

Bengal Mobile QA Solution – Your Trusted Solution Partner
***Made in Bangladesh Software Craftsmanship,
Global Innovation and Quality***

2020-21



Bengal Mobile QA Solution

WHO WE ARE



Bengal Mobile QA Solution (BMQA) is a full service Technology development and IT Services provider firm based in Bangladesh. We build solution components for World-class products for global companies, such as Cisco's IPICS Push-to-Talk Dispatch Solution and Price Waterhouse Global Innovation solution. We also build Enterprise-class solutions in Bangladesh for customers like GrameenPhone, Robi and Dhaka City Corporation. We are focused on end-user value, bringing technology to solve real-world challenges with great intuitive user-experiences

BMQA has a close relationship with Silicon Valley-based NRB company Protect Together, Inc (P2T). BMQA is a reseller for P2T products and also P2T personnel provide architectural and design guidance in BMQA projects in Bangladesh. We also provide personnel for P2T offshore projects such as 24/7 Support for a US-based Hospitality customer and Software Integration support for multiple US enterprises.

BMQA is proud to introduce the Jogajog online meetings solution in Bangladesh. BMQA worked jointly with P2T to build this solution for the global marketplace. We are also introducing three vertical solutions: Jogajog School, Jogajog Team and Jojajog MediSheba built on the Jogajog platform.

LEADERSHIP STRATEGY FOR THE COMPANY

Mission

Vision

Goal

Strategy



Customer satisfaction is our number one priority with all of our products and services.



We are dedicated to provide **high quality** solutions and services by understanding and prioritizing customer needs.



We are committed towards extra efforts to meet the required **timeline** schedules.



We strive towards introducing Silicon Valley **innovations** in design, architecture and delivery, while maintaining Bangladeshi craftsmanship and **cost advantages**.

Our Portfolio

Enterprise Applications

1. Biometric solution for Grameenphone
2. Biometric solution and Retailer single App for Robi
3. Innovation Management and Survey Application for PWC US
4. Document Publishing Management System for O'Reilly

Applications in Education

9. Education management – online and offline: Jogajog School
10. Diploma and Transcript management system for Texas Southern University and NC Dept of Educations
11. Student Performance Reporting System for SayYesToLife and Wecan

Safety & Security & IoT Applications

5. Push-to-Talk, Alert and Tracking App development for CISCO IPICS and Technuf SchoolBus Connect
6. Reporting & Analytics Dashboard App for Smart Buildings & Smart Helmet Natural Language Interface
7. Enterprise Safety Communications and employee in-building and geo-location tracking: Jogajog Teams
8. TeleMedicine & Remote Patient Monitoring: Medi-Sheba

Other Capabilities

12. Game development: Tempus Chronicles for Tista Games & Pen Flight, Apple Slinger, Jhoonjooni
13. Automated QA Solution Services for CISCO
14. Facebook App for Influenza tracking: Pity Please
15. 24/7 Support and Maintenance: Jazzware

Our Expertise

Software Domains



Web Application



Desktop Application



Android Application



iOS Application

Programming Languages



[Obj-C]



JAVASCRIPT

Programming Frameworks



Spring Boot



Our Expertise (Contd.)

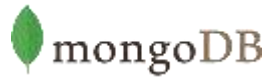
UI/UX Design Frameworks



balsamiq



Databases



DevOps Technology



NGINX

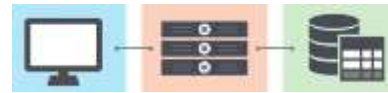


Our Expertise (Contd.)

Other Technologies



Architectures



Layer based architecture



Service Oriented architecture



ORM Architecture



MVP architecture



MVC architecture



MVP architecture

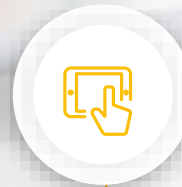


MVVM Architecture

Major Solution Offerings

Online Collaboration Solutions

- With our deep voice and video application portfolio, we offer online collaboration options for various sectors
- Our online meetings solution has the best features of Zoom, offered as both cloud and hosted solutions
- Our Push-to-Talk solution allows always-on communications along with alerting and tracking.
- With our Team Collaboration solution, Site Supervisors ensure that Jobs are completed. Managers assign roles to the Field Workers.
- Our Telemedicine solution combines video conferencing with remote sensor-based diagnostics



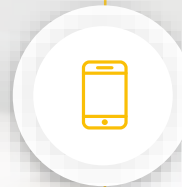
Biometric Solutions

- We have an expert team to provide biometric verification technology-based solutions
- Diverse approaches such as Visual Image, Video, fingerprint-matching combined with AI techniques for the best solutions
- Solutions are in deployment at large Telcos and being targeted in the financial sector.

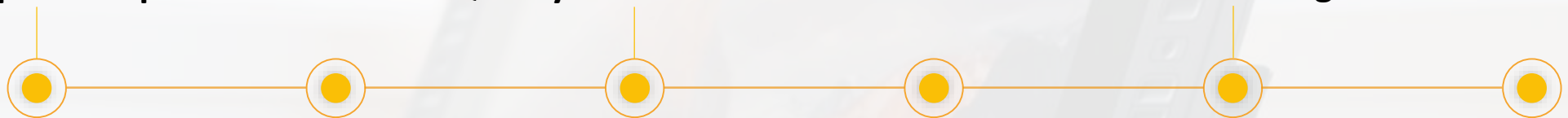


Learning Solutions For Education Sector

- Over the years we have provided education solutions for various institutions, including K-12 schools up to Universities and regional educational authorities
- We offer a full virtual class-room solution with full Google Classroom-like features hosted in Bangladesh and combined with Zoom-like delivery
- We offer offline school security solutions.



Our Solution Offerings (Contd.)



We enable you to create highly productive mobile apps with most recent technologies. All of our developments are very secured and highly scalable so our clients can perform their job hassle free.

Mobile App Development

Our primary focus is to help to deliver high quality software and applications that work flawlessly as intended under any conditions across any platform or channel through innovative and robust quality assurance processes.

Quality Assurance Services

Whether you want to integrate social media handles with your desired application, we are here to serve your needs. Control over social media for your business is at your finger tip.

Social Media Integration

Website Design & Development

We craft beautiful, engaging websites and deliver successful SEO campaigns. We specialize in website design, custom web development. With 15+ years of experience, in our own design studios, we are a creatively rich and technically outstanding website development team

Unique Content Creation

We create relevant content that starts conversations with prospects. We nurture those discussions into relationships and, eventually, sales, by sharing great stories about your business told through the right type of content, delivered at the right time on the right channels.

Search Engine Optimization

Our team uses modern SEO services, backed by the best digital practices, to increase your traffic & rankings for vetted keywords and long-tail phrases that drive business to your site.

Mobile App & Website Development



Secure & safe Coding

We Design with security in mind and prioritize any potential threats. We rigorously validate user input and prepare our development for failure to make sure that private data is never compromised



Professional Hosting

To ensure smooth operation of our developed products and services we provide- Network infrastructure including web servers, Database management, Server-side programming, Modern cryptography to ensure security, Mobile telecommunications network



Full 24/7 Support

We have expert team to support our clients 24/7 flawlessly.

Project Showcase

Mobile & Web Applications

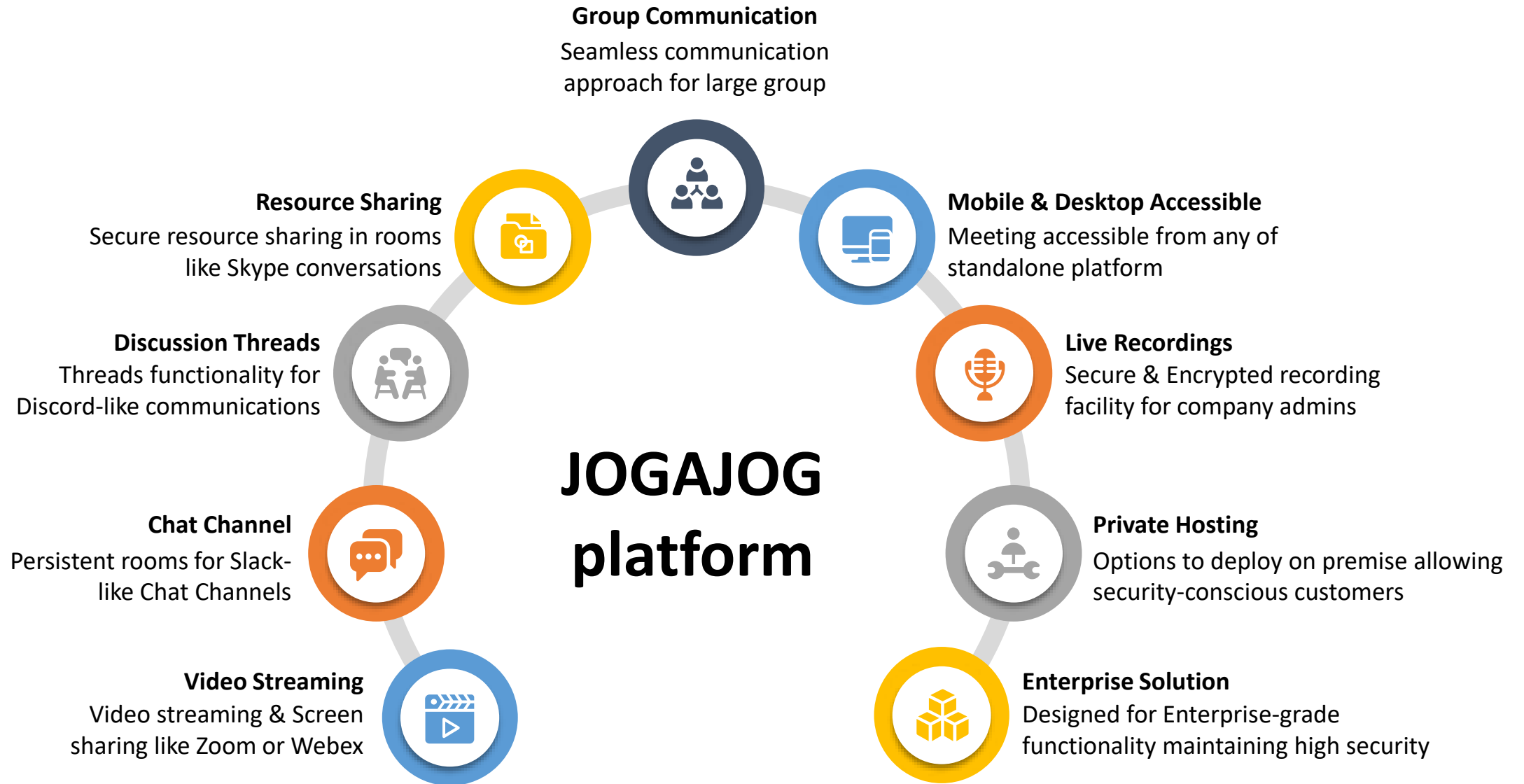


Jogajog Online HD Meeting Solution

Solution Features

- Jogajog enables Voice, Video, Chat and Screen-sharing from your PC or Mobile devices with easy one-click meetings.
- Eliminate the Chaos of too many simultaneous talkers with optimized experience.



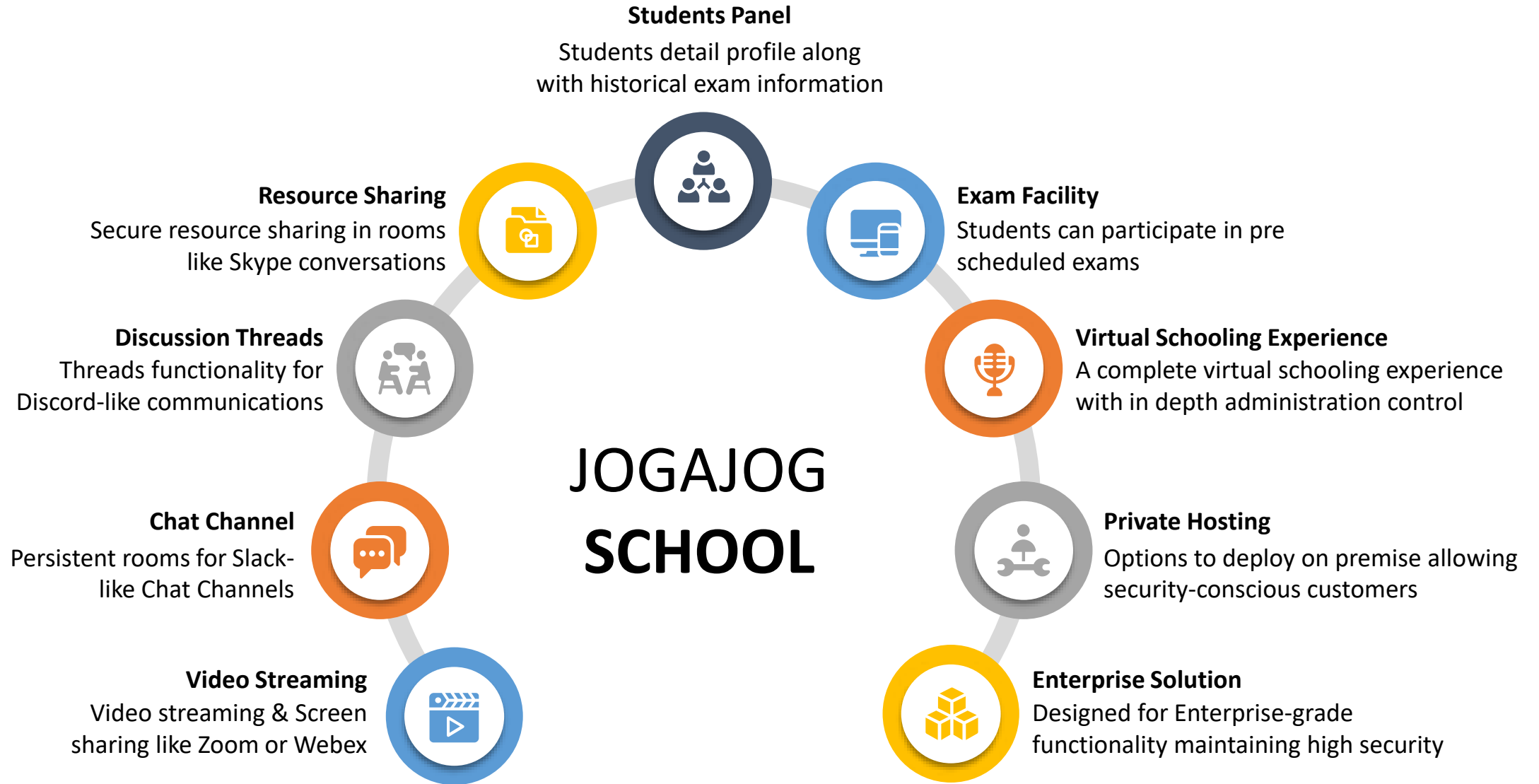


Jogajog School Online Classroom Solution

Solution Features

- For Educational Institutions one-stop solution for remote e-learning and online testing.
- Full fledged digital classroom solution to make education more interactive and fun.





Jogajog Team Together **Safety Collaboration solution**

Solution Features

Taking Public Safety, Enterprise Security and Front-line communications into the future with one integrated audio, video, location, alerting, Push-to-Talk Solution :

- Deliver the right information to the right people at the right time
- Increase clarity and provide situational awareness
- Improve response time and increase safety for mobile geographically dispersed personnel on the field

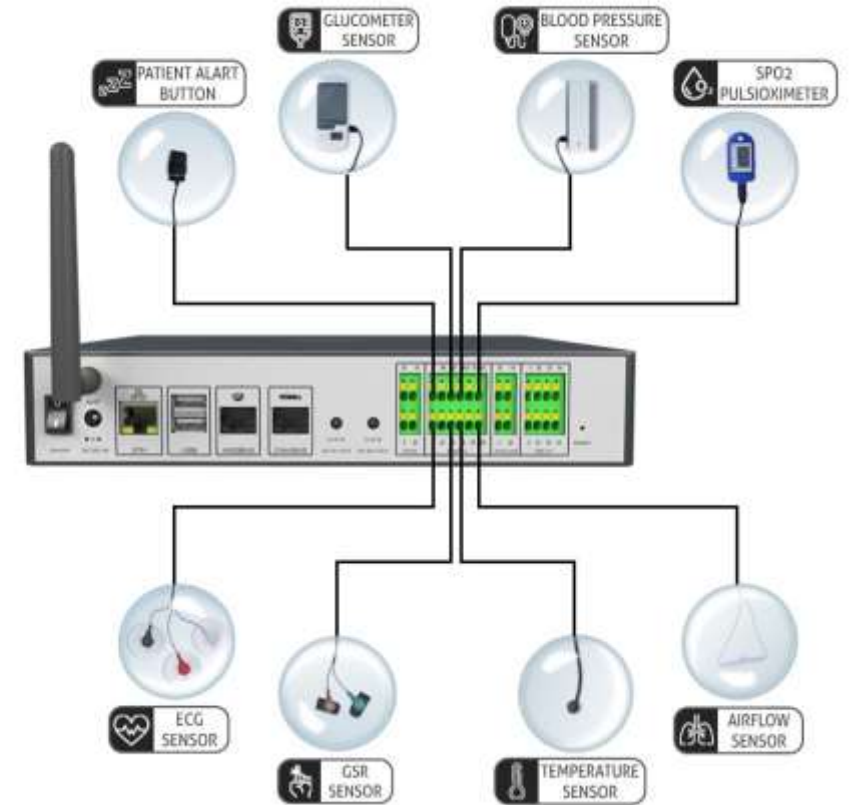
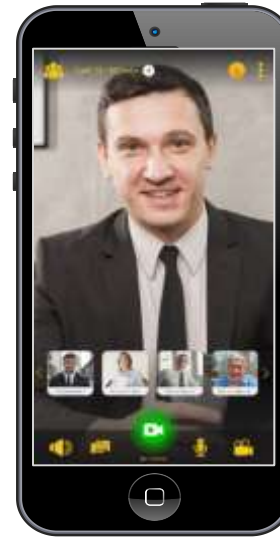


Jogajog Medi-Connect TeleHealth solution

Solution Features

Taking Public Safety, Enterprise Security and Front-line communications into the future with one integrated audio, video, location, alerting, Push-to-Talk Solution :

- Deliver the right information to the right people at the right time
- Increase clarity and provide situational awareness
- Improve response time and increase safety for mobile geographically dispersed personnel on the field



CISCO IP Interoperability and Collaboration System (IPICS)

Solution Features

- Cisco IP Interoperability and Collaboration System (Cisco IPICS) is a platform that enables users to bring their own devices into the world of push-to-talk (PTT) communications in Cisco Unified Communications (UC) environments.
- Cisco IPICS bridges the worlds of land mobile radio (LMR) and UC, providing the ability for communication between disparate devices such as traditional and digital radio, Android, and Apple iOS devices.
- BengalMobileQA Solution Engineers developed and tested important components of this solution



Grameenphone Mobile Device Management

Solution Features

The solution provides full system administrative functionalities, list of which is provided below:

- Web control and usage policies
- App whitelisting/blacklisting
- Password and encryption enforcement
- Remote wipes and locking
- Mobile device inventory and tracking
- App passwords, and custom application containers
- Wi-Fi, Bluetooth and update control
- App distribution or volume purchasing



Grameenphone Biometric Verification Solution

Solution Features

- The solution provides End to End Connectivity with EC for NID Verification & BTRC (CBVMP) for MSISDN verification against NID
- Analytical Dashboards for near real time graphical representations of all relevant transactions.

Supported Platform

- Android Smart Phone & Tablet
- Windows PC and Laptop
- Finger Print Scanner



Smart City Dhaka North City Corporation

Solution Features

The solution provides full system administrative functionalities, list of which is provided below:

Smart Light

- Automated switching for best usage regulation
- Reduce energy consumption

IP Camera

- Enhanced security and analytics
- Anomaly detection, Crowd monitoring, Illegal Parking, etc.

Smart BIN

- Automated waste management
- Smart notifications



Robi Biometric Verification Solution

Solution Features

The solution provides both front end (Mobile Application) and back-end (Web Application) features to support customer and service center management.

Mobile Application (Android)

Connectivity with EC for NID Verification & BTRC (CBVMP) for MSISDN verification against NID.

Web Application (Back Office)

Analytical dashboard for real time graphical representations of all relevant transactions.



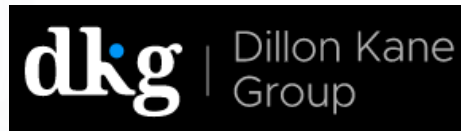
Robi Retailer Single App

Solution Features

- We developed a mobile application where retailers can perform Easy Load Recharge for Robi SIMs and other related functional activities.
- A back-office web application was also developed for Robi to manage all aspects of the application.



Our Clients & Partners



Honorable Mentions





Thank You

Bengal Mobile QA Solution

www.bengalmobileqa.com

Address: 53, Purana Paltan (2nd Floor), Dhaka, 1000, BD

E-mail: websales@bengalmobileqa.com

Phone : +8801911614074.