIN
 PhIS & CPS Implementer
 Pharmaniaga Logistic Sdn. Bhd.
 21/2/18

**PREVENTIVE MAINTENANCE CHECKLIST
(CORE SWITCH / DISTRIBUTION SWITCH)**

(FORM 3)

FACILITY : **KLINIK KESIHATAN KAPAR** DEPT : **IT** STATE : **SELANGOR** ZONE : **1D**

PAT ID : _____ SERIAL NO: **DNI1913008Q** Location : Loaned Unlocated Relocated OPD

PART I - STANDARD TASK		PART II - STANDARD HEALTH CHECK		PART III - STANDARD SETUP	
Function	Not Function & Resolved	Alert	Not Function & Unresolved	Alert	Ticket No
<input type="checkbox"/> Cleaning Verify Condition : Cable & Connection Power Supply Check LED Status System LED Master LED STACK ID	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>	
	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	
	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	
	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	

SSH Access & Connection
Execute Putty to start
Specify the IP to connect
Test Login
Test & Verify Management IP via console access

PAT ID : _____ SERIAL NO: _____ Location : Loaned Unlocated Relocated

PART I - STANDARD TASK		PART II - STANDARD HEALTH CHECK		PART III - STANDARD SETUP	
Function	Not Function & Resolved	Alert	Not Function & Unresolved	Alert	Ticket No
<input type="checkbox"/> Cleaning Verify Condition : Cable & Connection Power Supply Check LED Status System LED Master LED STACK ID	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	
	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	
	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	
	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	

SSH Access & Connection
Execute Putty to start
Specify the IP to connect
Test Login
Test & Verify Management IP via console access

PART IV - FINDINGS / COMMENTS / DETECTION

PART V - ACKNOWLEDGEMENT

Signature & Stamp		Signature & Stamp	
Customer Name	NORIYATI BT. ZOLKOPRI PEGAWAI FARMASI UJ3 KLINIK KESIHATAN KAPAR	Engineer Name	MUNAMAD ANDAR B. AWALUDIN PMS & CPS Implementer Pharmaniaga Logistic Sdn. Bhd.
Date	2/2/18	Date	2/2/18

PREVENTIVE MAINTENANCE CHECKLIST (DEVICE)

ZONE : 10

STATE : SELANGOR

LOCATION :

DEPT : OUTPATIENT PHARMACY

FACILITY : KLINIK KESIHATAN KAPAR

Location : Procurement, Receiving, Distribution

DESKTOP / NOTEBOOK / LASERJET / THERMAL-PRINTER

PAT ID : CPS/SEL-03/KKS-06/PCD-006

Relocated :

Unlocated :

MOUSE : 4416265

KEYBOARD : 3655321

MONITOR : V901TYLD

S/N CPU : PC080E3N

PART I - STANDARD TASK

All Device: Cleaning

Desktop/Notebook: Device is harden Yes No N/A

MEMORY : 2 GB 4 GB

PART II - STANDARD HEALTH CHECK

Verify Condition : Connection via LAN / USB Fan/ Power Supply/ Charger Hard Disk Utilization (GB) : 1st Partition 2nd Partition

Function	Used	Free	Alert	Ticket No
1st Partition	128	11	<input type="checkbox"/>	
2nd Partition	756	136	<input type="checkbox"/>	

PART III - STANDARD SETUP

Auto update disabled: (a) Java (JDK 6 update 30) (b) Internet Explorer 9 (64bits) ClamAv - Ver 0.98.3 Microsoft Office BCP (BCP PC only) Backup PC (Bacula Web)

Verification: IWP KYM PHIS Portal

Location :

DESKTOP / NOTEBOOK / LASERJET / THERMAL-PRINTER

PAT ID :

Relocated :

Unlocated :

MOUSE :

KEYBOARD :

MONITOR :

S/N CPU :

PART I - STANDARD TASK

All Device: Cleaning

Desktop/Notebook: Device is harden Yes No N/A

MEMORY : 2 GB 4 GB

PART II - STANDARD HEALTH CHECK

Verify Condition : Connection via LAN / USB Fan/ Power Supply/ Charger Hard Disk Utilization (GB) : 1st Partition 2nd Partition

Function	Used	Free	Alert	Ticket No
1st Partition			<input type="checkbox"/>	
2nd Partition			<input type="checkbox"/>	

PART III - STANDARD SETUP

Auto update disabled: (a) Java (JDK 6 update 30) (b) Internet Explorer 9 (64bits) ClamAv - Ver 0.98.3 Microsoft Office BCP (BCP PC only) Backup PC (Bacula Web)

Verification: IWP KYM PHIS Portal

Location :

DESKTOP / NOTEBOOK / LASERJET / THERMAL-PRINTER

PAT ID :

Relocated :

Unlocated :

MOUSE :

KEYBOARD :

MONITOR :

S/N CPU :

PART I - STANDARD TASK

All Device: Cleaning

Desktop/Notebook: Device is harden Yes No N/A

MEMORY : 2 GB 4 GB

PART II - STANDARD HEALTH CHECK

Verify Condition : Connection via LAN / USB Fan/ Power Supply/ Charger Hard Disk Utilization (GB) : 1st Partition 2nd Partition

Function	Used	Free	Alert	Ticket No
1st Partition			<input type="checkbox"/>	
2nd Partition			<input type="checkbox"/>	

PART III - STANDARD SETUP

Auto update disabled: (a) Java (JDK 6 update 30) (b) Internet Explorer 9 (64bits) ClamAv - Ver 0.98.3 Microsoft Office BCP (BCP PC only) Backup PC (Bacula Web)

Verification: IWP KYM PHIS Portal

**PREVENTIVE MAINTENANCE CHECKLIST
(DEVICE)**

FACILITY : **KLINIK KESIHATAN KAPAR** DEPT : **OUTPATIENT PHARMACY** LOCATION : **STATE : SELANGOR** ZONE : **10**

PATID : **CPS/SEL-03/KKS-06/PCD-004** DEPT : **OUTPATIENT PHARMACY** LOCATION : **STATE : SELANGOR** ZONE : **10**
 S/N CPU : **PC05FLM2** MONITOR : **V901BZ3V** MOUSE : **H5515HA1S8B** KEYBOARD : **0000941** Location : **Screening, Verification & Labelling**

PART I - STANDARD TASK	PART II - STANDARD HEALTH CHECK	PART III - STANDARD SETUP	
All Devices: <input checked="" type="checkbox"/> Cleaning Desktop/Notebook: Yes <input type="checkbox"/> No <input type="checkbox"/> N/A Device is harden <input checked="" type="checkbox"/> 2 GB <input type="checkbox"/> 4 GB MEMORY : 2 GB <input type="checkbox"/> 4 GB <input type="checkbox"/>	Verify Condition : Connection via LAN / USB <input type="checkbox"/> Fan/ Power Supply/ Charger <input type="checkbox"/> Hard Disk Utilization (GB) : 1st Partition <input type="checkbox"/> 2nd Partition <input type="checkbox"/>	Auto update disabled: (a) Java (JDK 6 update 30) <input type="checkbox"/> (b) Internet Explorer 9 (64bits) <input type="checkbox"/> ClamAV - Ver 0.98.3 <input type="checkbox"/> Microsoft Office <input type="checkbox"/> BCP (BCP PC only) <input type="checkbox"/> Backup PC (Bacula Web) <input type="checkbox"/>	Verification: IWP <input checked="" type="checkbox"/> KYM <input checked="" type="checkbox"/> PHS Portal <input checked="" type="checkbox"/>
Not Function & Resolved: <input type="checkbox"/> Alert: <input type="checkbox"/> Ticket No: <input type="checkbox"/> Used: <input type="checkbox"/> Free: <input type="checkbox"/> Ticket No: <input type="checkbox"/> 113 125 136 756 136		Function: <input checked="" type="checkbox"/> Not Function & Resolved: <input type="checkbox"/> Function: <input checked="" type="checkbox"/> Not Function & Resolved: <input type="checkbox"/> Used: <input type="checkbox"/> Free: <input type="checkbox"/> Ticket No: <input type="checkbox"/> 122 116 136 759 136	Function: <input checked="" type="checkbox"/> Not Function & Resolved: <input type="checkbox"/> Function: <input checked="" type="checkbox"/> Not Function & Resolved: <input type="checkbox"/> Used: <input type="checkbox"/> Free: <input type="checkbox"/> Ticket No: <input type="checkbox"/> 122 116 136 759 136

PATID : **CPS/SEL-03/KKS-06/PCD-005** DEPT : **OUTPATIENT PHARMACY** LOCATION : **STATE : SELANGOR** ZONE : **10**
 S/N CPU : **PC05FLON** MONITOR : **V901BZ0A** MOUSE : **H5515HA1PAA** KEYBOARD : **0000951** Location : **Procurement, Receiving, Distribution**

PART I - STANDARD TASK	PART II - STANDARD HEALTH CHECK	PART III - STANDARD SETUP	
All Devices: <input checked="" type="checkbox"/> Cleaning Desktop/Notebook: Yes <input type="checkbox"/> No <input type="checkbox"/> N/A Device is harden <input checked="" type="checkbox"/> 2 GB <input type="checkbox"/> 4 GB MEMORY : 2 GB <input type="checkbox"/> 4 GB <input type="checkbox"/>	Verify Condition : Connection via LAN / USB <input type="checkbox"/> Fan/ Power Supply/ Charger <input type="checkbox"/> Hard Disk Utilization (GB) : 1st Partition <input type="checkbox"/> 2nd Partition <input type="checkbox"/>	Auto update disabled: (a) Java (JDK 6 update 30) <input type="checkbox"/> (b) Internet Explorer 9 (64bits) <input type="checkbox"/> ClamAV - Ver 0.98.3 <input type="checkbox"/> Microsoft Office <input type="checkbox"/> BCP (BCP PC only) <input type="checkbox"/> Backup PC (Bacula Web) <input type="checkbox"/>	Verification: IWP <input checked="" type="checkbox"/> KYM <input checked="" type="checkbox"/> PHS Portal <input checked="" type="checkbox"/>
Not Function & Resolved: <input type="checkbox"/> Alert: <input type="checkbox"/> Ticket No: <input type="checkbox"/> Used: <input type="checkbox"/> Free: <input type="checkbox"/> Ticket No: <input type="checkbox"/> 122 116 136 759 136		Function: <input checked="" type="checkbox"/> Not Function & Resolved: <input type="checkbox"/> Function: <input checked="" type="checkbox"/> Not Function & Resolved: <input type="checkbox"/> Used: <input type="checkbox"/> Free: <input type="checkbox"/> Ticket No: <input type="checkbox"/> 122 116 136 759 136	Function: <input checked="" type="checkbox"/> Not Function & Resolved: <input type="checkbox"/> Function: <input checked="" type="checkbox"/> Not Function & Resolved: <input type="checkbox"/> Used: <input type="checkbox"/> Free: <input type="checkbox"/> Ticket No: <input type="checkbox"/> 122 116 136 759 136

PATID : **CPS/SEL-03/KKS-06/LJP-001** DEPT : **OUTPATIENT PHARMACY** LOCATION : **STATE : SELANGOR** ZONE : **10**
 S/N CPU : **451457LM2GMLC** MONITOR : **V901BZ3V** MOUSE : **H5515HA1S8B** KEYBOARD : **0000941** Location : **Procurement, Receiving, Distribution**

PART I - STANDARD TASK	PART II - STANDARD HEALTH CHECK	PART III - STANDARD SETUP	
All Devices: <input checked="" type="checkbox"/> Cleaning Desktop/Notebook: Yes <input type="checkbox"/> No <input type="checkbox"/> N/A Device is harden <input checked="" type="checkbox"/> 2 GB <input type="checkbox"/> 4 GB MEMORY : 2 GB <input type="checkbox"/> 4 GB <input type="checkbox"/>	Verify Condition : Connection via LAN / USB <input type="checkbox"/> Fan/ Power Supply/ Charger <input type="checkbox"/> Hard Disk Utilization (GB) : 1st Partition <input type="checkbox"/> 2nd Partition <input type="checkbox"/>	Auto update disabled: (a) Java (JDK 6 update 30) <input type="checkbox"/> (b) Internet Explorer 9 (64bits) <input type="checkbox"/> ClamAV - Ver 0.98.3 <input type="checkbox"/> Microsoft Office <input type="checkbox"/> BCP (BCP PC only) <input type="checkbox"/> Backup PC (Bacula Web) <input type="checkbox"/>	Verification: IWP <input checked="" type="checkbox"/> KYM <input checked="" type="checkbox"/> PHS Portal <input checked="" type="checkbox"/>
Not Function & Resolved: <input type="checkbox"/> Alert: <input type="checkbox"/> Ticket No: <input type="checkbox"/> Used: <input type="checkbox"/> Free: <input type="checkbox"/> Ticket No: <input type="checkbox"/> 113 125 136 756 136		Function: <input checked="" type="checkbox"/> Not Function & Resolved: <input type="checkbox"/> Function: <input checked="" type="checkbox"/> Not Function & Resolved: <input type="checkbox"/> Used: <input type="checkbox"/> Free: <input type="checkbox"/> Ticket No: <input type="checkbox"/> 113 125 136 756 136	Function: <input checked="" type="checkbox"/> Not Function & Resolved: <input type="checkbox"/> Function: <input checked="" type="checkbox"/> Not Function & Resolved: <input type="checkbox"/> Used: <input type="checkbox"/> Free: <input type="checkbox"/> Ticket No: <input type="checkbox"/> 113 125 136 756 136

**PREVENTIVE MAINTENANCE CHECKLIST
(DEVICE)**

DEPT : **KLINIK KESIHATAN KAPAR** LOCATION : **SELANGOR** ZONE : **10**

DEPT : **OUTPATIENT PHARMACY** LOCATION : **SELANGOR** ZONE : **10**

PAT ID : **CPS/SEL-03/KKS-06/PCD-001** DEPARTMENT : **DESKTOP / NOTEBOOK / LASERJET / THERMAL-PRINTER**

S/N CPU : **PC05F10U** MONITOR : **V901BZ52** KEYBOARD : **0000897** MOUSE : **H5515HA1PBD**

Learned: Unlearned: Relocated: Location: **Screening, Verification, Labelling & Dispensing**

PART I - STANDARD TASK N/A **PART III - STANDARD SETUP**

All Device: Cleaning	<input checked="" type="checkbox"/>	Verify Condition : Connection via LAN / USB	Function	Not Function & Resolved	Alert	Ticket No	Function	Not Function & Resolved	Current Version	Updated Version
Desktop/Notebook: Device is harden	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Fan/ Power Supply/ Charger	Used	Free	Alert	Ticket No	Auto update disabled:	Function	Current Version	Updated Version
MEMORY : 2 GB <input checked="" type="checkbox"/> 4 GB <input type="checkbox"/>		Hard Disk Utilization (GB) : 1st Partition	114	127			(a) Java (JDK 6 update 30)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		2nd Partition	75.7	136			(b) Internet Explorer 9 (64bits)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
							ClamAV - Ver 0.98.3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
							Microsoft Office	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
							BCP (BCP PC only)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
							Backup PC (Bacula Web)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

PAT ID : **CPS/SEL-03/KKS-06/PCD-002** DEPARTMENT : **DESKTOP / NOTEBOOK / LASERJET / THERMAL-PRINTER**

S/N CPU : **PC05F10Z** MONITOR : **V901BZ4N** KEYBOARD : **0000904** MOUSE : **H5515HA1P9J**

Learned: Unlearned: Relocated: Location: **Dispensing 1**

PART I - STANDARD TASK N/A **PART III - STANDARD SETUP**

All Device: Cleaning	<input checked="" type="checkbox"/>	Verify Condition : Connection via LAN / USB	Function	Not Function & Resolved	Alert	Ticket No	Function	Not Function & Resolved	Current Version	Updated Version
Desktop/Notebook: Device is harden	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Fan/ Power Supply/ Charger	Used	Free	Alert	Ticket No	Auto update disabled:	Function	Current Version	Updated Version
MEMORY : 2 GB <input checked="" type="checkbox"/> 4 GB <input type="checkbox"/>		Hard Disk Utilization (GB) : 1st Partition	112	117			(a) Java (JDK 6 update 30)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		2nd Partition	75.6	136			(b) Internet Explorer 9 (64bits)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
							ClamAV - Ver 0.98.3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
							Microsoft Office	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
							BCP (BCP PC only)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
							Backup PC (Bacula Web)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

PAT ID : **CPS/SEL-03/KKS-06/PCD-003** DEPARTMENT : **DESKTOP / NOTEBOOK / LASERJET / THERMAL-PRINTER**

S/N CPU : **PC05FL3D** MONITOR : **V901R4G4** KEYBOARD : **0002118** MOUSE : **H5515HA1HWG**

Learned: Unlearned: Relocated: Location: **Dispensing 2**

PART I - STANDARD TASK N/A **PART III - STANDARD SETUP**

All Device: Cleaning	<input checked="" type="checkbox"/>	Verify Condition : Connection via LAN / USB	Function	Not Function & Resolved	Alert	Ticket No	Function	Not Function & Resolved	Current Version	Updated Version
Desktop/Notebook: Device is harden	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Fan/ Power Supply/ Charger	Used	Free	Alert	Ticket No	Auto update disabled:	Function	Current Version	Updated Version
MEMORY : 2 GB <input checked="" type="checkbox"/> 4 GB <input type="checkbox"/>		Hard Disk Utilization (GB) : 1st Partition	114	122			(a) Java (JDK 6 update 30)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		2nd Partition	75.6	136			(b) Internet Explorer 9 (64bits)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
							ClamAV - Ver 0.98.3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
							Microsoft Office	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
							BCP (BCP PC only)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
							Backup PC (Bacula Web)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**PREVENTIVE MAINTENANCE CHECKLIST
(DEVICE)**

DEPT : OUTPATIENT PHARMACY LOCATION : STATE : SELANGOR ZONE : 10

DESKTOP / NOTEBOOK / LASERJET / THERMAL PRINTER

KLINIK KESIHATAN KAPAR

PAT ID : CPS/SEL-03/KKS-06/THP-001 Location : Screening, Verification, Labelling & Dispensing

S/N CPU : 2305N001185 Relocated :

MONITOR : N/A KEYBOARD : MOUSE :

PART I - STANDARD TASK		PART II - STANDARD HEALTH CHECK		PART III - STANDARD SETUP			
Function	Not Function & Resolved	Not Function & Unresolved	Alert	Ticket No	Function	Not Function & Resolved	Updated Version
All Device: Cleaning	<input checked="" type="checkbox"/>		<input type="checkbox"/>		Verification:	<input type="checkbox"/>	
Verify Condition : Connection via LAN / USB	<input type="checkbox"/>		<input type="checkbox"/>		IWP	<input type="checkbox"/>	
Fan/ Power Supply/ Charger	<input type="checkbox"/>		<input type="checkbox"/>		KYM	<input type="checkbox"/>	
Hard Disk Utilization (GB) :	Used	Free	Alert	Ticket No	PHIS Portal	<input type="checkbox"/>	
Device is harden	Yes	No	<input type="checkbox"/>		Auto update disabled:	<input type="checkbox"/>	
MEMORY : 2 GB	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		(a) Java (JDK 6 update 30)	<input type="checkbox"/>	
4 GB	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		(b) Internet Explorer 9 (64bits)	<input type="checkbox"/>	
					ClamAV - Ver 0.98.3	<input type="checkbox"/>	
					Microsoft Office	<input type="checkbox"/>	
					BCP (BCP PC only)	<input type="checkbox"/>	
					Backup PC (Bacula Web)	<input type="checkbox"/>	

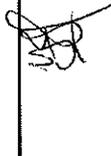
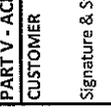
PAT ID : CPS/SEL-03/KKS-06/THP-002 Location : Screening, Verification & Labelling

S/N CPU : 2305N001100 Relocated :

MONITOR : KEYBOARD : MOUSE :

PART I - STANDARD TASK		PART II - STANDARD HEALTH CHECK		PART III - STANDARD SETUP			
Function	Not Function & Resolved	Not Function & Unresolved	Alert	Ticket No	Function	Not Function & Resolved	Updated Version
All Device: Cleaning	<input checked="" type="checkbox"/>		<input type="checkbox"/>		Verification:	<input type="checkbox"/>	
Verify Condition : Connection via LAN / USB	<input type="checkbox"/>		<input type="checkbox"/>		IWP	<input type="checkbox"/>	
Fan/ Power Supply/ Charger	<input type="checkbox"/>		<input type="checkbox"/>		KYM	<input type="checkbox"/>	
Hard Disk Utilization (GB) :	Used	Free	Alert	Ticket No	PHIS portal	<input type="checkbox"/>	
Device is harden	Yes	No	<input type="checkbox"/>		Auto update disabled:	<input type="checkbox"/>	
MEMORY : 2 GB	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		(a) Java (JDK 6 update 30)	<input type="checkbox"/>	
4 GB	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		(b) Internet Explorer 9 (64bits)	<input type="checkbox"/>	
					ClamAV - Ver 0.98.3	<input type="checkbox"/>	
					Microsoft Office	<input type="checkbox"/>	
					BCP (BCP PC only)	<input type="checkbox"/>	
					Backup PC (Bacula Web)	<input type="checkbox"/>	

FURTHER ACTION / RECOMMENDATION

PART V - ACKNOWLEDGEMENT	
CUSTOMER	PHARMANIAGA LOGISTICS SDN BHD (PLSB)
Signature & Stamp	
Customer Name	NORIYATI B.T. ZOLKOPRI
Date	21/7/18
Signature & Stamp	
Engineer Name	MUHAMMAD ANUAR B. AWALI
Date	21/7/18
Signature & Stamp	
Customer Name	PHIS & CPS Implementation
Date	21/7/18



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Appendix C

Hardware Inventory List



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Hardware Inventory List

List of equipment available in the facility as per below table:

1. PCD

No	CPU	MONITOR	KEYBOARD	MOUSE	ASSET TAGGING	DEPARTMENT	LOCATION
1	PC05FL0U	V901BZ52	0000897	HS515HA1PBD	CPS/SEL-03/KKS-06/PCD-001	Outpatient Pharmacy	Screening, Verification, Labelling & Dispensing
2	PC05FL02	V901BZ4N	0000904	HS515HA1P9J	CPS/SEL-03/KKS-06/PCD-002	Outpatient Pharmacy	Dispensing 1
3	PC05FL3D	V901R4G4	0002118	HS515HA1HWG	CPS/SEL-03/KKS-06/PCD-003	Outpatient Pharmacy	Dispensing 2
4	PC05FLM2	V901BZ3V	0000941	HS515HA1S8B	CPS/SEL-03/KKS-06/PCD-004	Outpatient Pharmacy	Screening, Verification & Labelling
5	PC05FL0N	V901BZ0A	0000951	HS515HA1PAA	CPS/SEL-03/KKS-06/PCD-005	Outpatient Pharmacy	Procurement, Receiving, Distribution
6	PC080E3N	V901TYLD	03655321	44L6256	CPS/SEL-03/KKS-06/PCD-006	Outpatient Pharmacy	Procurement, Receiving, Distribution

2. TOSHIBA PRINTER

No.	TOSHIBA	ASSET TAGGING	DEPARTMENT	LOCATION
1	2305N001185	CPS/SEL-03/KKS-06/THP-001	Outpatient Pharmacy	Screening, Verification, Labelling & Dispensing
2	2305N001100	CPS/SEL-03/KKS-06/THP-002	Outpatient Pharmacy	Screening, Verification & Labelling

3. LASERJET PRINTER

No.	LASERJET	ASSET TAGGING	DEPARTMENT	LOCATION
1	451457LM2GMLC	CPS/SEL-03/KKS-06/LJP-001	Outpatient Pharmacy	Procurement, Receiving, Distribution

4. DISTRIBUTION

No.	SWITCH S/N	ASSET TAGGING	DEPARTMENT	LOCATION
1	DNI1913008Q	CPS/SEL-03/KKS-06/DSW-001	IT DEPARTMENT	OPD



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5. SERVER

No.	SERVER S/N	ASSET TAGGING	DEPARTMENT	LOCATION
1	06FKYDL	CPS/SEL-03/KKS-06/SVR-001	IT	Outpatient Pharmacy

6. UPS

No.	UPS S/N	ASSET TAGGING	DEPARTMENT	LOCATION
1	1520703160AF413	CPS/SEL-03/KKS-06/UPS-001	IT	Outpatient Pharmacy