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CAHOTECH 2025

AUTOMATED CARD & UPI VERIFICATION SYSTEM

PRESENTER & COPRESENTER

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Kauvery Group of Hospitals

OUR INNOVATION : AUTOMATED CARD & UPI VERIFICATION AND RECONCILIATION

RPA based innovation for faster and error free financial verification & reconciliation

PROBLEM STATEMENT

- **The finance team spends over 3 hours daily per person manually reconciling hundreds of transactions across multiple payment systems, causing delays in financial reconciliation.**

RPA PROCESSING

- **Automates end-to-end verification and reconciliation across HMS, Merchant portal (Hitachi, Pine Labs, etc.) and SAP**
- **Eliminates manual errors and ensures faster processing.**

COMPREHENSIVE CHECKS

- **Validates Card and UPI transactions across multiple payments gateways.**
- **Ensures matching entries between system and bank data.**
- **Generates verification reports automatically.**

IMPACT & RESULTS

- **Time reduced 3 hours to 30 minutes/single unit in a day**
- **Accuracy improved before 1 error day, after 0 error/day**
- **Enhanced staff moral, stratification and productivity.**

TECH FLOW: FROM TRANSACTION SUMMARY TO AUTOMATED VERIFICATION & RECONCILIATION

AUTOMATION TRIGGERED
Bot automatically retrieves Transaction report from HMS, Merchant portals and SAP. The automation process starts without any manual intervention.
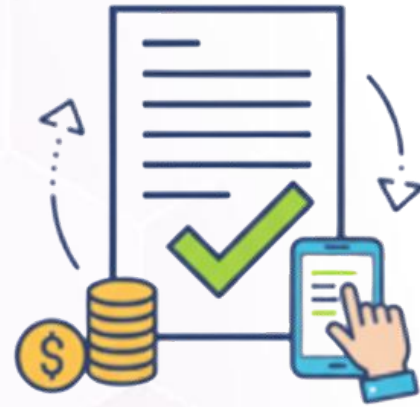
RECONCILING
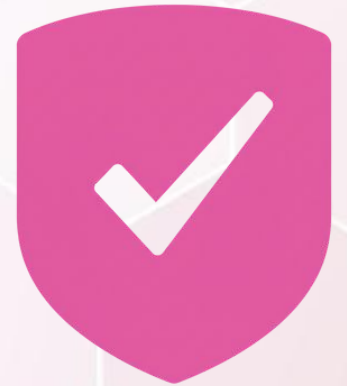Reconciles 200 –300 daily transaction line by line. Ensure zero manual effort and eliminates human errors.

CONSOLIDATED REPORT
Bot generates a consolidated verification and reconciliation summary report in Excel within minutes.

TEAM REVIEW
Team reviews the bot generated report for accuracy, compliance and records validation.

SIGN-OFF
The report is ready for governance sign-off

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FINANCE GOVERNANCE & OPERATIONAL IMPACT

ENHANCED ACCURACY & RELIABILITY

- Ensure consistent and reliable financial reconciliation.
- Accuracy improved to error-free levels through automation.

SAVES STAFF TIME & EFFORT

- Daily manual effort reduced from 3 hours to just 30 minutes per unit.
- Staff capacity has been released to focus on value added finance activities.

QUALITY & SPEED OF FINANCIAL CLOSURE

- Automated reconciliation of 200 -300 transaction per day, per unit.
- Significantly Improves reporting timelines and overall data quality.

GOVERNANCE & COMPLIANCE

- Standardized reconciliation process implemented across 7 units.
- Ready for deployment in additional units.

OPERATIONAL IMPACT & STAFF MORALE

- Repetitive manual tasks eliminated.
- Staff satisfaction and morale greatly improved due to simplified workflows.

TIME SAVER

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IMPACT WITH RPA AUTOMATION

BEFORE AUTOMATION (MANUAL PROCESS):

- Verification and Reconciliation were done for around 200 - 300 line items daily per unit.
- Time Taken: 3 hours per unit per day.
- Accuracy: prone to manual errors.
- Staff effort heavily involved in repetitive tasks.

AFTER AUTOMATION (RPA PROCESS):

- Fully automated verification & reconciliation with zero manual effort.
- Time Taken: Only 30 minutes per unit per day.
- Accuracy : 0 errors

QUANTIFIED SAVINGS

Unit Scope	Time Taken (Manual)	Time Taken (RPA)	Time Saved
Per Unit (Daily)	3 Hours	0.5 hours	2.5 hours
7 Units (Daily)	21 Hours	3.5 hours	17.5 hours
7 Units (Monthly - 30 Days)	630 Hours	105 hours	525 hours

IMPLEMENTATION ROADMAP & EXPECTED OUTCOMES

NEXT PHASE OF IMPLEMENTATION

- The automation project is expanding from 7 units to 5 additional hospital units.
- Implementation will be replicated across all units following the same standardized automated workflow.

OUTCOME OF STANDARDIZE WORKFLOW

- Consistent and uniform reconciliation process across all units.
- Improved efficiency, accuracy, and transparency.
- Reduced manual workload and turnaround time.

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THANK YOU

Dear Sir/Mam,

KMC Card Verification & Reconciliation automation process for **29/10/25** has been completed.

The commission amount on the date is ₹...

HMS vs Hitachi: (Excel Attached)

Portal	Transaction Count in numbers	Value in Rs.
HMS		
Hitachi		
Total Differance		

HMS vs SAP: (Excel Attached)

Portal	Transaction Count in numbers	Value in Rs.
HMS		
SAP		
Total Differance		

SAP Processed vs Unprocessed Transactions: (Excel Attached)

Transaction Type	Transaction Count in numbers	Value in Rs.
SAP Moved Entry		
Pending Manual Entry (Not Moved)		0

HMS vs Hitachi Differance Breakup: (Excel Attached)

Hms vs Hitachi Variance	Rs ...
Hitachi vs Hms Variance	
Differance Breakup	

Thanks & Regards,

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Chennai | Bengaluru | Trichy | Salem | Hosur | | Tirunelveli

kauvery hospital
25 YEARS Trust Quality Care

Dear Sir/Mam,

KMC UPI Verification & Reconciliation automation process for 30/10/25 has been completed.

Blank RRN/Merchant ID: (HMS)

Transaction Type	Transaction Count in numbers	Value in Rs.
Blank		
HDFC		

HMS vs Pinelab: (Excel Attached)

Portal	Transaction Count in numbers	Value in Rs.
HMS		
Pinelabs		
Total Differance		

HMS vs SAP: (Excel Attached)

Portal	Transaction Count in numbers	Value in Rs.
HMS		
SAP		
Total Differance		

SAP Processed vs Unprocessed Transactions: (Excel Attached)

Transaction Type	Transaction Count in numbers	Value in Rs.
SAP Moved Entry		
Pending Manual Entry (Not Moved)		

HMS vs Pinelab Differance Breakup: (Excel Attached)

Hms vs Pinelab Variance	
Pinelab vs Hms Variance	
Differance Breakup	

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