



RAMP SBD

COMPANY PROFILE

Intelligent Enterprise Solutions.

Custom ERP, cloud SaaS, IoT & AI from Rajshahi, Bangladesh. We have been designing, building and running business software since 2012.

ERP & Accounting

Cloud SaaS

Remote Access

IoT & Embedded

AI Solutions

2026
EDITION

www.rampsbd.com
info@rampsbd.com
Rajshahi-6100, Bangladesh

A WORD FROM RAMPSBD

Software that fits the way your business actually works.

RampsBD is a technology and software engineering firm based in Rajshahi, Bangladesh. It started with ERP, accounting systems and business automation. Today it also builds cloud SaaS products, remote-access platforms, IoT hardware and AI-driven tools.

We design, code, deploy and operate our products end to end, from the database and the server it runs on to the Windows, web and Android apps people use every day. Every system is built to fit each client's own workflow instead of forcing the client to change how they work.

Contents

01	About RampsBD & official information	03
02	What We Do	05
03	How We Work, Support & Technology	06
04	Industries We Serve	08
05	Featured Projects	09
06	Product Portfolio	26
07	Clients	34
08	Leadership & Working Together	36
09	Contact	38

1,200+

PROJECTS DELIVERED

500+

HAPPY CLIENTS

15+

YEARS EXPERIENCE

65+

PRODUCTS BUILT

Company at a glance

REGISTERED NAME	RampsBD
TRADE LICENCE	06/B-516
HEAD OFFICE	Holding No. 496 (Jakibag), Seroil, P.O. Ghoramara, Rajshahi-6100, Bangladesh
BUSINESS HOURS	Saturday – Thursday, 9:00 AM – 6:00 PM (GMT+6)
DIVISIONS	Enterprise Software & Automation · Research & Development

REGISTERED PARTICULARS

Company information

RampsBD is a registered software and technology business in Rajshahi, Bangladesh, trading under the name RampsBD and serving organisations across the country.

REGISTERED NAME **RampsBD**

TRADING AS **RampsBD**

BUSINESS TYPE **Software development, IT services & R&D**

TRADE LICENCE NO. **06/B-516**

D-U-N-S® NUMBER **73-232-8419** (Dun & Bradstreet)

OPERATING SINCE **2012**

REGISTERED ADDRESS **Holding No. 496 (Jakibag), Seroil, P.O. Ghoramara, Boalia, Rajshahi-6100, Bangladesh**

TECHNICAL ADVISOR **Md. Samsur Rahman Mahi, B.Sc. Engg. (EEE), MBA**

BUSINESS HOURS **Saturday – Thursday, 9:00 AM – 6:00 PM (GMT+6) · Friday closed**

WEBSITE **www.rampsbd.com**

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+880 1307-775566

Email

info@rampsbd.com
support@rampsbd.com
billing@rampsbd.com

Online payments

Card and mobile-banking payments through SSLCOMMERZ, a payment service provider approved by Bangladesh Bank.

Software publisher accounts

Microsoft Store: RDesk, Winly Start

Google Play: NotifyBD

Meta App Review approved: FB Page Manager

GitHub: Mahi-BD

WHO WE ARE

Bridging enterprise software with real-world hardware & AI.

RampsBD builds enterprise-grade software and also runs research and development in IoT, embedded systems and AI. A small team of engineers ships production systems across many industries, giving businesses efficient digital infrastructure built to their own needs.

“Building the future of business intelligence by fusing centralised enterprise software with real-time hardware data and Artificial Intelligence.”



Our Vision

To build the future of business intelligence by combining centralised enterprise software with real-time hardware data and Artificial Intelligence, so technology fits naturally into everyday business operations.



Our Mission

To provide adaptable, high-performance ERP solutions and keep exploring IoT, embedded systems and AI-driven products that solve complex real-world problems for businesses of every size.

The RampsBD advantage

Hyper-customisation

No rigid off-the-shelf packages. We build each system around your workflow, your documents and your reporting needs.

Hardware + software synergy

We design the IoT sensors and embedded devices and also write the software they feed, which gives you one team and one complete solution.

Proven at scale

More than a decade of production deployments on our own servers and our clients' servers has given us a well-tested build, deploy and support process.

Future-ready technology

Ongoing investment in AI, IoT and cloud means our clients run modern stacks that grow with their business.

TWO DIVISIONS, ONE TEAM

What we specialise in

DIVISION 01

Enterprise Software & Automation

Our foundation: customised, scalable and secure software that digitises operations for SMEs, corporates and multi-branch networks, built on .NET 8 and Microsoft SQL Server.

DIVISION 02

Research & Development

Our frontier: the bridge between physical and digital, built from IoT devices, embedded systems, sensor telemetry and AI-based products.



ERP Solutions

Integrated HR, payroll, sales, purchase, inventory and analytics, tailored to your workflow.

Manufacturing

Retail chains

Hotels



Accounting & Finance

Accurate double-entry accounting with full financial reporting that connects to your operations.

Ledgers

VAT & reports

Bilingual



Custom Software Development

Web, desktop and mobile applications on modern enterprise stacks, built for high availability.

.NET 8

Windows

Android



Inventory & POS

Multi-location retail with touch POS, barcode and receipt printing, and real-time stock.

Barcode / QR

Multi-branch



IoT & Embedded Systems

ESP- and AVR-based devices, custom circuitry and sensor telemetry for monitoring and automation.

Sensors

Biometrics

PCB design



AI Solutions

Predictive analytics, automated decisions, AI assistants and intelligent workflows.

LLM integration

Voice-to-text



Messaging Platforms

Bulk SMS, notifications, WhatsApp and Facebook page automation for businesses.

SMS gateways

Meta API



Web, Hosting & Cloud

Corporate websites, e-commerce, hosting and managed servers with backup and security hardening.

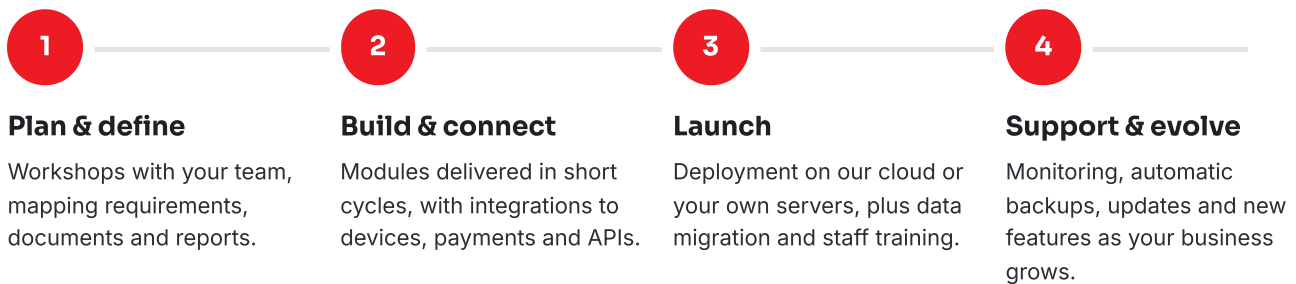
Linux & IIS

Cloudflare

FROM IDEA TO WORKING PLATFORM

A clear path, owned end to end.

One team handles your project from the first requirement meeting to years of support. Nothing is handed between agencies, and one team is responsible for the result.



Technology stack

Back end	ASP.NET Core 8 (MVC, Razor Pages, Web API), SignalR, WebSocket, Node.js, Rust
Databases	Microsoft SQL Server 2005–2022, SQLite, MySQL
Desktop	WinForms, WPF, WebView2, Electron, MSIX / Microsoft Store
Mobile	Android (Kotlin), Google Play publishing
Infrastructure	Linux & Windows Server, IIS, nginx, Docker, Proxmox, Cloudflare, MikroTik
Payments	SSLCOMMERZ, DBBL, Nagad, Stripe, Paddle
Integrations	Meta Graph API, WhatsApp, SMS gateways, ZKTeco & Suprema biometrics
Hardware	AVR, ESP, 8086, PCB design (Proteus, Eagle)

Quality & security

Security built in

Encryption at rest (AES-GCM, ECIES), PBKDF2 password hashing, hardened TLS, rate limiting and role-based access control.

Data never lost

Scheduled SQL Server backups to off-site storage with our own MS Auto Backup platform.

Version controlled

All source code is kept in our own Subversion service (SvnBd) with full history.

Bilingual by design

Bangla and English user interfaces for staff and customers.

AFTER GO-LIVE

We don't just deliver software. We keep it running.

Most RampsBD systems run for years. The same engineers who built your system host it, monitor it, back it up and keep improving it, so you always know who to call.



Hosting & deployment

Choose our managed cloud servers (Linux, Windows/IIS, Cloudflare-protected) or an on-premise installation on your own servers. We handle SSL, domains and updates.



Automatic backups

Scheduled full and differential SQL Server backups with retention rules, copied off-site to FTP or Google Drive by our MS Auto Backup platform.



Remote support

Fast help through our own RDesk remote-support platform. With your consent we see the problem on your PC and fix it, often in minutes.



Security hardening

TLS hardening, firewall allow-lists, brute-force protection, encrypted secrets and regular security reviews of the servers we manage.



Training & handover

On-site and online training for operators and managers, plus Bangla and English user guides and role-based access set up with you.



Continuous improvement

New reports, modules and integrations as your business changes, all delivered by the same team that knows your system.

Engagement models

A

Project delivery

A fixed scope and timeline for a new system, with source code and documentation handed over.

B

Subscription (SaaS)

A monthly or yearly plan on our cloud, with hosting, updates and support included.

C

Annual maintenance

An AMC for existing systems covering fixes, backups, server care and small changes.

SECTORS WE SERVE

Trusted across ten-plus industries.

From government offices and chambers of commerce to hospitals, hotels, cinemas and retail chains, RampsBD systems run day-to-day operations for organisations of every size, mostly in North Bengal.

08

Education

School and college management: admission, fees, exams, results and online bill payment via DBBL and Nagad.

08

Manufacturing

Production stages, raw materials, finished goods and costing, plus IoT monitoring on the shop floor.

08

Retail & Commerce

Multi-location POS, inventory and sales analytics, e-commerce with PC builder, and hardware-shop management.

08

Healthcare

Hospital management, patient records, appointments and diagnostics billing.

08

Hospitality

Hotel ERP, HRM with duty rules and room reservation websites.

08

Entertainment

Cinema ticketing and sales management for multiplexes.

08

Government & Associations

Tax-appeal office portals, chamber of commerce sites, membership and alumni systems.

08

Finance & Payments

Accounting, billing, invoicing and payment gateway integration with full audit trails.

08

Logistics & Distribution

Courier management, distributor DO tokens, order processing and weighbridge integration.

08

ISP & Telecom

ISP operations, MikroTik monitoring, SMS platforms and remote device management.

08

IT & Hosting

Remote desktop, SSH consoles, source control, backups and hosting billing for IT teams.

08

Travel & Events

Tour and event websites with editable content and booking enquiries.

05

SECTION

Featured Projects

A closer look at some of the systems RampsBD has designed, built and supports, for government bodies, the armed forces, hospitals, industry and commerce.

01	BinBook Axiom	Hardware & retail business management
02	Cold Storage Management	Potato cold storage booking, loans & delivery
03	BMDA ERP	Barind Multipurpose Development Authority
04	BPIMS & Army systems	Bangladesh Army
05	Group ERP	Jamuna Industrial Agro Group
06	Hospital Management System	Hi-Tech Specialized Hospital PLC
07	Feeling Station ERP	Filling-station automation
08	Mailler Mail Server	Business email for organisations
09	Biometric Attendance	ZKTeco & Suprema to cloud
10	Government Portals	NBR, RCCI, land & district offices
11	Hospitality & Cinema	GRV Cineplex, Royal Raj Hotel
12	Pixels Core Suite	IT retail e-commerce & ERP
13	IoT & R&D	Embedded, biometrics, fuel, scales

CASE STUDY · RETAIL & TRADING

BinBook Axiom

A complete business management platform for hardware, building-materials and trading shops. It covers inventory, purchasing, POS sales, customer credit and full double-entry accounting in one system.



PRODUCT LINE

BinBook business suite

SECTOR

Hardware, building materials, trading

PLATFORM

Web (ASP.NET Core 8, SQL Server)

LIVE

axiom.binbook.solutions

7

BUSINESS AREAS

34

FUNCTIONAL SCREENS

3,400+

PRODUCTS IN ONE
TENANT

540+

CUSTOMERS IN ONE
TENANT

The challenge

Hardware and building-materials businesses sell thousands of items in many units such as pieces, feet, kilograms and bags. They give credit to contractors and regular customers and buy from many suppliers. Spreadsheets and paper ledgers quickly drift away from the real stock and real dues.

Our solution

Axiom puts every transaction (purchase, sale, return, collection, expense) through one engine that updates stock and the accounts ledger at the same time. Barcode and QR labels speed up the counter, and every customer and supplier balance comes straight from the ledger, so it always matches.

Highlights

- ✓ Fast POS with barcode / QR scanning and printed invoices
- ✓ Multi-unit products and multi-warehouse stock with transfers
- ✓ Purchase orders, goods received notes (GRN) and supplier payments
- ✓ Customer groups, credit limits, collections and ageing
- ✓ Built-in double-entry accounting with VAT and tax rates
- ✓ Day Book, financial, inventory and purchase reports
- ✓ Role-based users and multi-company (tenant) hosting
- ✓ Open REST API used by RampsBD's Basic ERP and other apps

BINBOOK AXIOM

Module map

01 Inventory

- Product catalogue & categories
- Barcode / QR label printing
- Units & unit conversion
- Warehouses & stock levels
- Stock transfer between locations

02 Purchase

- Purchase orders
- Goods received notes (GRN)
- Purchase returns
- Supplier master & balances
- Supplier payments

03 Sales & POS

- Point-of-sale counter
- Sales invoices & orders
- Customers & customer groups
- Collections & due tracking
- Sales returns

04 Accounting

- Chart of accounts
- Journal vouchers
- Expenses
- Payments & receipts
- Bank & cash books

05 Tax

- VAT / tax rates
- Tax applied on invoices
- Tax in financial reports

06 Reports

- Management dashboard
- Day Book
- Customer & supplier ageing
- Financial statements
- Inventory & purchase reports

07 Administration

- Users & roles
- Permissions per screen
- Company settings
- Multi-tenant hosting

+ BinBook family

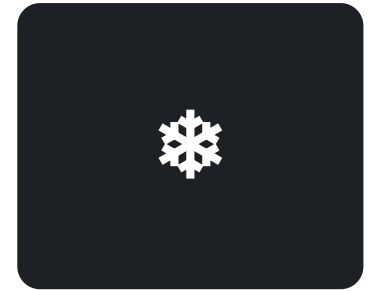
- BinBook Lite (Windows desktop)
- BinBook HMS (hospital edition)
- BinBook e-commerce edition
- Basic ERP via the Axiom API

One sale updates the stock, the customer's balance and the accounts at the same moment, with no double entry.

CASE STUDY · AGRO & COLD CHAIN

Cold Storage Management System (CoSAS)

Complete automation for potato cold storages in North Bengal: farmer bookings, sack inventory, loans against stored potatoes, DO-token deliveries and accounts, with a fully Bangla interface.



SECTOR	CLIENTS	PLATFORM	LANGUAGE
Agriculture, cold storage	Cold storages incl. Rahman Cold Storage Ltd	Web (.NET 8) + Windows desktop	Bangla (বাংলা) user interface

The challenge

During the season a cold storage receives thousands of potato sacks from hundreds of farmers and agents. Each lot needs an SR receipt, a rent rate and often a loan against the stored potatoes. Later, partial deliveries are released by DO token. Tracking all this on paper leads to disputes, lost money and long queues.

Our solution

Every lot gets an SR-ID from booking to final delivery. Loans, interest, rent and deliveries are linked to that lot, so the balance of each farmer is always exact, and printed DO slips in Bangla speed up the delivery gate.

Modules

01 Booking (বুকিং)

- Farmer / agent booking & SR-ID lots
- Sack (bosta) inventory by chamber

02 Loan (ঋণ)

- Loans against stored potatoes
- Automatic interest calculation

03 Delivery & DO token

- DO-token orders, partial deliveries
- Bangla DO printouts, token-master role

04 Accounts & reports

- Sector-wise income & expense, cash in hand
- Daily, monthly & yearly reports

SR

LOT-LEVEL TRACKING

DO

TOKEN DELIVERIES

3

PRIVILEGE LEVELS

বাংলা

FULL BANGLA UI

CASE STUDY · GOVERNMENT

BMDA ERP

An enterprise resource planning system for the **Barind Multipurpose Development Authority (BMDA)**, the government authority for irrigation and agricultural development across the Barind region. It brings offices, people and finances into one bilingual platform.



CLIENT

Barind Multipurpose
Development Authority

SECTOR

Government / agriculture

PLATFORM

Web (ASP.NET Core 8, SQL
Server)

LIVE

bmda.online

750+

EMPLOYEE RECORDS

5

CORE MODULES

2

LANGUAGES (বাংলা / EN)

Jul-Jun

GOVT. FINANCIAL YEAR

The challenge

BMDA works through a deep hierarchy of zonal, circle, divisional and upazila offices. Personnel records, postings and budgets were spread across separate offices and files, which made it hard to see one consistent picture and to report to the ministry.

Our solution

One central system models the whole office hierarchy. Each user sees exactly the offices they are responsible for, staff data is kept in standard Personal Data Sheets, and vouchers roll up into government-format financial statements.

Highlights

- ✓ Office hierarchy with hierarchy-based data access
- ✓ Personal Data Sheet (PDS) for every employee
- ✓ Pay scales, posting and position assignment
- ✓ Training, education, experience and disciplinary records
- ✓ Contributory Provident Fund (CPF)
- ✓ Voucher-based accounting and budget control
- ✓ Budget vs actual, trial balance and cash-flow reports
- ✓ Bangla / English labels managed from the admin panel

BMDA ERP

Module map

01 Office Setup

- Offices & office types
- Office hierarchy tree
- Departments
- Positions & sanctioned posts
- Position assignments

02 PDS Management

- Personal Data Sheets
- Pay scales
- Training & education
- Work experience
- Disciplinary actions
- CPF & change requests

03 Accounting

- Chart of accounts
- Receipt & debit vouchers
- Budget allocation
- Fiscal year control

04 Reports

- Trial balance
- General ledger
- Income statement
- Cash-flow statement
- Budget vs actual

05 Administration

- Users & roles
- Dynamic menu & permissions
- Language labels (বাংলা / EN)
- Prepaid meter records

06 Security & audit

- Action logs
- Error logs
- Database backup
- Hierarchy-based access

Why it matters

Head office can see staff strength, vacancies and budget use across every office in real time, while each field office keeps working on its own data. One source of truth replaces dozens of separate registers.

CASE STUDY · DEFENCE

Bangladesh Army: BPIMS

RampsBD has delivered several information systems for units of the Bangladesh Army. They handle sensitive personnel and resource data with strict access control, run on-premise inside the client's own network, and are built to Army reporting formats.



CLIENT

Bangladesh Army

SECTOR

Defence

DEPLOYMENT

On-premise / private network

ACCESS

Role & privilege based

Systems delivered

BPIMS

BPIMS

A personnel information management system for the Bangladesh Army: centralised service records with secure, role-based access and the reports commanders need.

BIRC

Soldier Information System

A client-server system for the Bangladesh Infantry Regiment Centre that manages soldiers' posting, promotion and mission records, with **42 standard reports**.

BFAMS

Building & Flat Allocation

A cantonment system for managing buildings and flats, applications and allocation to entitled personnel, with full history.

NCO ACADEMY

NCO Academy, Bogura

Orders, client and bank ledgers with bank interest, barcode support, discounts and three privilege levels.

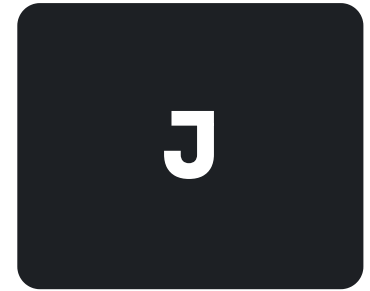
How we work with defence clients

- ✓ Installation inside the unit's own network, with no public internet needed
- ✓ Reports in the formats the unit already uses

- ✓ Strict privilege levels and an audit trail on every change
- ✓ On-site training and long-term support

CASE STUDY · AGRO-INDUSTRY

Jamuna Industrial Agro Group: Group ERP



An integrated ERP for a multi-unit agro-industrial group. It connects procurement, production, inventory, sales and accounts across the group's companies, so management sees one consolidated picture.

CLIENT

Jamuna Industrial Agro Group

SECTOR

Agro-processing & manufacturing

SCOPE

Multi-company group ERP

PLATFORM

.NET & SQL Server

The challenge

An agro-industrial group buys raw materials seasonally, processes them in several units and sells through distributors. When every company keeps its own books, management only sees the group's real stock, cost and profit at month end.

Our solution

One ERP, with each company and unit as a separate ledger and consolidated group reports on top. Purchases, production and sales post straight to inventory and accounts, so the numbers are current every day.

Modules

01 Procurement & inventory

- Raw-material purchase & GRN
- Multi-store stock & transfers

02 Production

- Batches, consumption & output
- Production costing

03 Sales & distribution

- Orders, delivery & dealer dues
- Collections

04 Accounts, HR & payroll

- Company-wise & consolidated accounts
- Staff, attendance & payroll

One group, many companies, one set of numbers that management can trust.

CASE STUDY · HEALTHCARE

Hi-Tech Specialized Hospital: HMS

A full hospital management system for **Hi-Tech Specialized Hospital PLC, Rajshahi**. It covers the whole patient journey, from appointment and OPD to admission, pathology, pharmacy and billing, plus the hospital's public website.



CLIENT	PRODUCT	PLATFORM	LIVE
Hi-Tech Specialized Hospital PLC	BinBook HMS	Web (ASP.NET Core 8, SQL Server)	hms.binbook.solutions

20	9	2	1
INTEGRATED MODULES	USER ROLES	LANGUAGES (বাংলা / EN)	CENTRAL BILLING

The challenge

A specialised hospital runs many departments at once: OPD, wards, labs, imaging, pharmacy and accounts. When each keeps its own records, patients repeat their details, bills miss charges and management cannot see the day's income.

Our solution

One patient ID follows each patient through every department. All charges flow into a central bill, lab reports print with the hospital's own header, and income, expense and accounts update automatically.

Highlights

- ✓ Patient registration and appointments
- ✓ OPD, IPD and bed management
- ✓ Pathology and radiology with printed reports
- ✓ Pharmacy and blood bank
- ✓ Central billing, income and expense
- ✓ Double-entry accounting and financial reports
- ✓ Zoom video consultation
- ✓ Hospital website: departments, doctors, news, feedback

BINBOOK HMS

20 modules, one hospital

01 Dashboard	02 Patient management	03 Appointments	04 OPD
05 IPD & bed management	06 Pharmacy	07 Pathology	08 Radiology
09 Blood bank	10 Central billing	11 Income & expense	12 Double-entry accounting
13 Financial reports	14 Inventory & store	15 Human resources	16 Front office
17 Ambulance	18 Custom reports	19 Menu & access control	20 Settings

For doctors

Appointment lists, patient history, prescriptions, lab results and video consultation.

For management

Daily income, department performance, bed occupancy and financial statements.

For patients

One registration, clear itemised bills and lab reports printed with the hospital header.

Earlier healthcare work

Rajshahi Medical College Diabetic Hospital: patient tests, dues, VAT and doctor reports

Hi-Tech Specialized Hospital website (Mangrove CMS)

CASE STUDY · FUEL RETAIL & IOT

Feeling Station ERP

A live control panel and ERP for a fuel filling station. It reads data from the station's Gilbarco forecourt controller and turns every pump transaction into sales, shift, tank and reconciliation reports, in Bangla or English.



CLIENT

SK Saad Filling Station,
Faridpur

SECTOR

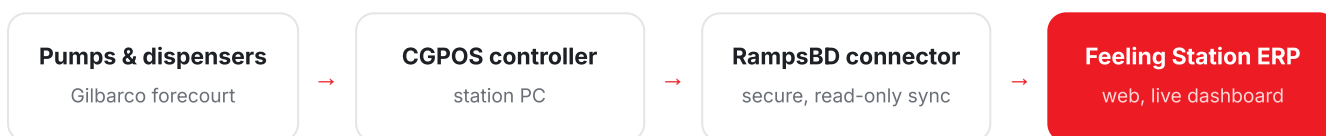
Fuel retail

PLATFORM

.NET 8, SignalR, connector
app

LIVE

ferp.void.bd



Why it matters

Owners can watch every nozzle live from anywhere, compare tank dips with sales, and catch shortages at the end of every shift instead of at the end of the month. The connector is strictly read-only and never sends commands to the pumps, so the forecourt stays safe.

Built-in intelligence

Tank volume is calculated from each tank's calibration chart, and price changes, deliveries and alarms are recorded with time stamps for audit.

Modules

- ✓ Live forecourt view (real-time updates)
- ✓ Sales by nozzle, product and shift
- ✓ Shifts and staff accountability
- ✓ Price management and history
- ✓ Tanks, dips and fuel deliveries
- ✓ Alarms and events
- ✓ Daily reconciliation and reports
- ✓ Bangla / English switch

CASE STUDY · BUSINESS EMAIL

Mailler: business email for organisations

RampsBD runs its own secure mail servers and gives organisations professional email on their own domain, with a modern webmail client and an Android app.



What organisations get

- ✓ Mailboxes on your own domain (you@yourcompany.com)
- ✓ SPF, DKIM and DMARC set up for reliable delivery
- ✓ Spam and virus filtering
- ✓ Webmail with labels, categories and an address book
- ✓ Android app, plus IMAP/SMTP for Outlook and phones
- ✓ Domain-admin access to manage your own mailboxes
- ✓ Daily server backups and migration from old servers

Technology

Mail servers run on dedicated cloud servers with an outbound relay for high deliverability. The **MaillerCore** webmail is built by RampsBD on .NET 8 with MailKit, with encrypted key storage and background sync.

Migration service

We move existing mailboxes, including old mail, folders and contacts, from cPanel or other hosts with no lost messages.

Organisations using our mail service



Rajshahi Chamber of Commerce & Industry
rajshahichamber.com



Grand Riverview Hotel
grandriverviewbd.com



Fiber@4 Broadband ISP
fiber4.net.bd



Mozammel Ltd
mozammeltd.com



RDesk
rdesk.bd

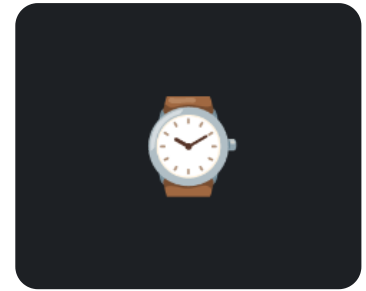


RampsBD
rampsbd.com

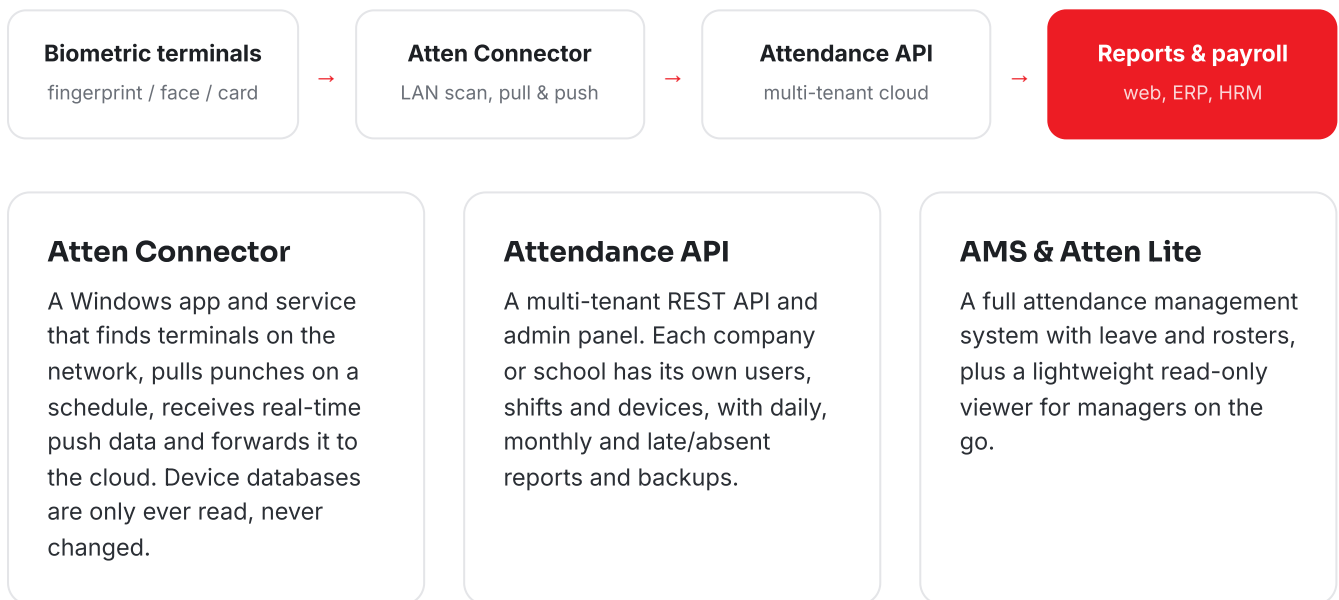
SOLUTION · HR & ACCESS

Biometric Attendance Platform

A complete attendance solution from the fingerprint or face terminal on the wall to cloud reports and payroll. It works with the ZKTeco and Suprema BioStar devices that organisations already own.



DEVICES	USERS	PLATFORM	LIVE
ZKTeco, Suprema BioStar	Companies, schools, ISPs	Windows connector + .NET 8 cloud	atten.void.bd · att.webplex.link



Highlights

- ✓ Works with the existing ZKTeco and Suprema BioStar hardware
- ✓ Real-time push or scheduled pull of punch logs
- ✓ Shift rules, late, early-out and absent reports
- ✓ Wording suits both companies and schools
- ✓ Automatic network scan to discover devices
- ✓ Multiple branches and devices per company
- ✓ Feeds payroll in RampsBD HRM and ERP systems
- ✓ REST API for third-party integration

CASE STUDY · PUBLIC SECTOR WEB

Government & institutional web portals

Secure, bilingual websites that public offices and institutions can update themselves: notices, documents, staff lists and services, published in Bangla for citizens.



Taxes Appeal Zone, Rajshahi taxappealrajshahi.gov.bd

An official portal of the National Board of Revenue's appeal zone, **rebuilt from scratch in 2026** for security and speed after the old CMS was compromised. All the old content was moved to the new site and cleaned of the malicious pages.

- ✓ Bangla public site, English admin panel
- ✓ Notices and documents with a built-in PDF viewer
- ✓ Staff list with photos, managed by the office
- ✓ Hardened hosting behind Cloudflare



Rajshahi Chamber of Commerce & Industry rajshahichamber.com

A modern responsive website for the chamber, covering its history, mission, president's message, founders, directors, committees, notices and membership, with a content admin panel and chamber email on our mail server.

Taxes Zone, Rajshahi

NBR taxes-zone portal:
taxeszoneraajshahi.gov.bd.

AC Land, Mohonpur

Land office information portal:
aclandmohonpur.gov.bd.

DC Office, Chapai Nawabganj

Access control and a digital display board, combining software and electronics.

CASE STUDY · HOTELS & CINEMA

Hospitality & entertainment systems



GRV Cineplex: Ticket Management System grvcineplex.com

Cinema ticketing for a multiplex: movies, halls, show times, seat maps and pricing, with online booking for the public and fast counter sales for staff. A home-page slider promotes current and upcoming films, and sales reports cover each show, day and hall.

- ✓ Interactive seat selection
- ✓ Show and hall scheduling
- ✓ Counter POS and online booking
- ✓ Sales and occupancy reports



Royal Raj Hotel & Condominium royalrajbd.com

The hotel's website with an integrated reservation system. Guests pick a room, see live availability and a price quote, and book online, while the hotel manages rooms, rates and bookings from an admin panel. It is backed by RampsBD's hotel ERP and staff HRM.

- ✓ Room picker with live availability
- ✓ Instant price quote by date
- ✓ Booking management for the front desk
- ✓ HRM with duty rules and attendance



Grand Riverview Hotel grandriverviewbd.com

A dedicated business email server for the hotel's staff, with migration, backups and ongoing administration by RampsBD.

Online bookings

Guests book rooms and seats from their phones at any hour, which means fewer calls and fewer empty seats.

Fast counters

Front-desk and box-office staff serve walk-in customers in seconds with printed tickets and receipts.

Clear reports

Owners see occupancy, sales and staff performance daily, by show, room type or date.

CASE STUDY · IT RETAIL

Pixels Core Suite

An e-commerce and ERP platform for **Pixels Infotech & Pixels Computer**, an IT retailer in Rajshahi. One system runs the online shop, the showroom POS, the warehouse, the staff and the accounts.



CLIENT

Pixels Infotech / Pixels
Computer

SECTOR

Computer & IT retail

PLATFORM

ASP.NET Core 8, SQL
Server

LIVE

pixels.bd

01 E-commerce & PC Builder

- Online shop with cart and checkout
- PC Builder with component compatibility
- Product information management (PIM)

02 Showroom POS

- Counter sales with one shared price rule
- Unpriced products blocked from sale
- Stock updated in real time

03 ERP back office

- Purchase, stock movements and approvals
- Double-entry accounting
- Bank and cash management

04 People & service

- HR and payroll (EMS)
- Customer service and repair (CSRMS)
- Learning management (LMS)

Engineering quality

Every stock-moving and money-moving operation runs inside a single database transaction, so a failure part-way never leaves stock and accounts out of step. The system also had an independent security audit with all critical fixes applied.

R&D DIVISION

IoT, embedded & hardware integration

Our R&D wing connects the physical world to business software. We design circuits and firmware, and we integrate the industrial devices our clients already use, so data flows into the ERP automatically instead of being typed in by hand.

**Embedded design**

AVR and ESP microcontrollers, 8086 systems, custom PCBs designed in Proteus and Eagle, and firmware in C and assembly.

**Biometrics & access control**

Fingerprint and face terminals, door access control and digital display boards, such as the system for the DC Office, Chapai Nawabganj.

**Fuel & forecourt**

A read-only connector for Gilbarco CGPOS pump controllers that streams live nozzle, tank and shift data to the cloud.

**Weighbridge & scales**

Desktop integration with weighing machines that captures weights straight into delivery and billing records.

**Network & ISP devices**

MikroTik router monitoring through the RouterOS API, with live bandwidth and port-forward dashboards for ISPs.

**Solar & energy**

Microcontroller programming for solar-energy R&D, drawing on our team's experience at Silk City Solar.

We build the sensor, the firmware, the connector and the ERP that reads it. One team, from the circuit board to the dashboard.

06

SECTION

Product Portfolio

More than 65 products designed, built and operated by RampsBD: cloud SaaS platforms, business systems, messaging and AI tools, and desktop apps published on the Microsoft Store and Google Play.

01	RDesk	Remote support platform, our flagship product
02	Cloud & infrastructure	NebulaSSH, SQLCloud, MS Auto Backup, SvnBd, ShareWith
03	Messaging & AI	NotifyBD, BuySMS, FB Page Manager, Convo
04	Desktop & tools	Winly Start, v2t, DataSync, DSearch
05	ERP & business	BinBook, PixERP, HRM, school & attendance systems

FLAGSHIP PRODUCT · RDESK.BD

RDesk: remote desktop, made in Bangladesh

Control any PC from a web browser, with the user's consent.

RDesk is a remote-support platform in the same class as AnyDesk and TeamViewer, built entirely by RampsBD and priced for Bangladeshi businesses.



515

REGISTERED DEVICES

143

AGENTS ONLINE

MS

MICROSOFT STORE APP

৳

LOCAL BILLING

Features

- ✓ Browser viewer: connect from any computer, no install needed
- ✓ Windows agents (.NET 8 and .NET Framework 4) and an Android agent
- ✓ Consent-first: the user approves every session
- ✓ Unattended access for your own managed PCs
- ✓ Two-way clipboard
- ✓ Regional relay servers for low latency (Bangladesh and Europe)
- ✓ Teams: company admins, technicians and roles
- ✓ Session history and company time zone

Built for business

Multi-tenant SaaS

Each customer company gets its own space, users, devices and billing plan.

Encrypted data vault

Sensitive columns are encrypted at rest and unlocked only by the platform owner.

Pay locally

Bangladesh plans are paid in Taka through SSLCOMMERZ on rampsbd.com, and international plans by card.

PRODUCT · APP.NEBULASSH.COM

NebulaSSH: your servers in a browser tab

A browser-based console for system administrators: SSH, RDP and VNC to any server, even behind NAT or a firewall, through lightweight reverse-tunnel agents. No VPN and no open ports.

N

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PROTOCOLS: SSH · RDP
· VNC

0

OPEN PORTS NEEDED

2

ANDROID APPS

1

BROWSER TAB

Features

- ✓ Full SSH terminal with Bangla text shaping
- ✓ RDP and VNC desktops in the browser
- ✓ Reverse-tunnel agents for Windows, Linux and Android
- ✓ File manager tab: upload, download, edit
- ✓ Code Studio: a Monaco editor on a remote folder
- ✓ Remote browser viewer for headless Chrome
- ✓ Image tabs, saved hosts and light/dark themes

Who uses it

IT teams & MSPs

Manage client servers from anywhere without VPN set-up at each site.

Developers

Edit and deploy on remote machines from any laptop or phone.

RampsBD support

Our own engineers use NebulaSSH every day to support client servers.

FOR SQL SERVER USERS

Manage and protect SQL Server from anywhere



SQLCloud.Space sqlcloud.space

SQL Server Management Studio, in the browser. A small Windows agent on the database server connects outbound to the cloud, so you can browse databases, run queries and manage files from anywhere without opening SQL Server to the internet.

- ✓ Object explorer and query editor
- ✓ Results grid and export
- ✓ Password-protected agent link
- ✓ No inbound port on the server



MS Auto Backup bak.sqlcloud.space

Automatic SQL Server backups, controlled from the web. Schedules run on Windows or Linux agents, backups are zipped and verified, and copies go off-site to FTP or Google Drive. Old backups are pruned by retention rules, and the last good backup is never deleted.

- ✓ Full and differential backups
- ✓ Schedules with retention rules
- ✓ Off-site copies to FTP and Google Drive
- ✓ One-click restore from stored backups
- ✓ Shrink log, fragmentation and statistics tools
- ✓ No database is ever dropped by design

Peace of mind for every client

MS Auto Backup protects the databases of the ERP, HMS and business systems we support, so a disk failure or ransomware attack never means lost business data.

REACH EVERY CUSTOMER

Messaging platforms for Bangladesh



NotifyBD notify.bd **GOOGLE PLAY**

Reminders that keep asking until the user says "Yes". Bill dates, renewals, medicine and appointments are re-sent through app push, SMS and WhatsApp until acknowledged. NotifyBD also monitors websites and servers and alerts you when they go down.

- ✓ Repeating reminders until acknowledged
- ✓ Website and server uptime monitors
- ✓ Topics and broadcast channels
- ✓ Android app plus installable web app
- ✓ Plans in Taka with a wallet
- ✓ Bangla and English



BuySMS buysms.bd

A bulk SMS platform for businesses and resellers, with masking (brand name) and non-masking routes across multiple Bangladeshi providers. It has a queue-based sender, delivery logs and a documented developer API.

- ✓ Masking and non-masking SMS
- ✓ Reseller (admin) and user levels
- ✓ Per-masking provider keys
- ✓ Bangla (Unicode) SMS counting
- ✓ Public REST API with docs
- ✓ Balance in Taka



FB Page Manager & WAAPI Gateway app.ehub.bd **META APPROVED**

Manage Facebook pages, posts, comments and inbox from one panel, with AI-assisted replies metered by credits. It was approved through Meta App Review. The WAAPI gateway lets businesses send automated WhatsApp messages and alerts from their own systems.

OUR OWN PRODUCTS

Cloud & infrastructure platforms

Alongside RDesk, RampsBD builds and operates a family of cloud platforms for IT teams, developers and businesses. All of them are hosted, monitored and supported by us.


NebulaSSH app.nebulassh.com

Browser-based SSH, RDP and VNC console with reverse-tunnel agents, a file manager and a Monaco code studio.

.NET 8 · xterm.js · noVNC · Android


SQLCloud.Space sqlcloud.space

SQL Server Management Studio in the browser. It reaches private servers through a lightweight Windows agent.

.NET 8 · SignalR · SQL Server


MS Auto Backup bak.sqlcloud.space

Scheduled SQL Server backup, restore and maintenance, driven from the web and run by Windows and Linux agents.

.NET 8 · SQLite · SQL Server


SvnBd svn.bd

Hosted Subversion service with repository, user and access management, a web browser and billing.

.NET 8 · Apache SVN · Linux


ShareWith sharewith.xyz

Cloud file manager with in-browser Word, Excel, PowerPoint and PDF editing and a Windows sync agent.

.NET 8 · Syncfusion · .NET 4.8


qBox qbox.bd

Self-hosted, encrypted WhatsApp archive with multi-server SSO, an Android app and an Electron desktop app.

.NET 8 · Kotlin · Electron


eDraw edraw.bd

Online system-diagram, flow-chart and software-architecture editor.

Node.js · SQLite


ZHost Mail & Billing

Webmail and mail-hosting platform with a hosting and domain billing panel and automatic reminders.

.NET 8 · SQL Server · Android

Messaging & marketing



NotifyBD notify.bd

Reminder and notification platform that keeps asking until the person says yes. Web app plus an Android app on Google Play.

.NET 8 · Kotlin · Bangla / English



BuySMS buysms.bd

Bulk SMS panel with masking and non-masking routes, multiple providers and a public developer API.

.NET 8 · REST API



FB Page Manager app.ehub.bd

Facebook page management approved through Meta App Review, with AI replies and credit metering.

.NET 8 · Meta Graph API



WAAPI Gateway

WhatsApp API gateway that lets businesses send automated messages and alerts.

Node.js · OpenWA

AI products



Convo

AI conversation platform with three-tier accounts and a token wallet for pay-as-you-go usage.

.NET 8 · LLM APIs



amader.site

AI website builder that creates and hosts complete small-business sites from a conversation.

.NET 8 · AI



v2t (Avro)

Offline Bangla voice-to-text for Windows using on-device Whisper speech recognition.

.NET 8 · Whisper.net



Clodius

Web control centre for AI coding agents with real-time streaming and voice input and output.

.NET 8 · WebSocket

Desktop & developer tools



Winly Start MICROSOFT STORE

The classic Windows 10 Start menu with live-tile style groups, rebuilt for Windows 11.

.NET 8 WPF · open source



DataSync & Repo tools

SQL Server data copier, SQL script generator, FTP folder sync and SSH utilities for developers.

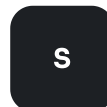
WinForms · VB.NET



MikroTik Web Monitor

Real-time bandwidth dashboard and port-forward viewer for MikroTik routers.

.NET 8 · RouterOS API



DSearch

Fast domain-availability search across multiple registrars.

Rust

RUN THE WHOLE BUSINESS

ERP, management & attendance systems

**BinBook Axiom**axiom.binbook.solutions

Hardware-shop management covering purchase, sales, stock and accounts in one place.

.NET 8 · SQL Server

**BinBook HMS** hms.binbook.solutions

Hospital management covering patients, billing, pharmacy and diagnostics.

.NET 8 · SQL Server

**PixERP**

Manufacturing ERP covering raw materials, production stages, finished goods and costing.

.NET 8

**Feeling Station ERP**

Bilingual (Bangla/English) ERP for a retail chain: sales, stock and accounts.

.NET 8

**BMDA ERP**

ERP for the Barind Multipurpose Development Authority with Bangla localisation.

.NET 8

**HotelPro ERP & RBD HRM**

Hotel ERP and staff HRM with duty rules, attendance, daily and staff reports.

.NET 8 · SQLite

**Basic ERP**

Simple accounting with BinBook master data and a public REST API with API keys.

.NET 8 · SQLite

**Pixels Core Suite**

EMS, CSRMS, LMS and e-commerce (with a PC builder) modules for Pixels Infotech.

.NET 8 · SQL Server

**Cineplex TMS**

Cinema ticket booking, counter sales and management system.

ASP.NET · IIS

**SCS School Suite & dPayment**

School management plus online fee payment through DBBL and Nagad.

.NET 8 · EF Core

**Atten Connector & Attendance API**

Connects ZKTeco and Suprema BioStar biometric devices to a multi-tenant cloud attendance system.

.NET 8 · biometrics

**Business toolkits**

QSAS Courier, Cosas DO Token, Order Management, LogicLab ISP, Weighbridge and Membership systems.

.NET 8 · VB.NET

SELECTED CLIENTS

Organisations that run on RampsBD.



Taxes Appeal Zone, Rajshahi

National Board of Revenue: official office portal with a content admin panel.

taxappealrajshahi.gov.bd



Rajshahi Chamber of Commerce & Industry

Modern responsive website with a member and content admin.

rajshahichamber.com



GRV Cineplex

Cinema ticket management, online booking and counter sales.

grvcineplex.com



Royal Raj Hotel & Condominium

Hotel website, room reservation system, hotel ERP and HRM.

royalrajbd.com



Pixels Infotech & Pixels Computer

EMS, LMS, CSRMS and e-commerce with a PC builder; manufacturing ERP.

pixels.bd



Ure Berai Tours & Events

Travel and event website with block-editable pages.

ureberai.com

Also trusted by

Barind Multipurpose Development Authority (BMDA)

Silk City Solution

Feeling Station

Rangapori

Desh Corporation

Ashadullah Brothers

Hi-Tech Hospital

Barendra Development Organization

RCS97 Alumni Association

LogicLab ISP

QSAS Courier

98%

ON-TIME DELIVERY

50+

ENTERPRISE CLIENTS

25+

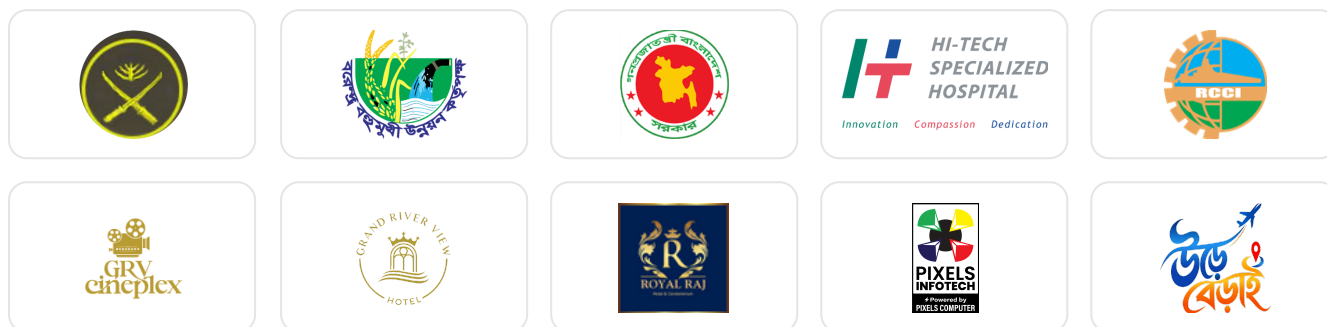
LIVE WEB APPS

100%

CLIENT SATISFACTION

100+ ORGANISATIONS SERVED

Our client portfolio



Government & Defence

Bangladesh Army: BPIMS, BIRC, cantonment systems
 NCO Academy, Bogura
 Barind Multipurpose Development Authority (BMDA)
 National Board of Revenue: Taxes Appeal Zone & Taxes Zone Rajshahi
 DC Office, Chapai Nawabganj
 AC Land Office, Mohonpur

Industry & Agro

Jamuna Industrial Agro Group
 The Muslim Ayurvedic & Chemicals Industries
 Rahman Cold Storage Ltd
 Rangapori
 Sarkar Group

Hospitality, Travel & Entertainment

Royal Raj Hotel & Condominium
 Grand Riverview Hotel
 GRV Cineplex
 Ure Bera Tours & Events
 National Travels

Healthcare

Hi-Tech Specialized Hospital PLC
 Rajshahi Medical College Diabetic Hospital

Commerce & Retail

Pixels Infotech & Pixels Computer
 Desh Corporation (Banglalink sub-distributor)
 Ashadullah Brothers
 SK Saad Filling Station (Feeling Station)
 Mozammel Ltd

Associations, Education & ISP

Rajshahi Chamber of Commerce & Industry
 Silk City Solution (schools & dPayment)
 Barendra Development Organization
 RCS97 Alumni Association
 Fiber@4 Broadband & LogicLab ISP

EXPERTISE & PASSION COMBINED

Engineers who understand both circuits and balance sheets.

Md. Samsur Rahman Mahi

TECHNICAL ADVISOR · SINCE 2012



SRM

B.Sc. Engg. (EEE) and MBA, with more than 20 years of building and running business software. He leads the design, development and deployment of every RampsBD product, from SQL Server databases and ASP.NET Core back ends to Windows and Android clients and the servers they run on. Earlier roles include Database Administrator at the National Board of Revenue's automation wing and Microcontroller Programmer at Silk City Solar.

Software architecture

Database administration

Security

Remote access

Embedded systems

Core expertise areas

Engineering foundation

A strong electrical and electronic engineering base for solutions that work with physical devices and sensors.

Business integration

Accounting information systems know-how, so ERP and accounting match real business processes and compliance needs.

Hardware proficiency

AVR microcontrollers, 8086 architecture and custom circuit and PCB design for IoT and embedded products.

Software evolution

From database architecture to systems programming on modern enterprise stacks such as .NET 8 and SQL Server.

Our values

Innovation first

We keep exploring IoT, AI and the cloud.

Client partnership

Every project is a long-term relationship.

Quality assured

Every release is tested for reliability and security.

Future ready

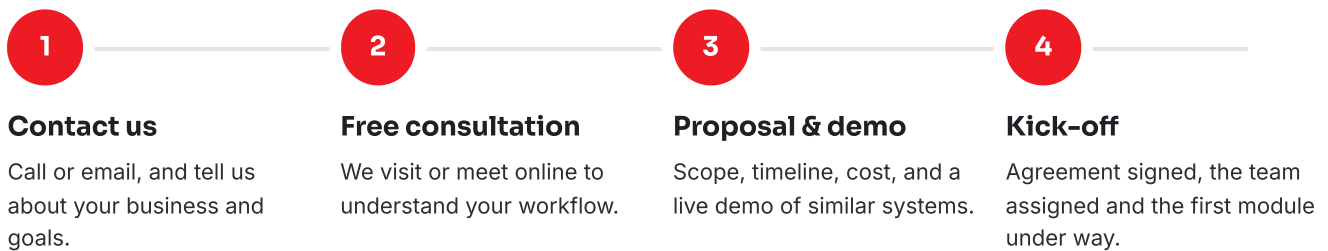
Our architecture grows with your business.

WHY CHOOSE RAMPSBD

Ten reasons clients stay with us.

- 01 Local team, local support.** Based in Rajshahi, reachable in Bangla, on site when needed.
- 02 One team end to end.** Analysis, code, servers, devices and support from a single team.
- 03 Built for your workflow.** We adapt the software to your process, not the other way round.
- 04 Government-grade experience.** Trusted by the Army, BMDA and NBR offices.
- 05 Hardware + software.** Biometrics, pumps, barcodes, sensors and PCB design in-house.
- 06 Bangla and English.** Interfaces, reports and printouts in the language your staff use.
- 07 Secure by default.** Encryption, audit logs, backups and hardened servers.
- 08 Our own cloud platforms.** Hosting, backup, email and remote support we run ourselves.
- 09 Modern technology.** .NET 8, SQL Server, Android and the cloud, with no dead-end tools.
- 10 Long-term partner.** Many clients have worked with us for years, and we keep supporting the systems we build.

How to start a project



Let's build something great together.

Tell us about your project. Our team replies within one business day with a proposal tailored to your business.

HEAD OFFICE

RampsBD
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