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1. Confidentiality and Disclaimer

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2. EXECUTIVE SUMMARY

A. ABOUT US

ERP COM BANGLADESH, a company here to develop a Corporate ERP level Software solution to enhance our client overall operation process efficiency & accountability.

In view of the overall analysis ERP COM BD has envisioned the following modular Institute Management level solution pack to streamline their operational activities –

- Development of a Cloud based Corporate ERP Solution (CES) to automate all aspects of operations.
- Compact financial accounting, warehouse, administration, human resource, payroll and each section with single synchronized cloud based CES system.
- Training and support for all kinds of requirement of the CES software.

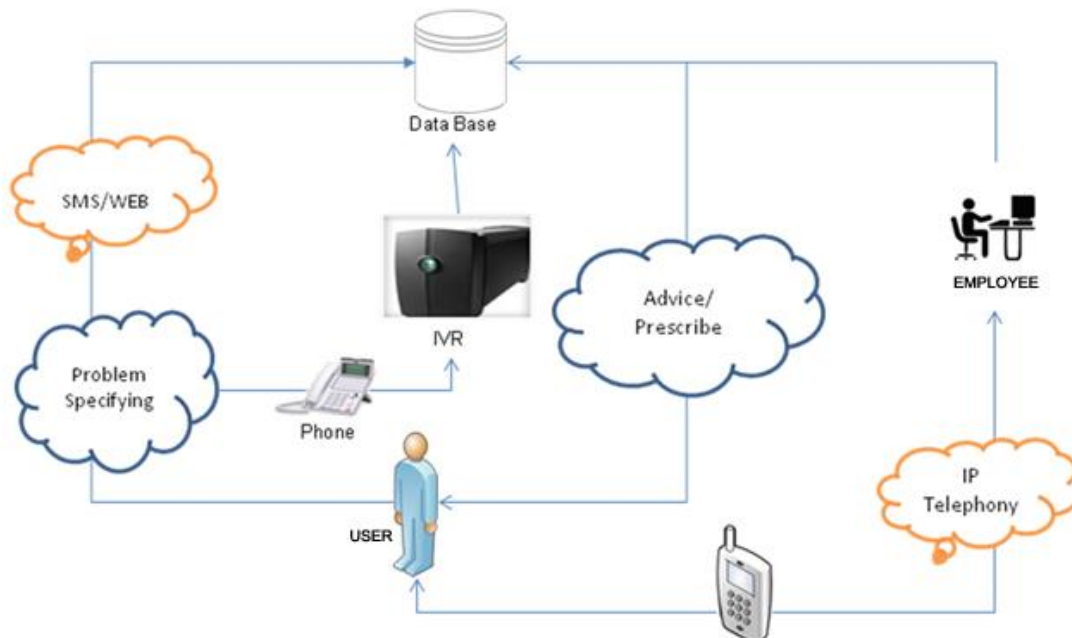


Figure: Automated CES Software

B. WHY ERP COM BD?



Figure: Company LOGO

- **High Caliber Technical Team** - ERP COM BD has high caliber technical team with extensive expertise in multiplatform software/hardware integration.
- **Reliable & Tested Technology** - ERP COM BD focuses on using reliable & tested technology whenever possible which reduces not only cost but also security risks and increases overall system reliability significantly.
- **Long-Term Maintenance Cycle** - ERP COM BD approaches each project with a long-term view that translates into a high degree of care in design, development and maintenance cycle of the entire project
- **Software Life-cycle Experts** - we have the knowledge-how to take a software specification through the entire software life-cycle -- design, implementation, deployment and maintenance.
- **People First Approach** - we believe before all people come first. Our people-centric work-flow continues to earn us great people (customers and employees) loyalty and appreciations. When everyone counts, problems get solved; life enriches with new experiences and forks new beginnings.
- **Satisfied Client Record** - highest level financial and popular companies like; AKIJ Group, Sajeeb Group, BSMMU, TMSS, Ripon Group etc, including a long and satisfied client list.
- **World Class Service Provider** - Live support and service is the key to deploy solution for life-long time. Run-time live cloud based solution is the key strategy to obtain those long listed satisfied clients.

C. OUR MISSION

Our Mission is to achieve the reputation of a quality, high standard & reliable solution & service Provider Company in the ICT industry and to be the most trusted global provider of Enterprise Resource Planning solutions in the discrete manufacturing market.

As a global competitor, we build upon the knowledge of our customers' needs and the skills of our employees to produce innovative products and services. Through technology, our combined efforts will empower the next evolution of manufacturing.

Our mission is to provide the most comprehensive, high performance, cost effective, real time solution in the Enterprise Resource Planning market and to deliver unmatched support services for our customers and partners.

We meet the needs of small, medium, and large manufacturing companies with our innovative technology and our partnerships with best in class software vendors. We pride ourselves on our ability to collect and deliver manufacturing data... anytime, anyplace, and on any device.

Focusing on our customer's success shall provide the financial returns required by our investors and afford our employees a quality of life for themselves and their families.

ERP COM BD provides manufacturers with easy to use, high quality ERP solutions. Our solutions deliver ongoing value to our customers by enabling them to achieve continuous business process improvements.

We offer our customers:

- Responsive customer support
- Customer driven product development
- Affordability on proven databases – Oracle, SQL, MySQL Server
- Low Total Cost of Ownership
- Highly skilled Professional Services Group
- Invaluable networking opportunities

D. **OUR VISION** is to achieve 100% customer satisfaction by delivering quality products and services at an affordable cost. Our forward vision is to strive to become an entity in technology based corporate solutions, capable of demanding unconditional response from the targeted niche.

We also believe that for our scope of improvisation – sky is the limit and we are always ready to take our achievements to the next level. We are growing and would always like to remain on the growing streak.

ERP COM BD has been recognized and respected as professional, innovative & profitable information and demonstrates a clear concern for ethical conduct and good corporate citizenship; with the objective of growing into regional and global industries by practicing latest trends in technology and quality determined approach.

To direct all our organizational efforts in building existing technical strengths and brand recognition to achieve enhanced levels of profitable growth in the core business, and diversify into new areas that compliment and supplement the core business, aiming to achieve excellence and industry leader status in the new areas.

To connect and sharpen the best of strategic and technical skills with a view to address real-life business issues and develops innovative e-business solutions for optimizing organizational growth.

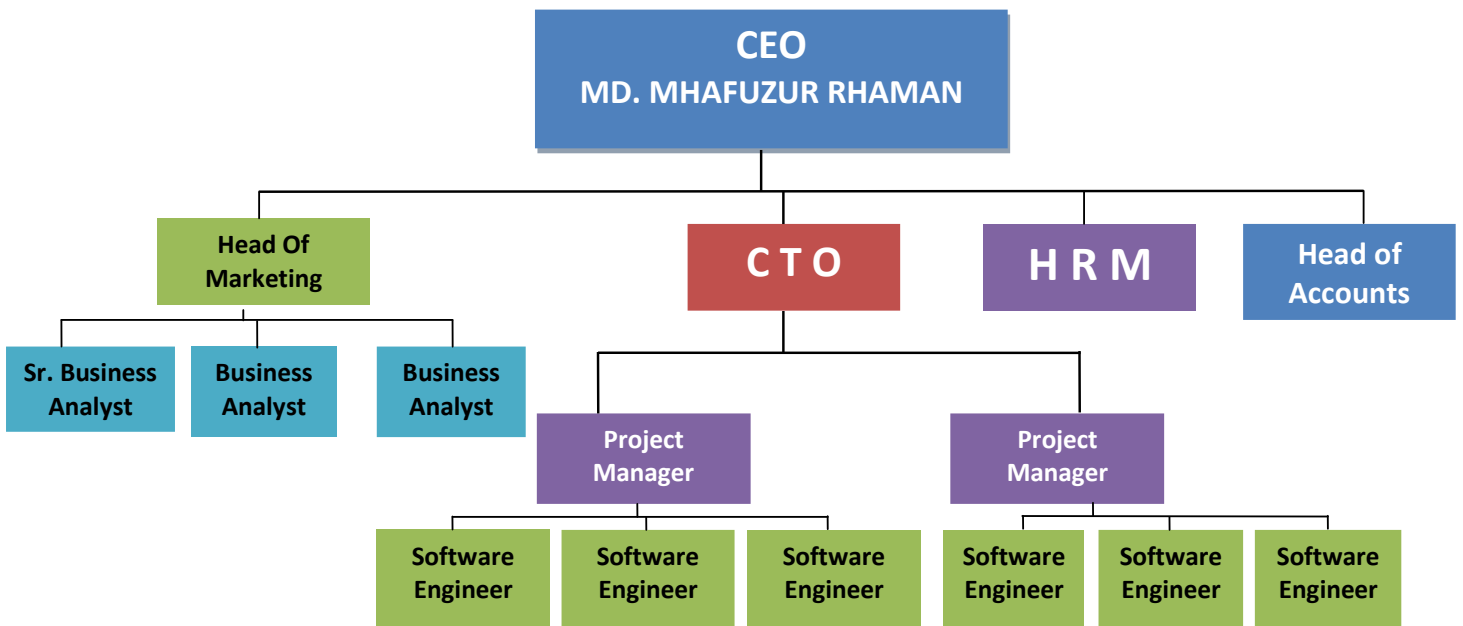
Our keys for development:

- Desire for Excellence
- Trust and confidence build-up
- Innovation
- Transparency
- Teamwork

We believe in

- Motivation
- Collective responsibility and leadership
- Professionalism and ethics
- Adding values to our client needs

E. ERP COM BD'S ORGANOGRAM



ERP COM BANGLADESH ORGANOGRAM

3. OUR SERVICES & SOLUTIONS

A. Our Services

The objective of this project is to deploy more-effective Cloud based solution for the Airways to be up-to-date with the world. Most of all to taste the digital efficiency and accuracy with more effective any easily managed system and high effective software design to manage the valuable human resource. Communication with customer and clients more easily and modestly, by using less time and human resource effort. Most of all make a better and efficient account system to manage all daily transaction and balance sheet which easily accessible by proper authority.

CES software's basic planning has been explained clearly. We have divided the total software in seven major parts those are:

- 1 Financial Accounting
- 2 Stock and Store Inventory
- 3 Procurement/Purchase Management
- 4 Sales Order Management
- 5 Human Resource Management
- 6 Payroll, Salary and Wages
- 7 Access Control/ Attendance Management
- 8 Regional Dealer Management Distribution
- 9 Secondary Sales Target, Communication System
- 10 Product Control and Management
- 11 Production and Consumption
- 12 Material Costing and Overhead costing Calculation
- 13 Quality Control (QC) Management
- 14 Letter of Credit (LC) Management
- 15 Vehicle Management
- 16 MIS Advance Managerial Controls
- 17 Fixed Asset Management
- 18 Multi Company Concern Control
- 19 Sales Depot Account and Stock Control
- 20 Purchase Quotation Management
- 21 Damage and Wastage Control
- 22 Marketing, Branding and Media
- 23 Online Client Correspondent
- 24 Inventory/Sales/Internal Requisition
- 25 Import/Export Management
- 26 Loan Management Systems

Technical Architecture



Figure: CES System

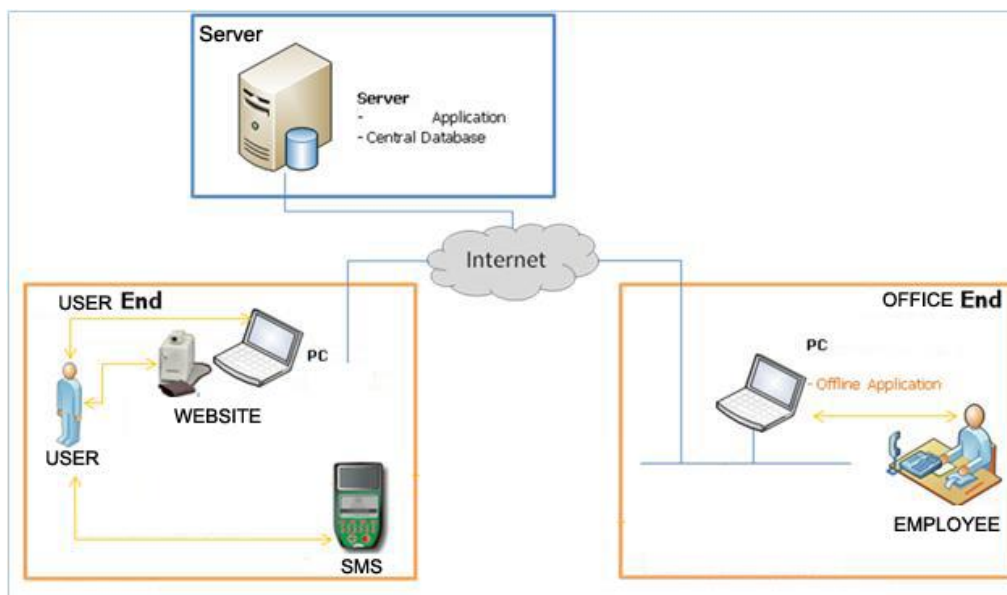


Figure: Technical Architecture

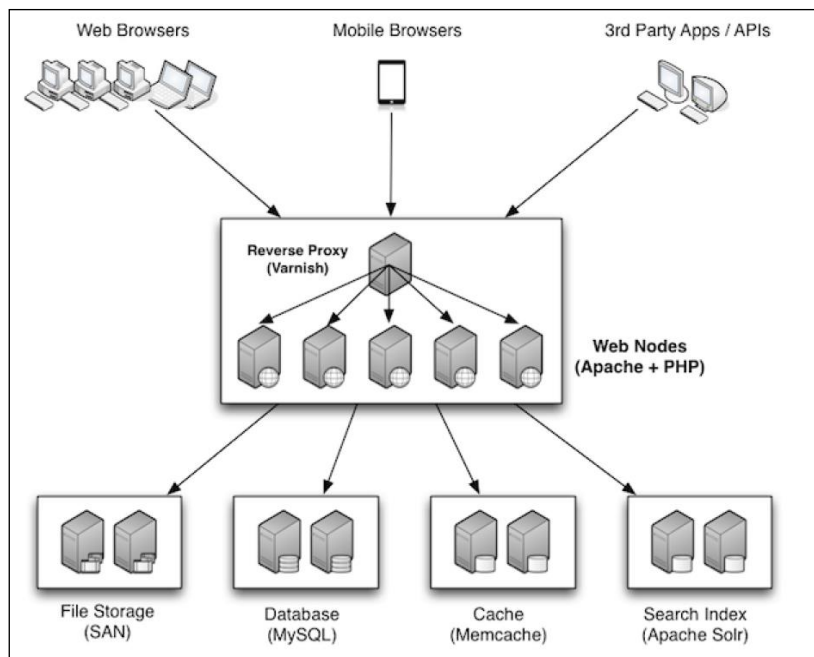
OPERATING ENVIRONMENT

This application only requires Apache Server and MySQL. For the ease of the installation of the application any of the existing free and open source Cloud server packages can be used consisting Apache Cloud server, PHP5 and MySQL5 database like **XAMPP (version +1.6)**.

Operating System	Linux/Unix/Windows
Web Application Server	Apache
Programming Language	PHP, JavaScript, AJAX,HTML5, Web Services
Database	: MySQL , Oracle
Framework	: Yii

B. Solutions We Offer

As a benefit of using free, open source and cross-platform based PHP programming language there is no constraint to use any specific operating system. Thus all versions of Microsoft Windows OS and Linux can be used as the operating System.



DATABASE

MySQL5+ is used as the database server or backend for the application.

C. FOCUSED INDUSTRIES

- Government & Public Sector
- Banking & Financial
- Software & Internet
- Retail & Wholesale
- Telecommunications
- Defense
- Data Center
- Still Aluminum
- Real Estate
- Power & Energy
- Computer & Electronics
- Textile & Clothing
- Automotive
- Travel & Hospitality
- E-Commerce
- Utility
- Garment Industry
- Hotel Management

4. SERVICES WE PROVIDE

We are working with multiple types of systems and successfully providing solutions to our customers.

Our Operations are:

1. Whole Sale / Dealer BASED ERP Solution.

Wholesale / Dealer Based ERP Solution is a comprehensive, prepackaged All-in-One ERP solution designed for the wholesale distribution industry. Leading wholesale distributors are leveraging Wholesale / Dealer Based ERP to proactively respond to supply chain and warehouse management demand, resulting in improved collaboration with customers and suppliers, increased responsiveness, and efficient cost.

2. Manufacturing ERP Solution.

Manufacturing is the process by which raw materials are transformed into finished products. The role of the ERP manufacturing module is to complete the **inventory management** by implementing the operations specific to a streamlined manufacturing process.

3. Garments ERP Solution.

ERP COM BD's Garments ERP is one of the leading Garment ERP solution providers, especially for Garments industries which is integrated with different modules that cover all the aspects of your Garments Business. This solution supports multi-currency and multi-location based operations. It aims at keeping track of all the activities including receiving an order from buyer, costing of order, resource planning, procurement of raw materials, production management, inventory management, import-export process, order reconciliation process etc.

It's also integrated with other modules of Garment ERP of ERP COM BD including finance, accounts, HR, supply-chain etc. With this automated solution you can easily track your business activities and entire operations of your garments manufacturing process.

4. HRM, Payroll and Attendance Software.

ERP CM BD's CLOUD HRM ERP is an integrated solution designed to facilitate HR operations by reducing time intensive administrative task and lowering cost by deploying self-service application.

A comprehensive HRM solution from ERP CM BD's CLOUD HRM ERP. ERP for Human Resource Management help you in Automate the Payroll / Salary management, statutory reporting, attendance management for salary calculation, Full and final settlement. The personnel management comprises of HR master-data, personnel, recruitment and salary administration. Time management includes shift planning, time recording, absence & leave management. This section comprises of training and event management, additional training determination and training assessment

5. Financial Accounting Software.

The objective of a good *financial accounting system* is to provide companywide control and integration of financial information that is essential to strategic decision making. The Financial accounting module of an ERP System, gives you the ability to centrally track financial accounting data within an international frame work of multiple companies, languages, currencies and charts of accounts.

6. Inventory Management Software.

ERP inventory management, short for enterprise resource planning inventory management, refers to an integrated approach to business planning and operations. With an ERP inventory management system, businesses can manage all their finances, logistics, operations, and inventory in one place.

ERP inventory management systems are designed to empower businesses to manage not just inventory, but all business operations from a single location. Some of the standard features of an ERP inventory management system include: Stock tracking and management, Sales and purchase order management, Multi-channel order fulfillment, Warehouse management and stock transfers, B2B eCommerce functionality, Payment gateway functionality, Integrations with eCommerce, accounting, shipping and other operational tools, Intelligence reports and analytics and that's just scratching the surface! No two ERP systems are exactly the same, but their shared purpose is to centralize and streamline all facets of a business' operations.

5. OUR INVOLVEMENT

■ ICT CONSULTANCY

We consult for high-end technology implementation at clients' site or implementation of new technology according to the clients' requirement or upgrading, enhancing the existing facilities in the clients end with the new technology integrated with the existing one. **ERP COM BD** offers a full range of consulting services to help analyze your business requirements for effective implementation of solutions. Our consulting services cover:

- Strategy planning
- Assessment
- Procurement
- Re-engineering solutions
- Planning, audits, best practices etc.

■ SOFTWARE DEVELOPMENT

Beside the hardware and network solutions; with design and development expertise in diverse platforms, best-of-breed tools and techniques, combined with industry best practices, **ERP COM BD** offers scalable end-to-end application development and management solutions from requirement analysis for deployment and rollout. We are developing software, related to garments- production management, commercial jobs, buying, accounting software for trading, manufacturing house and conglomerates. We hope to come to you with desired software at a reasonable cost. **ERP COM BD's** services span the following application lifecycle stages:

- **APPLICATION DEVELOPMENT** – Providing end-to-end development from requirement analysis for deployment and rollout.
- **APPLICATION MAINTENANCE** – Changing or enhancing software to meet changing or increasing business demands in the post-rollout phase of an application
- **APPLICATION SUPPORT** – Providing first, second, third line support and on-call support. On-call support further includes Gold (24x7), Silver and Bronze support.
- **APPLICATION INTEGRATION/MIGRATION/TRANSFORMATION** – Replacing, migrating and integrating legacy or bespoke systems with COTS products.

- **APPLICATION MANAGEMENT** – The application management layer cuts across all software engineering activities listed above. APSIS takes complete ownership of the outsourced suite of applications as per the agreed scope and manages the support. This typically involves transition management, project management, proactive risk and scope change management, quality management, SLA management etc.

■ **NETWORK & INFRASTRUCTURE SERVICES**

Growth in the Solution Integration (SI) services market is fueled by the need for seamless business processes across an organization's complete value chain of customers, partners, suppliers, and employees. **ERP COM BD's** services enable clients to identify, develop, and implement the best-fit solutions which are equipped to meet their changing business requirements.

APSYS's Solution Integration services offer to:

- Leverage IT investments
- Minimize risks
- Maximize compatibility
- Maximize interoperability

ERP COM BD provides total project management, right from architectural design, integration, system and interface development to migration backed by world-class methodologies, well-defined solution frameworks and extensive integration experience with tier-1 service providers.

■ **MANAGED SERVICES**

ERP COM BD has the expertise and experience to manage an enabling infrastructure and applications and run outsourced operations for large telecom operators smoothly. **ERP COM BD's** Managed Services offerings cover the entire array of IT outsourcing services including networks, IT infrastructure, applications and business processes. This provides our customers the best of both worlds - control and flexibility over their information systems without either the pain or cost of running them.

6. STRENGTH

Main Strength of **ERP COM BD** lies in the blend of professionals, specialized and highly focused operation. Increasing customer's awareness is the strength where it excels over its competitors. Our strength lies in our ability to blend current management practice and IT expertise into cost-effective Computer Aided Management Solutions, Products and Services. **ERP COM BD** understands the need for skill transfer to client personnel. Our offers cover the following major areas:

- System analysis
- Business process reengineering
- Process development localization
- Customized and target oriented Workflow design
- Specialization in Client / Server and Internet / Intranet application and technologies
- Automation of Financial Institutions, Telco-Operators, Electronic Medias & Business Institutions with the latest development.
- Customized software development as ancillary product for deployed international software
- International software deployment - product development localization
- Network Monitoring/ Network Management Support
- Network, Security & Threat Management Solution
- Enterprise Server & Storage Solution
- Hardware at competitive price
- Desktop maintenance and support
- Server maintenance and support
- Production operations
- Disaster Recovery and Storage Management Solution
- Power Solution.
- Enterprise-grade LAN Cabling.
- Infrastructure Management Solution.
- Data Centre Operations and Service Delivery.
- Systems Integration.
- Project Management.
- Change/request implementation
- Project support
- Standby support
- Web based support & solution development
- E-business solutions
- Data conversion & data entry
- Overall automation consultancy
- Any Type of VDO editing Solutions

7. CAPABILITIES

The development team of APSIS is equipped with proper human resources specialized in different system development tasks. The key areas are;

■ SYSTEM ANALYSIS & DESIGN

System analysis and design team combines both functional and technical analysts. We believe to develop a proper system of which functional analysis is equally important as technical analysis. Our system analysis and design team specializes in the software like Microsoft Visio, Rational Rose and Microsoft Visual Modeler.

■ SOURCE CODE REPOSITORY AND ADMINISTRATION

For source code version control and multiple programmer interaction management we use Visual Source Safe as our source code control software.

■ DATABASE MANAGEMENT

We have database expertise ranging from ISAM or flat database systems like Microsoft Access, Visual FoxPro to robust commercial database engines like Oracle and Microsoft SQL. For web-database connectivity and cross-platform data management we also have specialized experience and expertise in My SQL database server.

■ WEB DEVELOPMENT AND DESIGN

Our web developers and designers are skilled in development with Microsoft Front Page, Macromedia Fireworks and Dream Weaver for web site design.

■ PROGRAMMING

Our young and talented programmers have a wide range of experience in developing systems. Our programming skill involves:

- **PROGRAMMING LANGUAGES:**
VB, Visual C++, Java, VB for Application (VBA) and Microsoft .Net Platform.
- **WEB PROGRAMMING LANGUAGES:**
PHP, Perl/CGI, Active Server Pages (ASP)
- **SCRIPTING LANGUAGES:**
Java Script, VB Scripts
- **MULTIMEDIA DEVELOPMENT:**
Flash and Flash Script.
- **WEB SERVERS:**
Microsoft IIS and Apache
- **OPERATING SYSTEMS:**
Microsoft Platform and Linux/Unix

8. PRODUCT WE OFFER

■ ENTERPRISE RESOURCE PLANNING

- Enterprise Resource Planning (ERP)
- Order Management System
- SMS Banking Solution
- Bulk & Corporate Messaging Platform
- Mobility Solution

■ CLOUD BOOK

- Financial Solution Suit. End-to-End OSS Solution
- Bond & Deposit Management Solution
- Portfolio Management Solution
- Treasury Management Solution
- Debt Factoring Management Solution

■ CLOUD HRM

- A comprehensive HRM solution
- Content Management Solution (CMS)
- Automate the Payroll / Salary management
- The personnel management comprises of HR master-data
- Recruitment and salary administration

LIST OF SOME MAJOR CLIENT

ERP COM BD has several clients using its array of products. Our team members have the distinguished experience and association with different national and international organizations in different sectors. A partial list of these clients includes:



11. Our Achievements

We started our journey as ERP Solution Provider in 2009. Till Now we are providing our services proudly towards our clients.

Our Client List

- Sajeeb Group
- Akij Group
- Nam Jute Mills
- Ripon Group
- Total Trims
- Netrokona Accessories
- Spil Group
- Regent Airways
- Uttara University
- TMSS
- Omega Group
- Aairas Garments
- Engineering Resources
- Hashem Food Products Ltd.
- Ashiyan Group
- Deshbondhu Group
- New Madina group
- Karnafully Gas Distribution Limited
- Meghna Petroleum Limited
- Shourove Group
- Sunrise Group
- E-Solution Bangladesh limited
- Moti Group
- KK Automobiles
- Vista Properties Ltd.
- Vista Bay Resort Ltd.
- Auto-station Limited
- Shore Survey Station Limited
- Portland Group
- Takwa Trading Corporation
- Bengle Overseas Company Limited, Japan.
- Techno Overseas Company Limited, Japan.
- Techno Group of Companies.
- Autolink Asian Women University
- Chittagong Stock Exchange Limited
- Secure Properties Ltd.
- Vegas Furniture Ltd.
- Three Star Properties Ltd.
- Ashyan Hospital, Barua, Dhaka.
- Center for Woman & Child Health Hospital, Ashulia, Dhaka.
- Center for Woman & Child Health, Gulshan 2, Dhaka
- Green Hospital & Diagnostic Center, Gagipur, Dhaka.
- Ekota Hospital, Jessore
- Dhaka Diagnostic Center, Mohammedpur, Dhaka.
- Aftab Diagnostic Center, Faridpur.
- Prince Hospital & Diagnostic Center, Savar, Dhaka.
- Seba Diagnostic Center, Kustia.
- Seven Seas International
- Meridian Shipping Group
- TM Autos Limited