



DELTA CYBER SECURITY LIMITED

BUSINESS **COMPANY** **PROFILE**

2025

Delta Cyber Security Limited creates innovative software solutions for automation, safety monitoring, and smart technology integration.



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HI THERE!

Delta Cyber Security Limited(DeltaCSL) is a leading technology innovator specializing in cybersecurity, IoT, and software solutions. We develop advanced, secure, and cost-effective systems for smart homes, agriculture, civil engineering, and safety monitoring. Our expertise lies in building intelligent software platforms that integrate hardware, cloud, and AI for real-time solutions, with a mission to deliver reliable, innovative technology that transforms industries, enhances safety, and improves lives.



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ABOUT COMPANY

Delta Cyber Security Limited is a leading technology innovator specializing in cybersecurity, IoT, NFC, AI, and integrated hardware-software development. We design and deliver end-to-end solutions that combine cutting-edge hardware, intelligent software, and secure connectivity to create safer, smarter, and more connected environments.

Our expertise spans a diverse range of industries, including smart homes, industrial automation, agriculture technology, education, government systems, and secure communications. With a strong foundation in patent-backed innovations, we deliver solutions that are secure, scalable, and tailored to meet evolving technology needs.

Driven by a mission to make the digital world safer, we blend innovation, technical excellence, and agile execution to develop complete technology ecosystems. Our approach ensures seamless integration, robust performance, and uncompromising security, enabling businesses, governments, and individuals to operate confidently in an increasingly connected world.

Delta Cyber Security Limited is committed to trust, innovation, and collaboration, building lasting partnerships that transform ideas into impactful realities.





WELCOME MESSAGE

At Delta Cyber Security Limited, we combine innovation and protection to make the digital world safer. We believe IoT, NFC, software, and AI are transforming how we live and work but they also bring new security challenges. Our mission is to create intelligent solutions that keep technology safe, reliable, and effective.

We focus on building complete systems that integrate IoT innovation, NFC security, smart software, and AI-driven protection. By merging advanced hardware with intelligent software, we help businesses, governments, and individuals operate securely in an ever-changing digital landscape.

As leaders, we focus on:

- Driving innovation in IoT, NFC, software, and AI-driven cybersecurity.
- Delivering complete solutions combining hardware, software, cloud, and analytics.
- Ensuring our projects are agile, transparent, and efficient.
- Giving our clients tools and knowledge for proactive security.
- Building lasting partnerships based on trust and innovation.

Together, we are creating a digital future where technology and security work hand in hand.

— S M Asif Anam
System Architect, Delta Cyber Security Limited

OUR VISION

MISSION

At Delta Cyber Security Limited, our mission is to deliver innovative cybersecurity, IoT, software, and AI-driven solutions that protect businesses, governments, and individuals. We focus on creating secure, scalable systems, advancing IoT and NFC security, leveraging AI for proactive threat detection, and empowering clients through knowledge and support building trust in a connected world.

VISION

Our vision is to be the most trusted global partner in secure technology, leading in hardware-software innovation. We aim to pioneer integrated, intelligent systems, advance IoT and AI driven security, set industry benchmarks, and build lasting partnerships shaping a future where technology and security work seamlessly together.



WHO WE ARE

COMPANY

Delta Cyber Security Limited is a technology leader specializing in IoT innovation, NFC security, intelligent software, AI-driven cybersecurity, and integrated hardware development. We deliver end-to-end solutions from concept to deployment that create secure, scalable, and connected environments for businesses, governments, and individuals. Our strength lies in integrating hardware, software, and connectivity to build complete technology ecosystems that inspire trust and drive innovation. Serving clients in Bangladesh and globally, we focus on smart homes, cities, industries, banking, telecom, and enterprise IT.

INDIVIDUAL

S M Asif Anam

- System Architect: Leads secure, scalable system design integrating hardware, software, cloud, and IoT.

Jubaer Hossian

- Head of Development: Oversees high-quality, secure software and hardware development across domains.

Kamruzzam Oli

- Head of Execution: Drives project execution, prototyping, and integration for timely delivery.

AI Amin

- Head of Marketing: Shapes brand strategy and market positioning to strengthen client relationships.

Hossian Ahmed

- Project Advisor: Provides strategic guidance and technical expertise for sustainable innovation.



CORE VALUES

At Delta Cyber Security Limited, our core values guide every aspect of our work, reflecting our commitment to excellence in hardware, software, IoT, NFC security, and AI-driven cybersecurity:

- **Innovation:** Pushing technology boundaries for smarter, safer solutions.
- **Trust:** Building reliability through transparency and proven results.
- **Excellence:** Delivering superior quality and secure systems.
- **Integrity:** Acting with honesty and accountability.
- **Collaboration:** Partnering to create integrated solutions.
- **Client Focus:** Designing with usability, performance, and security in mind.
- **Adaptability:** Evolving to meet new challenges.
- **Sustainability:** Creating efficient, future-ready solutions.
- **Knowledge Sharing:** Empowering teams and clients through learning.
- **Continuous Improvement:** Applying lessons learned to enhance outcomes.

These values ensure we lead in delivering secure, integrated systems for a smarter, connected future.



COMPETITIVE KEY

Delta Cyber Security Limited stands out through innovation, technical expertise, and proven delivery in software, hardware, IoT, NFC, and AI-driven cybersecurity. Our strengths include:

- Patent-Pending **Anti-Cloneable NFC/RFID** Technology for secure identity and access.
- Integrated **IoT Hardware & Software** Solutions from prototyping to cloud deployment.
- **AI-Driven Cybersecurity** Platforms for proactive threat detection.
- Proven Government & Enterprise Projects with measurable impact.
- **End-to-End** Project Delivery ensuring seamless execution.
- **Agile Development Process** for rapid, adaptive delivery.
- Cross-Industry Expertise across **banking, telecom, public sector, and smart systems**.
- Continuous Improvement through lessons learned.
- **Global Collaboration** with leading technology partners and institutions.

These strengths enable us to deliver secure, innovative, and scalable solutions for diverse industries and governments.



HOW WE WORK

At Delta Cyber Security Limited, we follow a structured yet flexible methodology that blends innovation, engineering precision, and agile execution to deliver integrated hardware-software solutions with high performance, reliability, and security.

- **Project Initiation:** Gather requirements, conduct feasibility and risk analysis, and define a system architecture and roadmap.
- **Concept & Prototype:** Develop mockups, wireframes, hardware prototypes, and proof-of-concept for client validation.
- **Agile Development:** Sprint planning, modular development (hardware, software, cloud), CI/CD pipelines, and client reviews.
- **Quality Assurance:** Reliability, security, integration, and compatibility testing.
- **Training & Knowledge Transfer:** End-user training, workshops, and complete documentation.
- **Deployment & Monitoring:** Staged rollout, real-world testing, cloud integration, dashboards, and 24/7 monitoring.
- **Continuous Improvement:** Backlog analysis, performance optimization, upgrades, and SLA-driven support.
- **Lesson-Learned Application:** Incorporating insights to improve future projects.
- **Project Closure:** Final review, documentation, and building long-term client partnerships.



HAPPY CLIENTS



OUR PROJECT

FLS360 Cloud-Based Field Force Locator

FLS360 is an IoT-powered mobile and cloud solution for Microfinance Institutions (MFIs) and cooperatives to monitor field operations, attendance, and performance in real time. It integrates mobile tracking, hardware, and a web dashboard to deliver efficiency, transparency, and security.

Key Features:

- Real-time GPS tracking and offline data capture.
- Automated attendance with location and timestamps.
- Customizable reports, two-way messaging, and admin control.
- Web portal with geo-fencing, analytics, and device integration.

Impact:

FLS360 boosts productivity, optimizes routes, improves compliance, and increases collection efficiency.



OUR PROJECT

Classroom71 Interactive School & College Management System

Classroom71 is a cloud-based school management platform integrating biometric attendance, AI analytics, and IoT modules to streamline academic and administrative workflows. It centralizes data, automates processes, and improves communication among parents, teachers, and management.

Key Features:

- Student information, attendance, grades, and billing management.
- Parent portal with real-time updates and communication tools.
- AI-driven analytics for performance evaluation and alerts.
- Automated attendance, timetable, assessments, and report cards.
- Paperless admission, homework tracking, library, and transport management.

Impact:

Classroom71 enhances school efficiency, reduces administrative workload, and improves the learning experience for students and parents.



OUR PROJECT

Advanced Anti-Cloneable NFC/RFID Card System

Overview:

This patented NFC/RFID security solution is designed to prevent card cloning, a major threat in access control and payment systems. The innovation integrates a special communication chip into both the NFC/RFID card and its reader, ensuring active, secure communication that blocks unauthorized access.

Key Features:

- **Special Communication Chip:** Embedded in both card and reader to manage secure two-way communication.
- **Cloning Prevention:** Blocks unauthorized reading and writing of card data, ensuring complete data integrity.
- **Active Mode Communication:** Extends communication range, increases reliability, and enhances data exchange security.
- **Real-World Testing:** Validated in laboratory and real-life environments for robustness and reliability.

Impact:

The solution addresses a critical gap in NFC/RFID security, offering unprecedented protection for contactless transactions and access control systems. This advancement positions Delta Cyber Security Limited as a leader in NFC/RFID hardware-software security integration.



OUR PROJECT

Real-time construction site safety monitoring system using IoT and mobile platforms.

Introduction:

Construction is one of the most hazardous industries. Current safety monitoring is labor-intensive and often inefficient. This project addresses these issues through automated real-time hazard detection and worker safety alerts.

Key Features:

- Integration with BIM for hazard detection.
- Automatic identification of hazardous zones.
- Real-time alerts to workers entering unsafe areas.
- Mobile app for safety monitoring and reporting.
- Cloud-based dashboard for site managers.
- Offline operation for construction sites with limited connectivity.

Customer Value:

- Reduced accidents and fatalities.
- Continuous, accurate safety monitoring.
- Improved compliance with safety standards.

Impact:

- Pioneering use of IoT & BIM in Bangladesh construction safety.
- Demonstrates safer work environments and efficiency gains.



OUR PROJECT

BIM-based Automated Fire Alert System

Real-time fire detection and alert system integrating BIM and IoT for faster response and improved safety in complex buildings.

Key Features:

- BIM integration for precise fire location visualization.
- IoT-based early smoke and heat detection.
- Automated alerts via SMS to owners, fire services, and control rooms.
- 3D building model display of fire location.
- Mobile access for occupants and managers.

Customer Value:

- Faster fire detection and response.
- Enhanced safety and evacuation efficiency.
- Reduced property damage and fatalities.

Impact:

- First BIM-integrated fire alert system in Bangladesh.
- Improves emergency preparedness and building safety management.



OUR PROJECT

Smart Appliance Control & Energy Monitoring

An IoT-based home automation system for controlling appliances such as fans, lights, ACs, and refrigerators, with real-time electricity usage tracking. Operates both online and offline for uninterrupted performance.

Key Features:

- Universal appliance control (remote and local).
- Real-time energy monitoring and usage history.
- Works online and offline.
- Smart scheduling and automation.
- Mobile and voice assistant integration.

Customer Value:

- Centralized control of all appliances.
- Energy savings and reduced electricity costs.
- Reliable operation even without internet.
- Scalable and future-ready.

Impact:

- Promotes energy efficiency.
- Enhances modern living with smart home convenience.
- Supports sustainable power management.



LESSONS LEARNED

From our portfolio of projects, key insights include

- Integration is essential: **Hardware** + **software** + **IoT** creates higher-value solutions.
- Offline capability matters: Especially for rural and **low-connectivity** environments.
- Security is a priority: Proprietary technology protects data and ensures trust.
- Local R&D drives advantage: Cost efficiency and faster go-to-market speed.
- Cross-sector diversification: Expands market reach and stabilizes revenue streams.

Delta Cyber Security Limited's IT project portfolio spans IoT, AI, and secure hardware systems. We create high-value solutions with measurable impact across industries education, agriculture, civil engineering, smart homes, and secure communication.

Our innovations combine convenience, **cost-efficiency**, **offline reliability**, and **cybersecurity** positioning us as a leader in digital transformation and technology-driven operational excellence.



CORE INDUSTRY EXPERTISE

Smart Home & Building Automation

- Development of smart controllers for lighting, fans, appliances, and energy monitoring.
- IoT platforms with both online and offline operation.
- Integrated mobile and web dashboards for centralized control.

Internet of Things

- Real-time device monitoring and control systems.
- Smart automation for lighting, climate, and energy management.
- AI-driven analytics for predictive maintenance and efficiency optimization.

Software Solutions

- Full-stack IoT system design (hardware, firmware, software, cloud integration).
- Tailored solutions for emerging technology adoption.
- End-to-end prototyping, deployment, and support services.

Industrial & Infrastructure Automation

- IoT-based process control and real-time monitoring solutions.
- Hardware-software integration for manufacturing and infrastructure projects.
- Predictive maintenance and optimization systems.

Cybersecurity & Secure Hardware

- Anti-cloneable NFC/RFID systems for secure access control and payment.
- Embedded security in hardware and software systems.
- Consulting for system security and compliance.

Education & Training Technology

- Development of AI-enhanced school management platforms
- Virtual Reality (VR) applications for engineering visualization and training.
- Smart attendance, performance tracking, and communication systems.



WHY CHOOSE US

Delta Cyber Security Limited stands apart through innovation, reliability, and measurable results. We deliver end-to-end solutions in hardware, software, and IoT with a focus on security, efficiency, and scalability.

Key Reasons to Choose Us:

- Trusted by Governments & Global Enterprises
 - Proven track record delivering secure, high-impact projects across diverse industries.
- Patent-Backed Innovations in Cybersecurity
 - Proprietary technologies, including patent-pending NFC/RFID security solutions, that set new standards for protection.
- Agile & Transparent Delivery
 - Flexible project management with clear communication and on-time delivery.
- Proven Measurable Results & ROI-Driven Approach
 - Solutions designed to deliver tangible business benefits and measurable ROI.
- 24/7 Monitoring & Post-Project Support
 - Ongoing operational support to ensure performance, security, and reliability.



SWOT ANALYSIS

Strengths (Internal Advantages)

- Strong leadership and proven expertise in hardware design, software development, IoT, and cybersecurity.
- Patent-backed innovations enhancing credibility and competitive edge.
- In-house R&D capability across multiple technology domains.
- First-mover advantage in emerging technologies such as VR/AR, IoT automation, and secure hardware.
- Integrated end-to-end hardware-software development capability.

Weaknesses (Internal Challenges)

- High upfront R&D and production costs for hardware-intensive projects.
- Limited brand recognition in emerging markets for certain solutions.
- Dependence on adoption by conservative industries.
- Need for continuous upskilling of specialized technical talent.
- Limited project portfolio in some niche domains.

Opportunities (External Potential)

- Growing demand for smart solutions in industries such as construction, agriculture, and home automation.
- Increased adoption of IoT, AI, and cloud technologies across sectors.
- Government initiatives promoting digital transformation.
- Expanding markets for cybersecurity and immersive technologies (VR/AR).
- Partnerships with academic institutions, industry leaders, and governments.

Threats (External Risks)

- Rapid technological advancements requiring constant innovation.
- Competition from established global players.
- Cybersecurity risks impacting trust in technology solutions.
- Economic fluctuations affecting technology budgets.
- Resistance to change in traditional industries.



TOWS

ANALYSIS

Strategy Type	Strategies
SO (Strengths – Opportunities)	• Leverage patent-backed innovations to capture emerging market demand. • Expand partnerships with academia, government, and industry for joint projects. • Market Delta Cyber Security limited's integrated hardware-software solutions as premium, scalable offerings.
ST (Strengths – Threats)	• Use cybersecurity expertise to differentiate and mitigate industry risks. • Continuously invest in R&D to stay ahead of technology changes. • Build brand trust through transparent operations and proven case studies.
WO (Weaknesses – Opportunities)	• Use government grants and pilot projects to reduce R&D costs. • Build strategic alliances to accelerate brand recognition. • Develop a strong project portfolio showcasing cross-industry success.
WT (Weaknesses – Threats)	• Focus on niche markets to reduce exposure to competition. • Outsource specialized development to control costs and accelerate delivery. • Establish client training programs to reduce adoption resistance.

STRATEGIC DECISION & DIRECTION

Delta Cyber Security limited should leverage its integrated hardware-software expertise and patent-backed innovations to target high-growth sectors like IoT, cybersecurity, and AI.

Key Strategies:

- **Prioritize R&D:** Innovate cost-effectively through partnerships, pilot projects, and selective outsourcing.
- **Expand Partnerships:** Collaborate with universities, governments, and industry leaders to access funding and markets.
- **Target Niche Markets:** Focus on smart homes, industrial IoT, VR/AR, and precision agriculture.
- **Build Trust:** Use transparency, case studies, and strong support to boost adoption and credibility.
- **Mitigate Risks:** Innovate continuously and leverage cybersecurity expertise for competitive advantage.

Overall: Position Delta Cyber Security limited as a leader in secure, scalable hardware-software solutions through innovation, partnerships, and market focus.



GET IN TOUCH

Delta Cyber Security Limited leads in merging hardware innovation, software excellence, and cybersecurity. Our portfolio including smart home automation, IoT, and secure digital platforms meets today's needs while anticipating the future. Through patent-backed innovation, strategic partnerships, and a client-focused approach, we deliver secure, scalable, and future-ready solutions. Our strategy emphasizes R&D growth, strong collaborations, and targeting high-growth markets to sustain innovation and competitive advantage.

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