# Audit Report for Audit ID - AU007-1 BPM Audit Report for IT Department

Audit Score 77/100

#### **Details**

Audit	AU007
Scheduled Audit	AU007-1
Location	Hyderabad
Hotel	Marigold Hotel
Department	BPM-IT
Checklist	BPM Audit Report for IT Department
Audit Type	Internal
Auditor	Srinivas K A
Start Date	01-05-2017
End Date	30-05-2017
Submitted Date	30-01-2018
Status	Completed
Assigned By	Administrator Account
Non-Compliance	81
Chronic Issues	0

## Comparison

# MARIGOLD HOTEL BPM AUDIT REPORT FOR IT DEPARTMENT

BPM AUDIT REPORT FOR IT DEPARTMENT		May 2017	VARIANCE	% of Increase / Decrease (-/
S.No	Sections	SCORE OBTAINED		+)
1	Critical Tasks	43	-	-
2	IT intiatives	81	-	-
3	Server Maintenance	76	-	-
4	Computer Hardware Printers & Switches	74	-	-
5	EPABX Telephones and Mobiles	82	-	-
6	Internet WIFI	81	-	-
7	Software Audit	86	-	-
8	Network Security	82	-	-
9	Business Applications	81	-	-
10	CCTV	74	-	-
11	AMC & Insurance	80	-	-
12	Documentation and Others	84	-	-
Audit Score		77	-	-

•	80-100 = Green	Good / Excellent
<b></b>	61-79 = Yellow	Average
-	60 below is Red	Poor / Fair

## Non-Compliance

Section: Critical Tasks Subsection: Important Tasks
1: PMS Back up scheduled for every 6 hours NC Rating: 3
2: PMS Manual DB backup at 10am on separate PC NC Rating: 0
<ol> <li>PMS MONTHLY BACKUP ON MEDIA stored at Finance Fire Proof Safe NC Rating: 0</li> </ol>
4: PMS MONTHLY BACKUP ON MEDIA stored at Unit Head Office NC Rating: 0
5: PMS MONTHLY BACKUP ON MEDIA stored at IT Department NC Rating: 0
6: Daily downloading of latest Antivirus SUPERDAT file NC Rating: 5
7: PMS INS Yearly data on Media NC Rating: 0
8: Pen drives blocked on all Systems NC Rating: 7
9: Internet access to users as per our policy NC Rating: 7
10: EPABX Preventive once in 6 months NC Rating: 0
<ul><li>11: Monthly back up of Fire Wall configuration NC</li><li>Rating: 0</li></ul>
12: Monthly back up of FAMS, SAL TDS & TDS pack NC Rating: 7
13: Mail Alert for IP camera working NC Rating: 6
Section: IT intiatives Subsection: IT initiatives

1: Passport scanner integration working . NC

Rating: 0

3

- Guest Room key card interface to PMS. NC Rating: 0
- 3: Voice logger working . NC Rating: 5
- 4: online Entry of KOT for buffets using TABS. **NC** Rating: 0

Section: IT intiatives

Subsection: Data Transfer

- Regular updation of Intranet. NC Rating: 4
- Vendor Tracking System. NC Rating: 0
- 3: Daily P&L account. NC Rating: 0

**Section:** Server Maintenance **Subsection:** Server Maintenance

- Regular Monitoring of Event logs NC Rating: 5
- 2: Regular checking for RAID Alarms NC Rating: 5
- 3: Regular checking for hardware errors NC Rating: 5
- 4: Daily Monitoring of SQL Sever logs NC Rating: 5
- 5: Rack maintained well Dust free NC Rating: 5
- 6: Switch Maintenance at Server room NC Rating: 5
- 7: PMSDB not to exceed 10GB NC Rating: 0
- 8: Deletion of not in use DB's after backup **NC** Rating: 7

Section: Computer Hardware Printers & Switches

Subsection: Computers

- Following the local user access procedure NC Rating: 7
- Following weekly check list NC Rating: 7
- 3: Following the Monthly check list NC Rating: 7
- 4: Following the Quarterly check list NC Rating: 7
- 5: Following the Yearly check list NC Rating: 7
- 6: Regularly taking the computers data backup NC Rating: 0
- 7: Monitoring the computers hard drives logs NC Rating: 6
- 8: Computers are Maintained cleanly NC Rating: 7
- 9: Yearly once doing the clean format NC Rating: 7
- 10: Mailing address book updation NC Rating: 0

**Section:** Computer Hardware Printers & Switches

Subsection: Printers

- Regular Servicing of Printers NC Rating: 7
- Laser/ Deskjet refill quality NC Rating: 7

Section: Computer Hardware Printers & Switches

Subsection: Switches

 Network chart at switch level to identify NC Rating: 7

Section: EPABX Telephones and Mobiles

Subsection: EPABX

 Head phones functioning. NC Rating: 0 2: Network diagram available at MDF NC Rating: 0

Section: EPABX Telephones and Mobiles

Subsection: Mobile Phones

 Not working/Scrapped phones NC Rating: 0

2: CUG Plan utilisation NC Rating: 5

Section: Internet WIFI Subsection: General

 No of staff trained on WIFI - Min.-3/month NC Rating: 6

2: Internet load analysis NC Rating: 0

 No.of internet complaints during quarter NC Rating: 0

**Section:** Software Audit **Subsection:** Software Audit

1: MS office compliance NC Rating: 0

Section: Software Audit

Subsection: Re-installation Procedure

1: MS-Office NC Rating: 7

**Section:** Network Security **Subsection:** Firewall

1: Changes documented **NC** Rating: 5

**Section:** Business Applications **Subsection:** PMS software

 De-activation of ID on employee exit NC Rating: 5

2: User access rights review NC Rating: 5

3: Parameter changes during last 3 months NC

Rating: 6

- 4: Purging of Guest History NC Rating: 0
- 5: Purging of Reservations NC Rating: 0
- 6: Purging of Guest Ledger NC Rating: 7
- 7: Purging of FO Transaction NC Rating: 7
- 8: Usage of Debtors followup NC Rating: 0

**Section:** Business Applications

Subsection: Mailing

 De-activation of unused mail boxes NC Rating: 7

Section: CCTV
Subsection: CCTV

- 1: Working condition of all cameras NC Rating: 7
- 2: CCTV server/DVR working condition NC Rating: 7
- 3: Storage of 90 days data NC Rating: 7
- 4: Deletion of unnecessary data NC Rating: 7
- 5: Mail alert camera NW NC Rating: 0

**Section:** AMC & Insurance **Subsection:** Computers AMC

1: Servers are covered under AMC NC Rating: 0

**Section:** AMC & Insurance **Subsection:** Software AMC

1: CRS software in AMC NC

Rating: 0

**Section:** AMC & Insurance **Subsection:** Insurance

1: CCTV Cameras NC

Rating: 0

**Section:** Documentation and Others **Subsection:** SMART updation

1: Data network updated NC

Rating: 7

- 2: Internet Network updated NC Rating: 7
- 3: UPS layout distribution updated NC Rating: 5
- 4: I.P. configuration chart NC Rating: 7
- 5: Virus updation chart **NC** Rating: 7
- 6: Backup summary chart **NC** Rating: 7
- 7: GUI PMS user chart NC Rating: 7
- 8: Module attributes NC Rating: 7
- 9: CCTV server configuration NC Rating: 6

**Section:** Documentation and Others **Subsection:** Weekly Checklist

1: 25% of Assets to be covered NC Rating: 7

**Section:** Documentation and Others **Subsection:** Monthly Checklist

1: 50% of the above to be completed **NC** Rating: 7

Section: Documentation and Others

Subsection: Quarterly Checklist

1: Rebuild your desktop NC Rating: 5

2: Change all your passwords NC Rating: 5

## Chronic

No chronic issues found

## **Audit Questionnaire**

Section: Critical Tasks Subsection: Important Tasks
1: PMS Back up scheduled for every 6 hours NC Rating: 3
2: PMS Manual DB backup at 10am on separate PC NC Rating: 0
3: PMS MONTHLY BACKUP ON MEDIA stored at Finance Fire Proof Safe NC Rating: 0
4: PMS MONTHLY BACKUP ON MEDIA stored at Unit Head Office NC Rating: 0
5: PMS MONTHLY BACKUP ON MEDIA stored at IT Department NC Rating: 0
6: Loading latest security patches on server Rating: 10
7: Daily downloading of latest Antivirus SUPERDAT file NC Rating: 5
8: Fire Wall Policy as per our policy for server / others Rating: 10
9: PMS INS Yearly data on Media NC Rating: 0
<ul><li>10: Pen drives blocked on all Systems NC</li><li>Rating: 7</li></ul>
11: Internet access to users as per our policy NC Rating: 7
12: EPABX OS - back up once in a month Rating: 10
13: EPABX Preventive once in 6 months NC Rating: 0
<ul><li>14: Monthly back up of Fire Wall configuration NC</li><li>Rating: 0</li></ul>
15: Monthly back up of FAMS, SAL TDS & TDS pack NC

Green Park Corporate Audit Team. 16: Monthly Audit of website for proper functioning Rating: 8 17: Mail Alert for IP camera working NC Rating: 6 Section: IT intiatives Subsection: IT initiatives 1: Guest Photo Check-in Rating: 10 2: Passport scanner integration working . NC Rating: 0 3: SMS of Internet password to Guest on Check-in. Rating: 10 4: Guest Room key card interface to PMS. NC Rating: 0 5: Airport Pickup Software - Zoop. Rating: 8 6: Room Survey on TAB from guest while Check-out. Rating: 10 7: Voice logger working . NC Rating: 5 8: I-Alert - message working and usage. Rating: 10 9: CARE - call center software functioning and usage. Rating: 10 10: online Entry of KOT for buffets using TABS. NC Rating: 0 11: F&B Surveys on TABS from guest in outlets. Rating: 10 12: Usage of Happy hours. Not Applicable 13: Banquet billing with transfer from FP. Rating: 10

14: Banquet Advance Tagging for reservation

15: Requirement entry edit restrict after printing FP.

Rating: 10

Section: IT intiatives

Subsection: Data Transfer

1: PMS data transfer to Maxim.

Rating: 10

2: Sales Force Data Transfer to PMS and PMS to SF.

Rating: 10

3: CRS booking transfers.

Rating: 10

4: Regular updation of Intranet. NC

Rating: 4

5: Visitor Management System functioning.

Rating: 10

6: Vendor Tracking System. NC

Rating: 0

7: Daily P&L account. NC

Rating: 0

8: Online Liquor inventory.

Rating: 10

9: Purchase indent authorization online .

Rating: 10

10: Purchase Requisition authorization online - 2 levels.

Rating: 10

11: PO authorization online - 3 levels.

Rating: 10

12: PO PDF mail.

Rating: 10

13: ANPR system working status.

Rating: 10

14: Mobile provided for Task Manager Working.

Rating: 10

15: IP Camera at - Receiving.

16: IP Camera at - Banquets Plate wash.Rating: 10

17: IP Camera at - Banquets Plate Issue Area. Rating: 10

18: Weighing scale auto capture of weight.

Rating: 10

19: Capture of Photo while receiving.Rating: 10

**Section:** Server Maintenance **Subsection:** Server Maintenance

 Regular Monitoring of Event logs NC Rating: 5

- 2: Regular checking for RAID Alarms NC Rating: 5
- Regular checking for hardware errors NC Rating: 5
- 4: Daily Monitoring of SQL Sever logs NC Rating: 5
- 5: Rack maintained well Dust free NC Rating: 5
- 6: Switch Maintenance at Server room NC Rating: 5
- 7: All patch chords labeled Rating: 8
- 8: All cables dressed properly and identified Rating: 8
- 9: Power sockets check Rating: 8
- 10: Server UPS working condition Rating: 10
- 11: Earthing working properly Rating: 10
- 12: Regular check of disk usage Rating: 8

13:	Removing un-necessary files /data
	Rating: 8

- 14: Review of user accounts and clean up Rating: 8
- 15: Loading of latest security patches Rating: 8
- 16: Disable of un-necessary services Rating: 9
- 17: Anti virus policy for server Rating: 10
- 18: Fire wall policy for server Rating: 10
- 19: Checking for memory utilisation Rating: 10
- 20: Server room temperature below 24 degrees Rating: 10
- 21: User accounts and policies Rating: 10
- 22: PMSDB not to exceed 10GB NC Rating: 0
- 23: Deletion of not in use DB's after backup NC Rating: 7
- 24: Admin account restrict from remote login Rating: 9
- 25: Don't share the folders except PMS Folder Rating: 8

**Section:** Computer Hardware Printers & Switches **Subsection:** Computers

- Following the local user access procedure NC Rating: 7
- Following weekly check list NC Rating: 7
- 3: Following the Monthly check list NC Rating: 7

- 4: Following the Quarterly check list **NC** Rating: 7
- 5: Following the Yearly check list NC Rating: 7
- 6: Regularly taking the computers data backup NC Rating: 0
- 7: Monitoring the computers hard drives logs NC Rating: 6
- 8: Licenced softwares only installed Rating: 8
- 9: Maintaing the systems asset management Rating: 10
- 10: Properly installed the Antivirus Rating: 8
- 11: Computer Internal firewall is enabled Rating: 8
- 12: Computers are Maintained cleanly NC Rating: 7
- 13: UPS power supply to Computers Rating: 10
- 14: Yearly once doing the clean format NC Rating: 7
- 15: Mail data backup & deletion of unwanted mails Rating: 8
- 16: Mailing address book updation NC Rating: 0

**Section:** Computer Hardware Printers & Switches

Subsection: Printers

- Regular Servicing of Printers NC Rating: 7
- Laser/ Deskjet refill quality NC Rating: 7

Section: Computer Hardware Printers & Switches

Subsection: Switches

1: UPS connections to all switches

Rating: 10

2: All patch panels and switches are labeled Rating: 8

3: Dressing of cabling

Rating: 8

 Network chart at switch level to identify NC Rating: 7

Section: Computer Hardware Printers & Switches

Subsection: UPS Systems

1: Earthing to UPS power supply Rating: 10

3

2: Battery working condition

Rating: 10

3: UPS Load distribution chart updated

Rating: 9

4: % of Load on each UPS

Rating: 9

Section: EPABX Telephones and Mobiles

**Subsection:** EPABX

1: Separate earthing and working status

Rating: 10

2: Separate UPS supply and batteries backup

Rating: 10

3: Telephone consoles functioning

Rating: 10

4: Head phones functioning. NC

Rating: 0

5: Cable from MDF and EPABX dressed properly

Rating: 8

6: MDF maintenance

Rating: 9

7: Network diagram available at MDF NC

8: PRI card functioning

Rating: 10

9: Digital Cards functioning -Any faulty ext.

Rating: 10

10: Analog extensions working -Any faulty ext.

Rating: 9

11: Working condition of FCBC

Rating: 10

12: FCBC battery back up

Rating: 10

13: Analog trunks functioning.

Rating: 10

Section: EPABX Telephones and Mobiles

Subsection: Telephones

1: Bathroom Phone instrument complaints

Rating: 9

2: Functioning of Digital Phones

Rating: 10

3: Room Phone Instrument complaints

Rating: 9

4: Condition of Room phones

Rating: 9

5: Condition of bathroom phones

Rating: 10

6: Status of standby room phones

Rating: 10

7: Status of standby Bath room phones

Rating: 10

Section: EPABX Telephones and Mobiles

Subsection: Mobile Phones

1: Working condition of phones

Rating: 9

2: Not working/Scrapped phones NC

3: Frequency of repairs

Rating: 10

4: CUG Plan utilisation NC

Rating: 5

Section: Internet WIFI

Subsection: Wireline Internet

1: Condition of Wireline Switches

Rating: 10

2: Condition of Patch chords provided in rooms

Rating: 9

3: No of rooms patch chords checked/Replaced

Rating: 8

4: Provision for Wireline in Banquets

Rating: 10

5: UPS Power supply to Switches.

Rating: 10

Section: Internet WIFI Subsection: WIFI

1: Working of Access points

Rating: 10

2: Uninterrupted power supply to Access points

Rating: 10

3: Maintenance of Access points and Antennas

Rating: 10

4: Precautions for external access points

Rating: 10

5: Signal strength in Public areas

Rating: 8

6: Signal strength in Rooms

Rating: 10

7: Signal Strength in Banquets

Rating: 10

Section: Internet WIFI Subsection: General

1: No of staff trained on WIFI - Min.-3/month NC Rating: 6

2: Internet load analysis NC

Rating: 0

3: No.of internet complaints during quarter NC Rating: 0

Section: Software Audit
Subsection: Software Audit

1: Windows Server Licenses - compliance

Rating: 10

2: SQL server licenses - compliance

Rating: 10

3: Windows Desktop OS Compliance

Rating: 10

4: Window CAL compliance

Rating: 10

5: SQL CAL compliance

Rating: 10

6: MS office compliance NC

Rating: 0

7: Open office usage

Rating: 8

Section: Software Audit

Subsection: Re-installation Procedure

1: Windows - Server

Rating: 10

2: SQL Server

Rating: 10

3: Desktop OS

Rating: 10

4: MS-Office NC

Rating: 7

Section: Network Security
Subsection: Antivirus

1: Regularly updating the antivirus Rating: 8

2: All antivirus software version is same Rating: 10

3: All computers On-demand scan working fine Rating: 10

- 4: Regularly checking the On Access Statistics Rating: 10
- 5: All computers Access Protection is enabled Rating: 8
- 6: All computers Buffer overflow protection is enabled Rating: 8
- 7: All computers On-Delivery E Mail Scanner is enabled Rating: 8
- 8: Verify that scheduled scanning is enabled Rating: 8
- 9: All computers On access demand is enabled Rating: 8

**Section:** Network Security **Subsection:** Firewall

- Regularly monitoring the Dell Sonic firewall Rating: 8
- 2: New updates and patches are installed Rating: 8
- 3: .exe files are blocked to all computers Rating: 8
- 4: Social network sites blocked to unauthorized users Rating: 8
- 5: Monitor Firewall client VPN connections usage Rating: 8
- 6: Monitor -Malicious abnormal activity Rating: 8
- 7: Regular review of logs -VPN -Firewall Rating: 8

- 8: Regular review of logs -Routers-IDS-IPS-Firewall Rating: 8
- 9: Default deny policy must be installed Rating: 8
- 10: Exemptions on fire wall documented Rating: 8
- 11: Changes documented NC Rating: 5

**Section:** Business Applications **Subsection:** PMS software

- 1: Usage of Software Rating: 8
- 2: De-activation of ID on employee exit NC Rating: 5
- 3: User access rights review NC Rating: 5
- 4: Parameter changes during last 3 months NC Rating: 6
- 5: Purging of Guest History NC Rating: 0
- 6: Purging of Reservations NC Rating: 0
- 7: Purging of Guest Ledger NC Rating: 7
- 8: Purging of FO Transaction NC Rating: 7
- 9: Online Printing of all FO vouchers through PMS Rating: 10
- 10: PC master updations Rating: 10
- 11: Usages of Privilege cards Rating: 10
- 12: Touch Screen Interface Rating: 10

13: Online KOT printing

Rating: 10

14: Usage of Debtors followup NC

Rating: 0

15: Invoices and Reminder Printing

Rating: 9

16: Bank Reconciliation

Rating: 10

17: Online Voucher print

Rating: 10

18: Cheque printing

Rating: 10

Section: Business Applications

Subsection: FAMS SALTDS and TDS Pack

1: Software backup location defined properly

Rating: 8

2: Weekly tracking backup for 3 softwares

Rating: 10

3: Software Updates are done regularly

Rating: 9

**Section:** Business Applications **Subsection:** Time office Software

1: Machine working properly

Rating: 10

**Section:** Business Applications

Subsection: HRMS

1: Usage of all online modules

Rating: 10

2: Hire Process Usage Not Applicable

3: Payroll Usage

Rating: 10

4: Bonus Usage Not Applicable

5: Employee Self services

6: Performance Appraisal Rating: 10

7: Training Not Applicable

8: Time Office Integration Rating: 10

**Section:** Business Applications

Subsection: Website

1: Regular updation of Website information Rating: 8

2: Online guest comments working

Rating: 10

3: Online reservation working status Rating: 10

4: Working status of web bookings to CRS Rating: 10

**Section:** Business Applications **Subsection:** DMS software

1: Usage of DMS software Rating: 10

**Section:** Business Applications

Subsection: Mailing

 De-activation of unused mail boxes NC Rating: 7

2: Regular monitoring of SPAM Mails Rating: 8

Section: CCTV

Subsection: Vehicle Tracking System

 Data capturing happening on DVR & Server Rating: 10

2: Storage of Data Clarity

Rating: 10

3: Reports working and viewed

Rating: 10

Section: CCTV

Subsection: CCTV

- Working condition of all cameras NC Rating: 7
- 2: CCTV server/DVR working condition NC Rating: 7
- 3: Clarity of video captured Rating: 8
- 4: Storage of data in DVR's Rating: 8
- 5: Storage of 90 days data NC Rating: 7
- 6: Deletion of unnecessary data NC Rating: 7
- 7: Mail alert camera NW NC Rating: 0

**Section:** AMC & Insurance **Subsection:** Computers AMC

 Servers are covered under AMC NC Rating: 0

**Section:** AMC & Insurance **Subsection:** Software AMC

- 1: PMS Software in AMC Rating: 10
- 2: Care Software in AMC Rating: 10
- 3: FAMS Assets software in AMC Rating: 8
- 4: Salary TDS pack in AMC Rating: 8
- 5: Suppliers TDS pack in AMC Rating: 8
- 6: Time office software in AMC Rating: 10
- 7: CRS software in AMC NC

Rating: 0

**Section:** AMC & Insurance **Subsection:** EPABX

1: Epabx in AMC Rating: 10

**Section:** AMC & Insurance **Subsection:** Others

1: Vehicle recording in AMC

Rating: 10

Section: AMC & Insurance Subsection: Insurance

1: EPABX Rating: 10

2: Passport scanner

Rating: 10

3: Softwares working with Dongle

Rating: 10

4: Voice Logger Rating: 10

5: Laptops in Insurance

Rating: 10

6: Insurance for UPS less than 1 KVA

Rating: 10

7: CCTV Cameras NC

Rating: 0

8: Mobile phones.

Rating: 10

**Section:** Documentation and Others **Subsection:** SMART updation

1: Data network updated NC

Rating: 7

2: Internet Network updated NC

Rating: 7

3: Distribution charts of switches updated

Rating: 8

- 4: UPS layout distribution updated NC Rating: 5
- 5: I.P. configuration chart **NC** Rating: 7
- 6: Virus updation chart NC Rating: 7
- 7: Backup summary chart NC Rating: 7
- 8: GUI PMS user chart NC Rating: 7
- 9: Module attributes NC Rating: 7
- 10: Maintenance charts Rating: 8
- 11: Data server configurationRating: 10
- 12: Care server configuration Rating: 10
- 13: CCTV server configuration NC Rating: 6
- 14: Desktop configuration Rating: 8

**Section:** Documentation and Others **Subsection:** Weekly Checklist

- 1: Run a disk scan to check for hard drive issues Rating: 10
- 2: Run a defragmentation program Rating: 10
- 3: Run a clean up to delete unneeded files Rating: 10
- 4: Back up your files to a remote location Rating: 10

5: Empty your recycle bin Rating: 10

6: Delete your Internet files

Rating: 10

7: Clear your browsing history

Rating: 10

8: Delete your cookies

Rating: 10

9: Update your virus definitions

Rating: 10

10: Run a full virus scan

Rating: 10

11: 25% of Assets to be covered NC

Rating: 7

**Section:** Documentation and Others **Subsection:** Monthly Checklist

1: Check for updates - OS

Rating: 10

2: Delete/uninstall unneeded or unused programs

Rating: 10

3: 50% of the above to be completed **NC** 

Rating: 7

**Section:** Documentation and Others **Subsection:** Quarterly Checklist

1: Clean your keyboard

Rating: 10

2: Clean your monitor

Rating: 10

3: Clean your peripherals

Rating: 10

4: Rebuild your desktop NC

Rating: 5

5: Change all your passwords NC