



BUSINESS AUTOMATION Ltd.



Empowerment



Innovation



Experience

DRIVING TOMORROW'S SUCCESS WITH INTELLIGENT IT
SOLUTIONS AND CUSTOMER-CENTRIC INNOVATION

About Our Company

01

Business Automation Ltd. continues to expand its footprint by delivering customer-centric, innovative IT solutions that address industry-specific needs with precision, scalability, and reliability.

02

Business Automation Ltd. is a pioneering ITES company in Bangladesh with a rich legacy of over 26 years, delivering innovative digital solutions across sectors including government, banking, telecom, healthcare, and education. Serving more than 300 clients locally and internationally, the company specializes in customer management, data analysis, IT service delivery, device integration, and IoT-based products such as kiosks, LED displays, and digital signage.

03

The company's commitment to quality and security is underscored by its ISO 9001:2015 certification for quality management systems and ISO 27001 certification for robust information security practices. Additionally, Business Automation Ltd. is recognized by key industry associations like BASIS, BACCO, and BCS, reflecting its adherence to industry standards and active involvement in Bangladesh's IT ecosystem. With a strong R&D focus, Business Automation Ltd. leverages data-driven insights to develop solutions that elevate client performance, turning operational expenses into competitive advantages.

Vision

Providing cutting-edge IT solutions that boost productivity, encourage sustainability, and propel corporate expansion across global industries in order to set the standard for digital transformation.

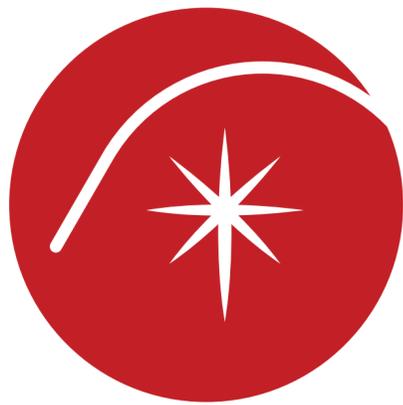
Mission

1 Providing cutting-edge IT solutions that boost productivity, encourage sustainability, and propel corporate expansion across global industries in order to set the standard for digital transformation.

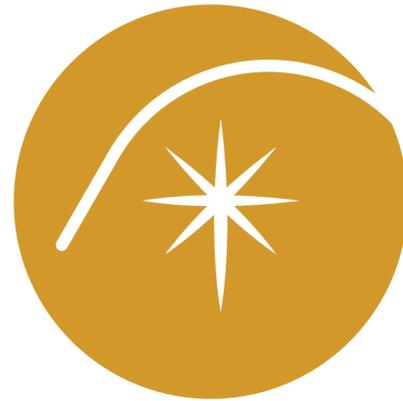
2 To provide customer-centric services using cutting-edge technology and data insights, helping businesses turn challenges into competitive advantages

3 To foster continuous innovation by investing in research and development, creating solutions that meet the evolving needs of businesses globally

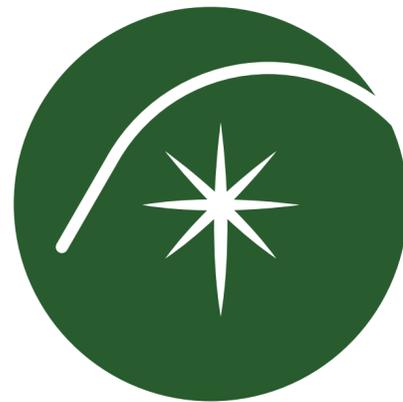
4 To provide customer-centric services using cutting-edge technology and data insights, helping businesses turn challenges into competitive advantages



**Custom Software Development, e-governance
Platforms & Data Analytics & Visualization**



**Process Automation, Queue Management,
AI Solutions & System Integration & API Services**



**Enterprise Resource Planning (ERP),
Mobile App Development & Training & Capacity Building**



**Management Information Systems (MIS),
Digital Licensing & Application Systems**

**Our Services
Driving: Digital
Transformation**

Why Choose Business Automation ?



**26+ Years of Experience
in the Software
Development & Service
Industry**



**More Than 300 Clients
use Our Services**



**8+ Countries
International Experience**



**12 Local and
International Award
Winner**



**We are Specialized in
integrated platforms,
experienced in
microservice
architecture**



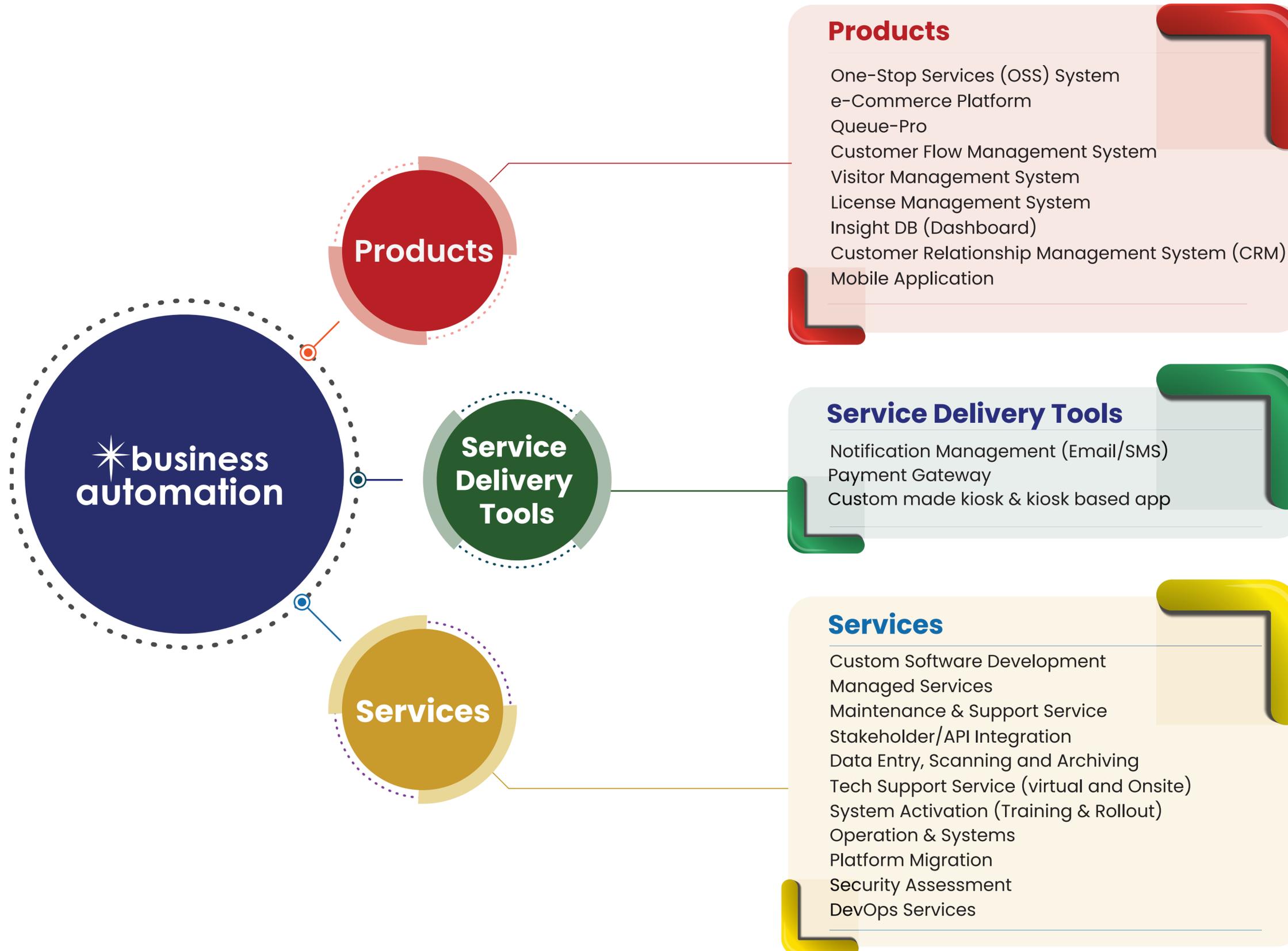
**We are ISO 9001:2015,
ISO/IEC 27001 certified**



**350+ Dedicated &
Qualified Team
Members**



**Proven Capabilities in e-
Governance, Large-Scale
System Development, &
Multi-Stakeholder
Integration.**



Rationale for complete eServices

Benefits of Government entity



Ease of doing
Business



Real Time
Notification



Full electronic
submission



Online status
update



Authentication of
document



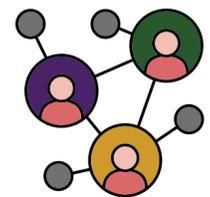
Paperless working
environment



More secured and
controlling obligation



Identify all service
information at a glance



Real time data validation to
different stakeholders



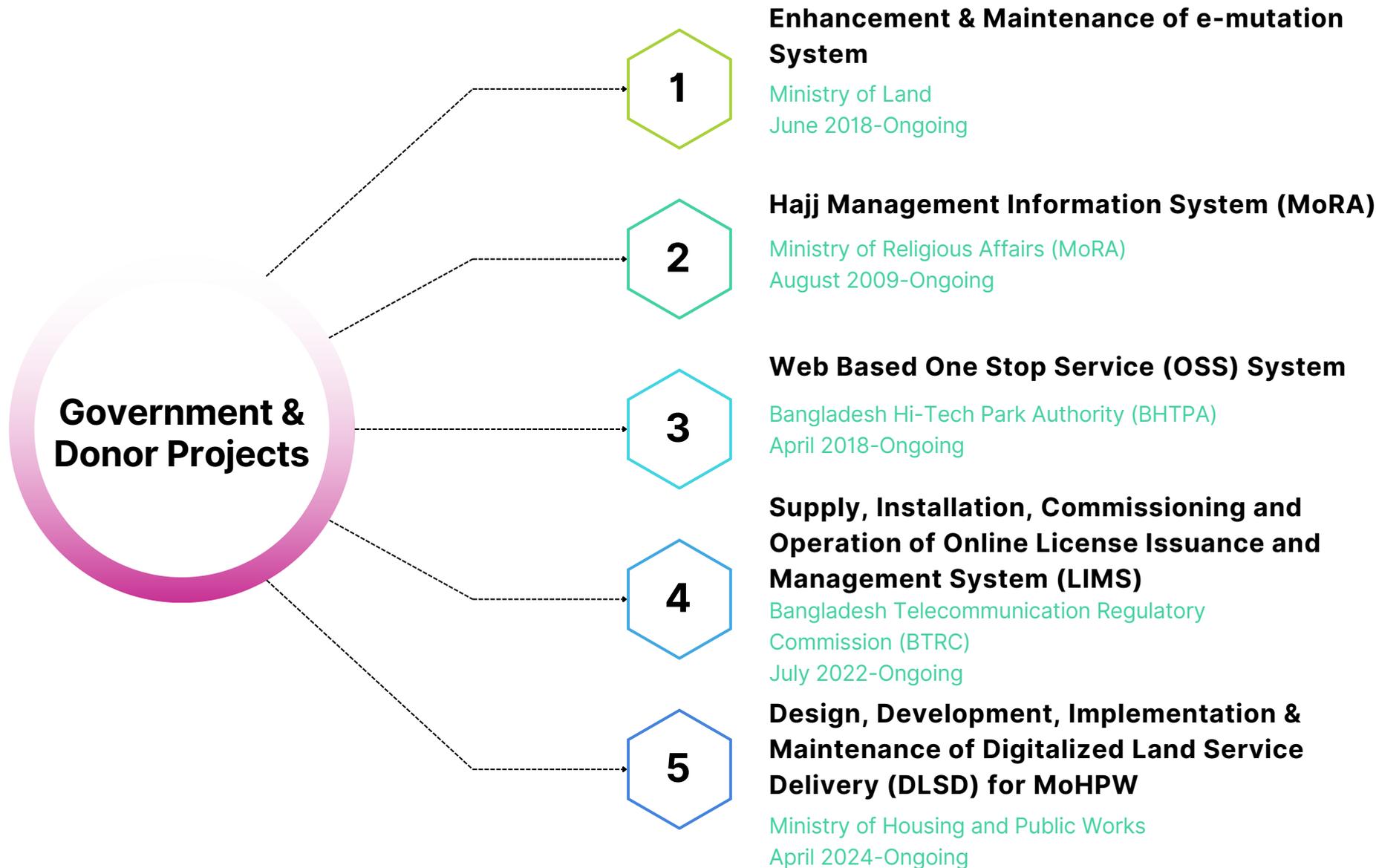
Fully Electronic fee
collection & reconciliation process

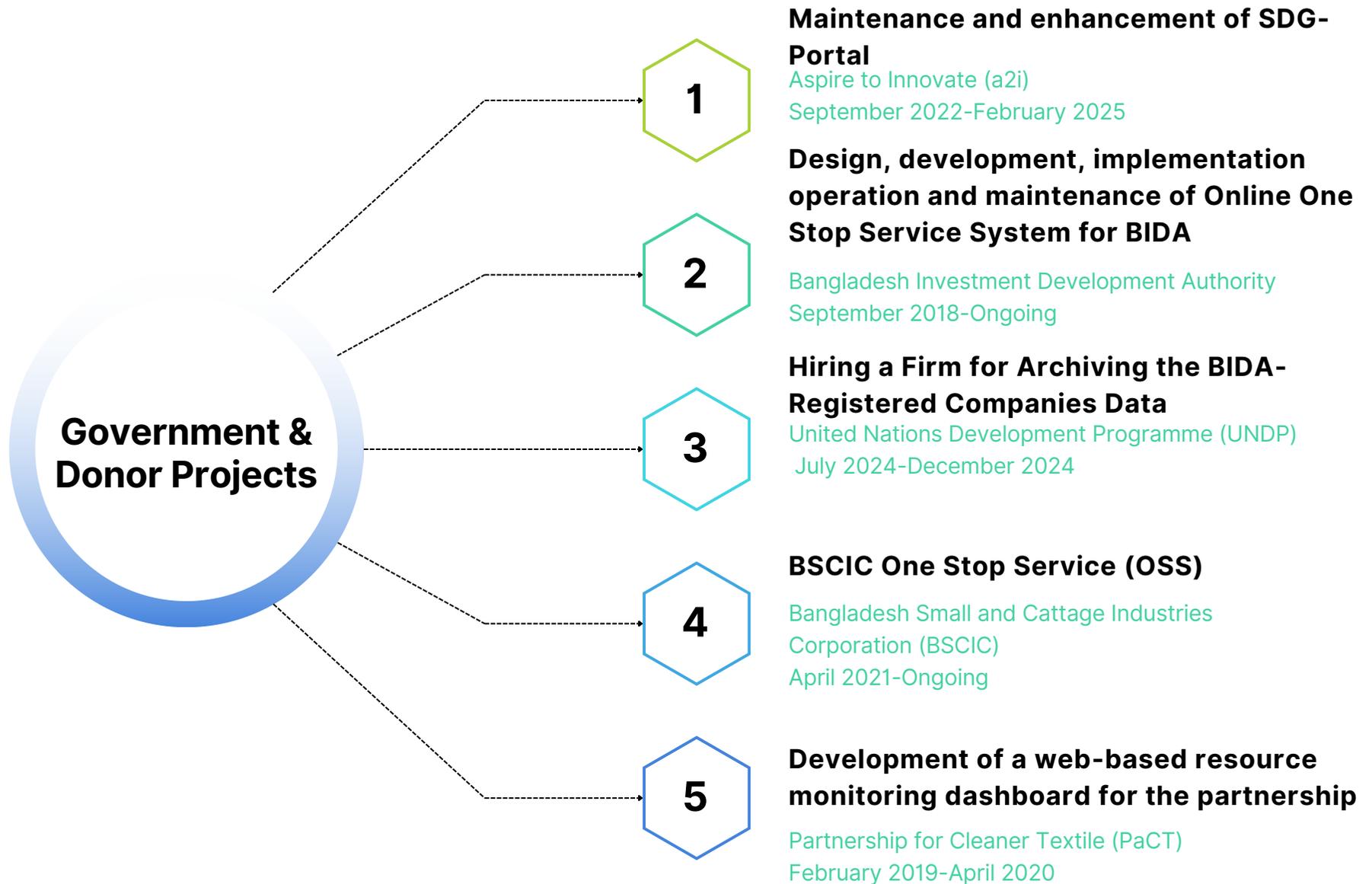


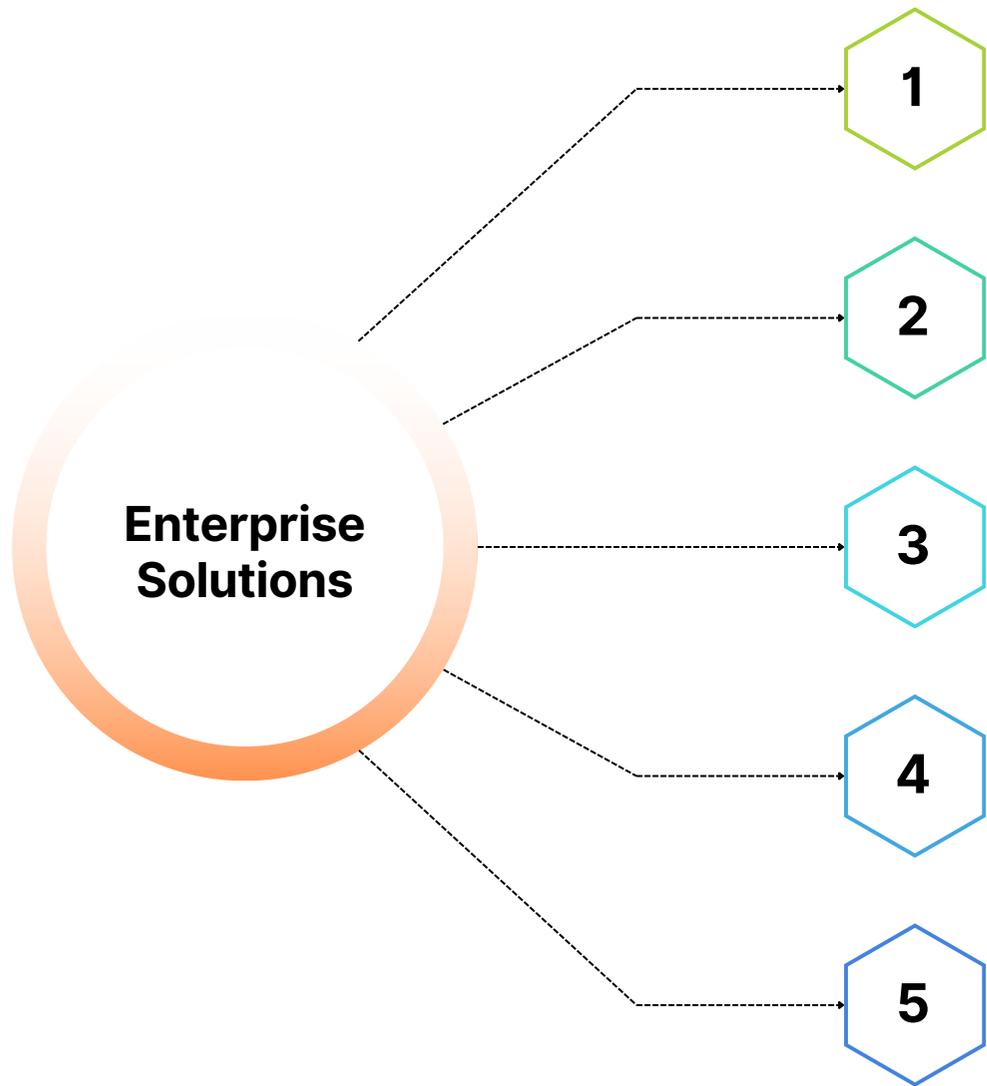
Draft different policies with
quick reporting



Assist To identification
Fraudulence







Development of Customized E-Plot/ Flat Service Management System Software including maintenance for RAJUK

Rajdhani Unnayan Kartripakkha (RAJUK)
November 2022-November 2023

E-Commerce (Gas Monkey)

Gas Monkey Bangladesh Ltd.
February 2022-September 2022

Online based license Issue, Renew, Cancellation, Suspension and Verification of BSTI License, Clearance Certificate, Certificates and Logo

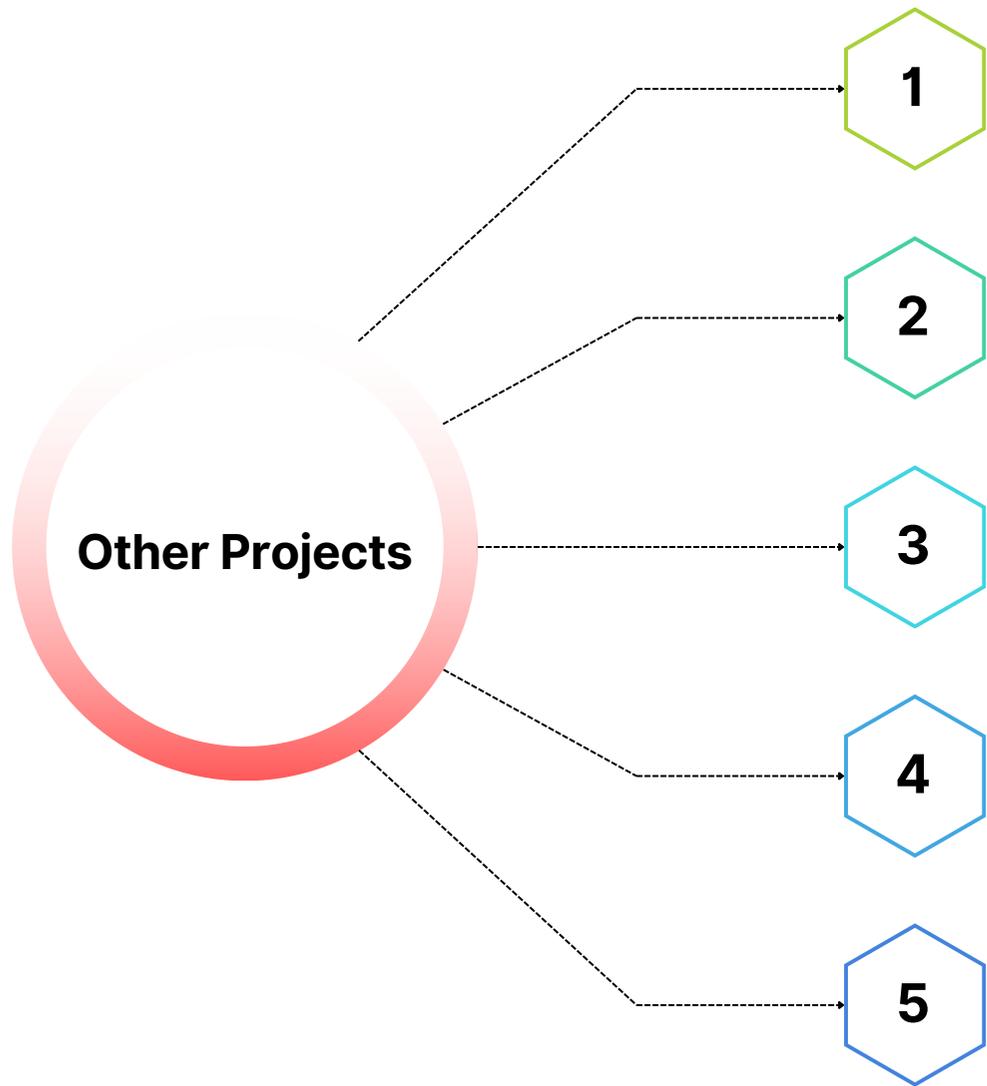
Bangladesh Standards and Testing Institution (BSTI)
September 2021-September 2022

Developing a Web Portal and Database system for Bangladesh Tourism Board

Bangladesh Tourism Board
May 2019-July 2021

Developed & implemented website for the department and all offices under DPP and web-based software application.

Department of Printing and Publications (DPP)
May 2012-December 2012



Call Center (Hot Line) and Citizen Care Center services, Bhumi Bhaban, Ministry of Land

Ministry of Land
September 2023-March 2025

Digital service progress Monitoring Dashboard

Aspire to Innovate (a2i) program
May 2021-August 2023

Design, development, implementation operation and maintenance of Online NOC Automation and IMEI Database (NAID) System

Bangladesh Telecommunication Regulatory Commission (BTRC)
May 2018-May 2021

Designed, Developed & Implemented Online Travel Agency Management System

Ministry of Civil Aviation and Tourism (MoCAT)
June 2016- Ongoing

Turn-Key Solutions for Online Security Clearance System for Ministry of Home Affairs and Stakeholders

Ministry of Home Affairs (MoHA)
May 2015-May 2016

Why Business Automation Ltd. is the Right Partner

1. Proven Leadership in e-Government and National Digital Projects

Our solutions are at the heart of Bangladesh's digital governance movement, powering critical platforms for ministries and regulatory bodies. From land management and licensing to digital dashboards and citizen services, we are a trusted name in transforming public systems.

2. Internationally Certified and Compliant

We adhere to the highest quality and security standards: ISO 9001:2015, ISO/IEC 27001, and This ensures our solutions are robust, secure, and reliable for any global partnership.

3. Expertise Across Diverse Domains

Our domain expertise spans multiple sectors—including housing, religious affairs, land, tourism, investment, and standards—making us a well-rounded implementation partner for versatile digital initiatives.

4. Strong Talent and Inclusive Culture

With 350+ professionals, we combine experience, innovation, and diversity. Our inclusive recruitment focuses on empowering women, young professionals, and specialists across disciplines.

5. Agile, Scalable, and Interoperable Systems

We build future-ready systems using microservice architecture, DevOps practices, and cloud-native technologies. Our platforms integrate smoothly with NID, GIS, payment gateways, SMS gateways, and enterprise APIs.

6. Trusted by Government, Donors & Development Partners

Our longstanding work with a2i, BTRC, BIDA, UNDP, MoHPW, and MoLand showcases our ability to align with national visions, donor compliance, and sustainability frameworks like the SDGs.

7. Commitment to Innovation and R&D

We invest significantly in research and development, driving continuous improvement in AI, data analytics, process automation, and mobile technologies to stay ahead of the curve.

Currently, we use Technology



Database



- ✎ Oracle
- ✎ MySQL
- ✎ MSSQL
- ✎ PostgreSQL
- ✎ MongoDB
- ✎ DynamoDB
- ✎ CosmosDB

DevOps



- ✎ Docker
- ✎ Kubernetes
- ✎ GitLab
- ✎ GitHub
- ✎ Trello
- ✎ Jira
- ✎ Ansible

Framework



- ✎ .Net/.Net Core
- ✎ Spring/Springboot
- ✎ Django
- ✎ Laravel
- ✎ .Net/.Net Core
- ✎ TestNG

Language



- ✎ Java, Python, C++, C#, Ruby
- ✎ JavaScript, PHP, Python
- ✎ HTML, XML, SQL, XQuery
- ✎ Assembly Language
- ✎ Machine Code
- ✎ SQL, HTML, CSS

Cloud & API



- ✎ Oracle
- ✎ Azure
- ✎ AWS
- ✎ Google Colud
- ✎ REST
- ✎ RPC
- ✎ SOAP
- ✎ Graph QL

QA & Frontend



- ✎ Selenium
- ✎ Postman
- ✎ Appium
- ✎ BrowserStack
- ✎ LoadRunner
- ✎ Web Driver
- ✎ React.js
- ✎ Angular
- ✎ Vue.js
- ✎ Preact
- ✎ Svelte

Operating System



- ✎ Linux
- ✎ Windows

Reporting



- ✎ Crystal Report
- ✎ Jasper

Message Queue



- ✎ .Net/.Net Core
- ✎ Spring/Springboot

Artificial Intelligence (AI)



- ✎ Google Colab
- ✎ PyTorch, Pandas
- ✎ Tensor Flow
- ✎ Jupyter, DarkNet
- ✎ NLTK, HMM
- ✎ Notebook, Amazon
- ✎ Spacy, Yolo v4
- ✎ Open CV
- ✎ RestNet50

Security Testing



- ✎ OWASP ZAP
- ✎ Nmap, Nessus
- ✎ Ffuf, AppScan
- ✎ Scanner, Snort
- ✎ Kali Linux
- ✎ Acunetix
- ✎ Wireshark
- ✎ Burp Suite
- ✎ OpenVAS

Mobile App



- ✎ Android Studio
- ✎ iOS
- ✎ Flutter
- ✎ React Native
- ✎ Swift
- ✎ Xamarin

Capabilities of cloud infrastructure and multi-country & stakeholder operation

Business Automation Ltd. is operating in management of cloud-based system for Government entities. The major capabilities of the company are given below:

 <p>Proven track record of operation and management of cloud infrastructure;</p>	 <p>Working experience of managing servers locating in multiple data centers including BCC;</p>
 <p>Proven track record of multi-country operation 24X7 basis;</p>	 <p>Dashboard and API manager built on micro-service architecture;</p>
 <p>Proven track record of integration of multiple system through 3rd party API (NID, Passport, UDC, Airlines, eTIN, eNothi, RJSC, CDA etc.);</p>	 <p>Familiarity with devices required to operate the system including self-service devices (medical kiosk, check-in kiosk, digital signage etc);</p>
 <p>Worked with Government's Computer Incident Response Team (CIRT) & software quality test team and CSE dept. of BUET for software testing;</p>	 <p>Management of large-scale data (eMutation system - 23 TB located in Cloud Infrastructure of National Data Center of BCC; PRP 300 GB);</p>

Location

Location and infrastructure of any company is important, particularly software companies are more sensitive in this regard. Considering the importance of that, Business Automation Ltd. has established three offices.



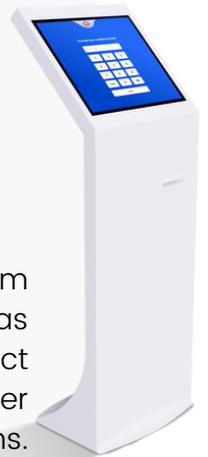
Product Portfolio



Document Printing Kiosk, a self-service device that allows the customer to take print-out different statements. Specially; in the financial institutions, customers can visit to desired branches, service points for obtaining transaction, tax or other certificates and wait into queue.

Document Printing Kiosk

Transform your public transportation system with our single printer kiosk. Our technology was designed with users in mind, making it perfect for railway stations, bus stations, and other transport systems.



Single Printer Kiosk



The Information Display Kiosk is an innovative solution for organizations that want to provide information to visitors in an interactive and user-friendly manner.

Information Display Kiosk

Double printer kiosks replaced the older manual token dispensing systems that were formerly supervised by employees. This kiosk is ideal for queue management system or any service interaction system for generating the receipt.



Double Printer Kiosk

Thank You



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Website

<https://ba-systems.com/>