



BTE Consulting Solutions Private Ltd
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BTE Consulting Solutions is founded with the vision of providing quality software solutions in the Healthcare space. The promoters of the company are Doctors and IT professionals with experience of over 20 years in their respective fields.

ATMA HMS is a comprehensive Hospital Management System created by a team of Doctors and Engineers to provide affordable software solutions to Hospitals and Clinics. It enables organizations to optimally manage finance and resources with appropriate controls. ATMA automates much of your hospital operations making hospital management efficient and effective.

ATMA integrates all functions of the enterprise bringing in seamless information flow between various departments within the organization. Multiple check points exist in the system for effective management control. It supports multiple locations and multiple companies. The software's open architecture enables integration with third party software easy.

The solution is based on time tested and proven open source software. This significantly brings down the Total Cost of Ownership making the solution very affordable.

Key benefits organizations derive from implementing ATMA HMS

- 1. Efficient Patient management and a Happy Patient:** The entry of the patient, services requested / provided, accurate billing and patient exit are tracked. Information is in the fingertips of the Front Desk staff to assist the patient. Overall, it provides a very pleasant experience to the Patient
- 2. Effective Distribution of work:** Every Department or Service area uses the application to capture data and view information. This reduces the workload on the Front Desk and Billing Staff



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3. **Seamless integration:** Every module in the application is integrated minimizing the need for paper based communication. Relevant information is available to Department staff
4. **Controlled Access Management (Security):** Every user is provided with a unique user name and password. User has access only to modules and screens for which access has been provided. This brings increased levels of accountability on the employee
5. **Prevention of Revenue Leaks / unauthorized expenses:** Charges are raised before or at the time of providing the service. Every staff providing service has the information to verify the charge and payment details before providing the service to the patient. Any money out can be setup to require approval(s) before pay out.
6. **Ease of use:** User Interface is designed in a manner which requires minimum mouse moves or key strokes thus improving employee productivity.
7. **Customized for your Organization:** ATMA provides a general framework of all activities and workflows in a hospital which can be customized to meet the needs of your hospital
8. **Multi-Location Support:** Single installation of ATMA can support all your hospital locations. This enables the management to monitor the activities in each location. In addition, it also makes it easy to provide technical support
9. **Extensive Reports:** More than 150 reports available across various modules. These include transactional, analytical and exception reports which will help in effective management.

Overview of the Solution

1. **Front Desk and Admission:** This is the first point of contact for the patient. Registrations for all services are done before any service is provided. Appointments are also managed in this module.
2. **Medical Records Management:** All medical records in paper form are maintained in this



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department. Medical Records are issued upon request and returns are tracked. All Medical Certificates are given by this department to the Patient.

3. **Ward & Bed Management:** In-patient care is managed by the Wards. Beds can be changed between wards and rooms. Discharge from room is the starting point for final patient discharge.
4. **Nurse's & Doctor's workstation:** Doctor visits, Lab Orders, Radiology Orders and Physiotherapy orders are made from the Nurse's workstation. Orders flow into the respective departments for fulfilment. EMR information like history, complaints and treatment plan are also captured in this module
5. **Operation Theatre:** Manage OT bookings and surgeries. Capture all information with respect to the surgery which includes surgeons, anaesthetists, anaesthesia used, medicines and implants used and details of the surgery
6. **Integrated Inventory:** All pharmacy stores are integrated which enables in instant movement of stock where needed. Support for Centralized Warehouse or Distributed Warehouse for pharmacy, assets, general stores, spares, linen, lab chemicals or any other store is supported
7. **Purchase:** All purchases go through this module. Purchase requests are raised by Warehouses or departments which are consolidated and purchase order is raised. It supports Quotes and contracts from vendors based on which PO will be created. It also tracks promotions and offers given by the vendor. Emergency Purchases in case are also supported. Purchase for Pharmacy, Assets, General Items, Medical Equipment, Spares and Linen are supported
8. **Pharmacy:** Being a major revenue generation point, Pharmacy is tightly integrated with Billing and Collections. It supports Cash sales and Credit Sales. Support for multiple pharmacies (OP, IP, Ward, OT etc.) available
9. **Diet:** Based on Doctor's advice, Nurse raises a diet request which is processed by the Diet department by choosing the appropriate diet menu. Distribution of meals is recorded for each meal time.



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10. **Radiology:** Radiology orders for X-Ray, CT scan, and Ultrasound etc. are placed from the Front Desk or from the Wards. Scans are done based on the requests which directly get charged to the patient.
11. **Laboratory:** Lab tests are ordered from Front Desk and Wards. Bed side sample collection is done for IP patients based on the order. Samples can be sent to other labs. Progress of tests is tracked and final results can be entered in the system which can be viewed by the Doctor.
12. **Asset Management:** All hospital assets both Medical and non-Medical assets are maintained in this module. It supports Asset Movement, Sales and Disposal as scrap.
13. **Maintenance & Contracts:** This module maintains support details for all fixed assets. It registers maintenance requests from departments; record progress, record details of spares required, and gate pass for taking out of premises etc.
14. **Payroll:** Employee payroll, temporary workers pay and casual labourer's daily wages are managed by this module. It supports attendance management, loans and advances, loss of pay, PF, ESI, Professional Tax and Income Tax deductions and generates respective forms automatically.
15. **Accounting & Finance:** Cash and Bank Balances are maintained in this module. It supports OD Bank Accounts and Multiple Cash Accounts. It keeps track of cheques issued and Cheques received and their clearance status (Bank Reconciliation). All modules post accounting transactions to the Accounts module. These details in turn are sent to the organization's Accounting System (Tally or any other package).
16. **Accounts Receivable (Billing & Collections):** All charges and collection are maintained by this module irrespective of where the charge is raised or collection is made. Patient outstanding is tracked. Daily cash collection by each area is available for checking and verification. Multiple payment modes are supported. Multiple rate cards supported based on patient type. Invoice returns and cancellations can be configured for approvals.
17. **Accounts Payable (Payments):** All vendor payments are made from this module.



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Vendor invoices are automatically posted to this module when goods are delivered. Payment is put on hold if the delivery is not as per the terms of the PO. Approvals are required to make the payment. Petty cash requests and Consultant's payments are also managed by this module. Payments cannot be made in excess of available cash or bank balance.

18. **Linen Management:** Linen stock, receipts, issue and scrap is managed by this module. It has a Main Linen Store managed by the linen department and Department Linen Store managed by the respective department to manage department linen. In addition, the ward further issue linen to the individual beds/rooms. Soiled linens are returned to Main Linen Store which in turn sends it laundry for wash.
19. **Insurance Claims Management:** All insurance patients register with insurance details in this module. Approval is obtained from insurance and the approved amount is updated which is then used in final settlement. Claims submitted are tracked until the final payment is received.
20. **User Administration & Security:** Access to the system to users is provided in this module. New users can be created, passwords can be changed and access to modules and screens can be restricted. Log of user activity can be seen from this module.
21. **Electronic Medical Records:** ATMA HMS has an integrated HMS for specialties like Paediatrics, Orthopaedics, Diabetics and Ophthalmology. More specialties are getting added.