



Technology & Business Solutions Ltd.

Providing Technology Solution to Business Needs Since 2005

Define-Achieve-Maintain

Software Testing Services

- Enhancing Quality

- Reducing Cost

- Faster Development Cycle

- Faster Release to Market

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Testing



Enhancing Software

- ❖ *Functionality*
- ❖ *Compatibility*
- ❖ *Performance*
- ❖ *Reliability*
- ❖ *Usability*
- ❖ *Security*

About Us

Technology and Business Solutions Ltd. (TBS) is a software solution provider established in 2005, providing **customized software application, quality assurance, testing and in-house products** to the domestic and international markets. Our journey started almost 20 years ago focusing on delivering solutions with the highest quality and standards, and our loyal clients throughout the years is a testimony to our legacy.

TBS collaborates closely with its clients to understand their unique requirements and provides personalized solutions to meet their specific needs. With many years of experience in the software development industry, TBS has established a solid reputation for delivering efficient and effective solutions to its clients.

Quality Assurance and Testing

Our objective is to help clients make their software products more **reliable, fault free and user-friendly**, making it more competitive in the market, resulting in INCREASED revenue and profits.

Our testing services can contribute in bringing software products faster to market, improve quality, and at the same time reduce cost by providing testing services during peak demand and resource constraints during the software development lifecycle.

Our company's team of skilled professionals utilizes the necessary technology, tools and techniques to develop and test software applications, websites, and other digital products, and for this we have a dedicated and qualified Quality Assurance, Testing and Management team that can ensure excellence, quality and sustainability.

Why Us

- ❖ **Over 19+ Years of Software Development and Testing Experience**
- ❖ **Multi-Disciplinary Domain Knowledge**
- ❖ **Personalized Customer Service and Maintenance Support**
- ❖ **Industry and International Standard**
- ❖ **Focus on Quality Assurance & Quality Control**
- ❖ **Experience in Public Sector and Private Sector**
- ❖ **International Outsourcing Experience**

Scope of Service

Functional Testing:	Ensure its front-end and back-end perform as designed, effortlessly, efficiently, consistently, and all features and functionality are fault free.
Integration Testing	Testing the interface between two software units or modules. The purpose of integration testing is to expose faults in the interaction between integrated units.
Compatibility Testing:	Make sure that the software will work seamlessly and flawlessly on the supported hardware, devices and third-party software utilities and tools.
Load Testing:	We push the software to its limits to confirm that it can endure the demands of increasing data, information and end-users for a growing business.
Performance Testing:	Testing process used for testing the speed, response time, stability, reliability, scalability, and resource usage of a software application under a particular workload.
Usability Testing:	Provide feedback and recommendations that the UI/UX is intuitive, user-friendly, visually appealing and aesthetic.
Regression Testing:	Retesting after each iteration of bug fixes and code changes, to validate the absence of errors and faults throughout the software application.
Security Testing:	Evaluating a system, application, or network to identify and address potential vulnerabilities and security weaknesses.

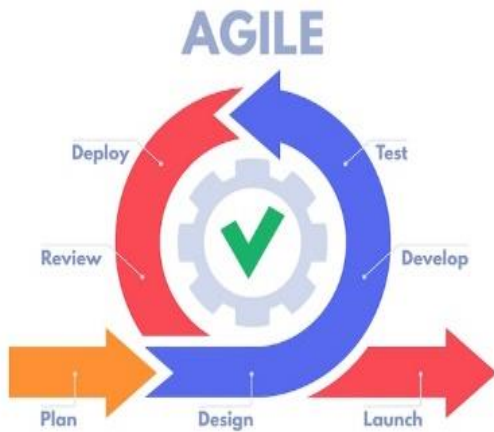
International Outsourcing

Indonesia:	PT Kalventis Sinergi Farma
USA:	Clarus LLC, Clarus Aero LLC



Work Method's, Process And Tools

Our testing methods and processes follow all industry best practices and standards involving among others, the following elements and topics.



- ❖ Agile Testing
- ❖ Risk Assessment
- ❖ Test Plan
- ❖ Test Coverage Analysis
- ❖ Test Case Development
- ❖ Bug Documentation
- ❖ Test Case Execution
- ❖ Bug Prioritization
- ❖ Bug Review Meetings
- ❖ Software Testing Metrics
- ❖ Requirements Traceability Matrix (RTM)

Areas of Work

Our organization has diverse experience in developing and testing software systems in the following areas.

- ❖ Pharmaceutical
- ❖ Accounting and Finance
- ❖ Education
- ❖ Marketing & Sales
- ❖ Communication
- ❖ e-Commerce
- ❖ Quality Control
- ❖ Inventory Management
- ❖ Enterprise Resource Planning
- ❖ Asset Management
- ❖ Social Services
- ❖ Human Resource
- ❖ Aviation
- ❖ Digital Marketing
- ❖ Training
- ❖ Procurement
- ❖ Retail Management
- ❖ Monitoring & Evaluation

Mobile App Testing:

Our Smart devices testing scope spans smart phones, e-readers, tablets, PDAs, notebooks as some of the major categories. With these evolving devices and underlying technology, we strive to bring in our specialized test and domain knowledge to test applications and content on devices.

We specialize specifically in testing applications on Android and iOS devices. We also test for all types of mobile applications - be it native, web or hybrid.



Primary Testing Tools

Our testing uses the following tools as required and scope or work.

Web Automation



Performance Testing:



Mobile Automation:



API Testing:



Security Testing



Defect/Bug Tracking System

JIRA, DMS (Defect Management System, proprietor software developed in-house)

Some of our Testing Projects

C.P. Bangladesh is a multi-national organization in the Agricultural industry including poultry, feed mills, breeder farms, hatcheries, GP farms, CP Five Star, fish feed mills all over the country. Implemented our Human Resource Software (HRCap) managing over 3500 employees throughout the country. C.P. Bangladesh is a sister concern of CP Group (Thailand). In addition, providing long-term technical and maintenance support since 2020. **Primary Testing:** Functional, Useability, Integration **Platform:** Web Application, Mobile App



PT Kalventis Sinergi Farma (Indonesia) is an integrated pharmaceutical company based in Jakarta, Indonesia. Designed and developed their corporate Event and Promotion Management (MarketAct) application The Medical & Regulatory Affairs department interacts with Healthcare Organizations (HCO) and Professionals (HCP) for marketing and captures interactions with HCO and HCP in detail. **Primary Testing:** Functional, Useability, Integration **Platform:** Web Application



Synovia Pharma PLC formerly Sanofi, Bangladesh Ltd (SBL) is an integrated pharmaceutical manufacturing company. Our organization has a long-term partnership with SBL (since 2007) and now Synovia Pharma to collaboratively design and develop software applications in the areas of Sales & Order Analysis, Marketing, Doctor Call Reports, Promo and Sample Management, Procurement, Expense Management, Event Management, Quality Control and other related solutions and workflows. **Primary Testing:** Functional, Useability, Integration **Platform:** Web Application, Mobile App



ASR Group is one of the top retail furnishing entities in Bangladesh having around 25 retail outlets. Designed, developed and implemented a comprehensive ERP system (Acumen) encompassing sales, procurement, inventory, accounting, HR and Payroll, and other modules. Since 2018 or organization has been providing critical operational support to all the retail outlets. **Primary Testing:** Functional, Useability, Integration **Platform:** Web Application



UNICO Hospital is a proposed 250-bed facility for Promotive Medicine, Preventive Medicine, Therapeutic Medicine and Rehabilitative Medicine. Provided Accounting and ERP. Under long term Service Level Agreement since 2020. **Primary Testing:** Functional, Useability, Integration, Security and Performance **Platform:** Web Application



FinCoachBD.com is an e-commerce platform to facilitate potential customers requesting loans and credit cards from banks and financial institution. The platform compares different financial products offered by different financial institutions and eligibility of customer. TBS designed and developed the platform and continues to provide long term technical support. **Primary Testing:** Functional, Useability, Integration, Security and Performance **Platform:** Web Application, Mobile App



AeroTxt is a cross-platform mobile messaging application for Google Android and Apple IOS smartphones and tablets. Features Text, Voice, and Video Streaming, integrated with the Iridium Satellite Communication system.

SAP-212 is an Innovative, compact, versatile, on-board communication gateway plus application hosting solution. SAP-212 is an aeronautical satellite communication system solution, specifically designed for commercial airlines. The solution comprises a hardware unit, the Satcom Applications Platform (SAP-212) and a suite of very innovative software applications services



(USA)

Primary Testing: Functional, Useability, Integration, Security and Performance
Platform: Mobile App, Mobile Devises

Our Team

Our Software testing group is managed and run by a professional having over 30 years' experience in, Software Quality Assurance & Testing, System Analysis and Design, IT Project Management and other IT and software related functions both in the US and Bangladesh.

His past experience includes position as a SQA Engineer at Fidelity Investment (US) and QA consultant at multiple startups in the US. Before moving from the US, he was Director of QA in a technology company. His other position as a senior consultant at IFC a sister concern of the World Bank his responsibility was managing ICT projects in the public sector

Our team consist of a group of dedicated and experienced Testers and SQA Engineers.

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