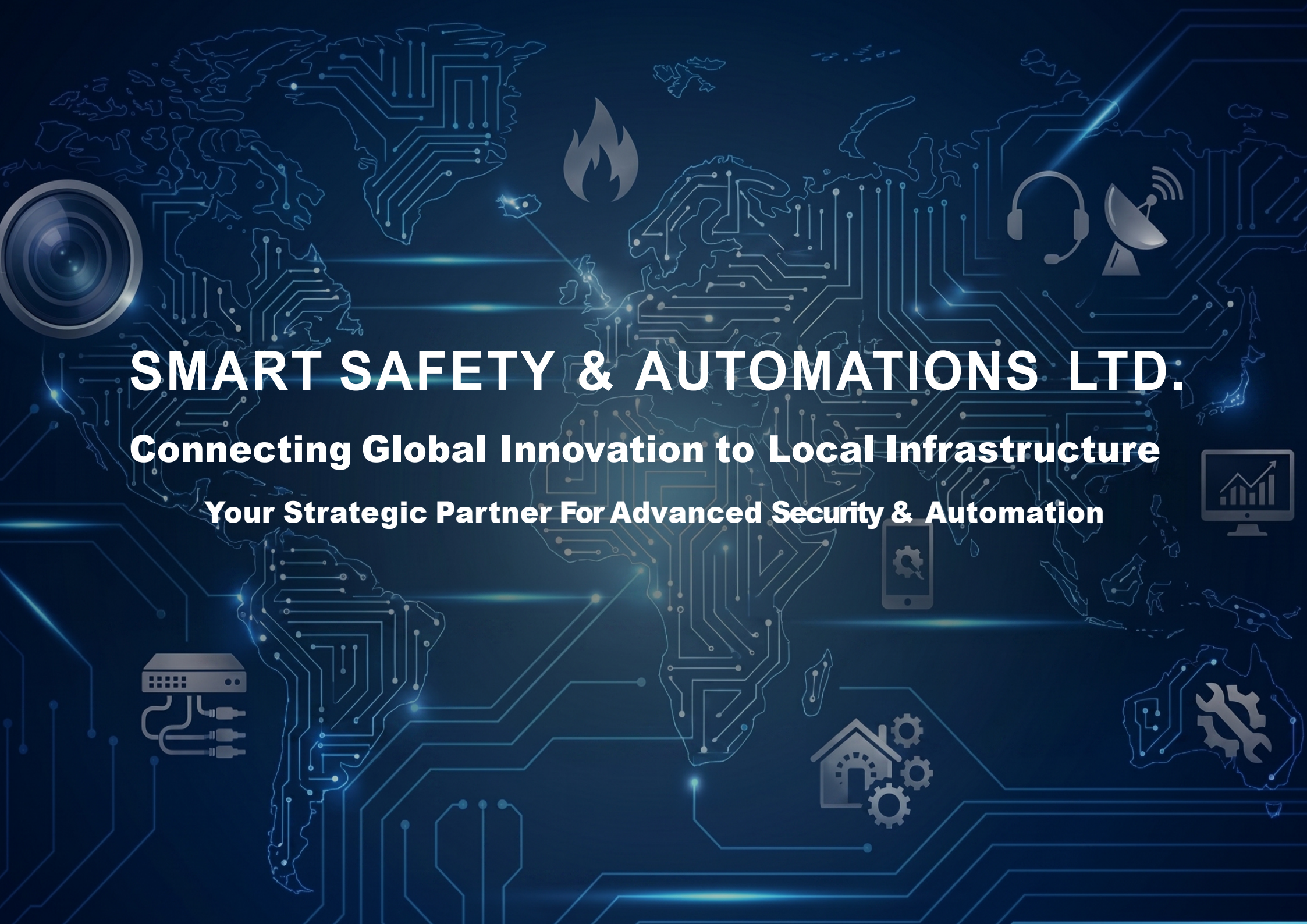




SMART SAFETY & AUTOMATIONS LTD.

Connecting Global Innovation to Local Infrastructure

Your Strategic Partner For Advanced Security & Automation

About Us

Smart Safety & Automations Ltd. is a leading system integrator, partner and authorized distributor of 100+ globally trusted brands. We design, supply, install and provide maintenance support for video surveillance, physical security, fire protection-detection, structured cabling, unified communication, audio visual and automation solution for government and non-government organisations across Bangladesh.

Why Choose SSAL

One Partner, End to End. Full lifecycle accountability — one-stop integrated solution from design to deployment and support, no finger-pointing across vendors.

100+ Global Brands, Zero Vendor Bias. We recommend the best-fit technology according to projects needs and budget.

Certified Engineers, Local Presence. International standards, built for Bangladesh.

Our Core Expertise

- **CCTV & Surveillance System:** Enterprise CCTV, AI video analytics, VMS/CMS and intelligent monitoring.
- **ACS & Physical Security:** Biometric credentials, smart access, turnstiles, barriers and integrated perimeter security controls.
- **Fire Safety Systems:** Fire pumps, hydrant, foam & gas suppression system, fire detection, integrated voice evacuation and VESDA systems.
- **Network Infrastructure:** Structured cabling and modular data center for reliable, high-performance and scalable network foundations.
- **Unified Communication:** IP telephony, video conferencing, wireless radio and nurse call solutions for seamless, resilient real-time Connect.
- **Audio Visual:** Indoor & Outdoor Video walls, interactive signage and commercial displays for high-impact visuals, centralized content control.
- **Automation & IoT Solution:** Integrated BMS, smart lighting, climate control and IoT energy management.
- **Anti-drone Solution:** Drone detection, identification, tracking and mitigation systems for critical and sensitive environments.
- **Autonomous Service Robots:** Autonomous delivery, cleaning, and catering service robots for hospitality, retail and commercial environments.
- **Cash Management Solutions:** 24/7 forex kiosks and full-cycle cash processing systems (counting, sorting, and verification).
- **Engineering & Support:** Site assessments, custom design, installation and 24/7 maintenance contracts.

From site survey to years of trouble-free operation, SSAL enables you to operate securely, efficiently and sustainably.



Solutions We Provide

CCTV & Surveillance System



SSAL delivers intelligent video surveillance solutions powered by high-definition cameras, centralized VMS/CMS platforms and advanced AI-driven analytics. By incorporating automated number plate recognition, high-accuracy facial recognition and intelligent behaviour analysis, our systems enhance situational awareness and enable real-time threat detection. Designed across commercial, industrial, public and residential environments, SSAL ensures reliable monitoring, seamless operational efficiency and proactive risk management.

Our Brands



Access Control & Time Attendance System



SSAL offers advanced access control and time attendance solutions featuring facial recognition, biometric authentication and smart credentials. With keyless entry and real-time monitoring, these systems secure and streamline access management across offices, industrial facilities, commercial buildings and critical infrastructure, ensuring efficiency, safety and complete operational control.

Our Brands



Physical Security System



SSAL deploys integrated physical security solutions including turnstiles, automatic gates, hydraulic bollards, boom barriers, archway - handheld metal detectors & UVSS. These systems strengthen perimeter protection, regulate access and enhance safety across airports, industrial facilities, commercial buildings, and high-security environments through centralized and intelligent entrance security management.

Our Brands



X-Ray Scanning System



SSAL introduces advanced X-ray scanning solutions like baggage scanner, vehicles scanner, and containers scanner, enabling non-intrusive and high-precision inspection. Equipped with high-resolution imaging, these systems detect weapons, explosives and contraband efficiently, enhancing checkpoint security and operational performance across airports, seaports, land ports, government facilities, corporate environments and other high-risk security zones.

Our Brands



Solutions We Provide

Full Body Scanner



SSAL implements advanced full-body scanning systems designed for fast and accurate detection of concealed threats. Using high-resolution imaging and passive detection technologies, these solutions identify metallic and non-metallic objects, contrabands while maintaining user comfort, ensuring effective screening in airports, correctional facilities, government buildings and other sensitive security environments.

Our Brands



Parking Management System

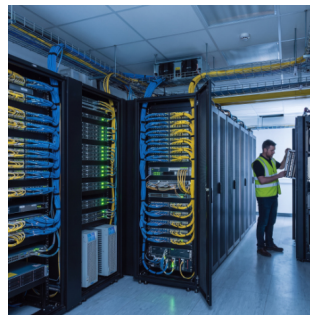


SSAL delivers smart parking management solutions integrating cameras, sensors, and automated access control with real-time guidance and billing. These systems optimize space utilization, improve traffic flow, and enhance user convenience while ensuring security through vehicle monitoring and scanning, making them ideal for airports, shopping malls, hospitals, offices, and smart city applications.

Our Brands



Network Infrastructure Solution



SSAL establishes high-performance network infrastructure through structured cabling and reliable connectivity solutions. Designed for scalability and resilience, these systems support seamless data communication across enterprises, banks, industrial facilities and data centers, providing a strong foundation for efficient digital operations and uninterrupted business continuity.

Our Brands



Modular Data Center Solution



SSAL delivers modular data center solutions including micro data centers and containment systems for indoor and outdoor deployment. Integrating power, cooling, racks, and networking, these scalable solutions enable rapid implementation, flexibility to switch locations, and efficiency, transforming traditional data center infrastructure for enterprises, telecom operators, and financial institutions.

Our Brands



Solutions We Provide

Unified Communication System (UC)



SSAL enables seamless communication through integrated IP telephony, video conferencing, wireless radio and nurse call systems. These solutions enhance collaboration, ensure real-time connectivity and improve operational efficiency across banks, enterprises, healthcare, hospitality, campuses, and industrial sectors, supporting reliable and uninterrupted communication across all operational environments.

Our Brands



Video Wall & Digital Display Solution



SSAL presents advanced video wall and digital display solutions for indoor and outdoor applications. Featuring high-resolution visuals, centralized control and 24/7 reliability, these systems enhance communication, monitoring and advertising across control rooms, corporate spaces, retail environments and public venues with impactful and engaging visual experiences.

Our Brands



Public Announcement (PA) System



SSAL provides analogue and IP-based public address and voice alarm systems with multi-zone broadcasting and emergency integration. These solutions ensure clear, reliable communication for announcements and crisis management, supporting safety and coordination across Conference room, Auditorium, airports, industrial plants, hospitals, campuses, and large public facilities.

Our Brands



Audio Visual (AV) System



SSAL integrates professional audio-visual solutions combining high-quality sound systems, projection technologies, and intelligent control platforms. Designed for clarity and performance, these systems enhance presentations and communication in conference rooms, auditoriums, hotels, multipurpose halls, and entertainment venues, delivering immersive and seamless user experiences.

Our Brands



Solutions We Provide

Building Management System (BMS)



SSAL implements intelligent building management systems integrating HVAC automation, energy monitoring and smart controls. These solutions optimize energy efficiency, enhance occupant comfort and streamline operations, enabling sustainable, smart building environments and supporting the vision of safe and intelligent city infrastructure.

Our Brands



Power Monitoring Expert (PME)



SSAL offers advanced power monitoring solutions providing real-time energy analysis, system diagnostics and performance optimization. These systems enhance operational reliability, reduce energy consumption and support informed decision-making across industries, commercial facilities and data centers, ensuring efficient and sustainable power management.

Our Brands



Home/Office/Hotel Automation Solution



SSAL delivers integrated automation solutions that unify lighting, climate control, curtains, access systems and sensors into a smart ecosystem. These systems provide centralized control, enhance comfort, improve energy efficiency and create personalized environments across residential, commercial and hospitality sectors.

Our Brands



Industry Automation System



SSAL provides advanced industrial automation solutions enabling centralized control of processes using DDC, PLC and SCADA systems. By integrating smart devices and automation technologies, these systems enhance productivity, improve efficiency and ensure operational safety across manufacturing plants and industrial environments.

Our Brands



Solutions We Provide

Intrusion Detection & Alarm System



SSAL deploys advanced intrusion detection systems with multilayered sensors and real-time monitoring capabilities. These solutions ensure instant threat detection, anti-tamper protection and centralized control, securing commercial facilities, financial institutions and critical infrastructure with reliable and intelligent perimeter security.

Our Brands



Fire Detection & Protection



SSAL delivers comprehensive fire safety solutions including fire detection, fire alarms, VESDA, fire hydrants, sprinklers, foam and clean agent suppression systems. These integrated solutions ensure early detection, rapid response and effective fire control, safeguarding lives, assets and infrastructure across financial, commercial, industrial and high-rise environments.

Our Brands



Gas Suppression System

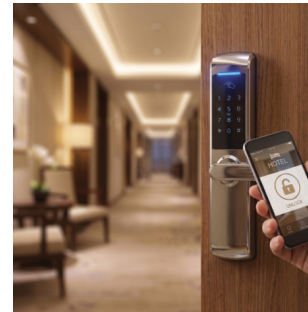


SSAL delivers advanced gas-based fire suppression solutions using clean agents and inert gases. From design and supply to installation, testing and commissioning, we protect mission-critical assets across data centers, telecom, sub-stations, Museum vaults and archives to minimise equipment damage and operational downtime.

Our Brands



Smart Hotel Lock Solution



SSAL delivers smart hotel access and room security solutions designed to enhance guest safety, convenience and operational efficiency. Our portfolio covers smart hotel door locks, RFID and mobile access, centralized management and PMS integration, tailored for hotels, resorts and other hospitality properties.

Our Brands



Solutions We Provide

Foreign Currency Exchange Machine



SSAL provides self-service forex kiosks that allow travelers to exchange 40+ foreign currencies into local BDT instantly, without human intervention. Operating 24/7, these fully customizable machines are ideal for airports, hotels, shopping malls and other high-traffic hubs.

Our Brands



Cash Management Solution



As part of financial management and cash handling solutions, SSAL provides banknote counters, note sorters with advanced counterfeit detection and note binding machines available in desktop and floor-standing models. These solutions serve banks, retail networks, commercial enterprises and cash-intensive institutions.

Our Brands



Smart Retail & Digital Solution



SSAL delivers smart retail and digital solutions that streamline transactions, enhance customer engagement and improve business operations. Our portfolio combines Smart POS, Payment terminals, Digital signage and Intelligent management solutions, tailored for retail, F&B, hospitality and commercial environments.

Our Brands



Advanced Robotics Solutions



SSAL provides autonomous delivery, hotel service, cleaning, disinfection and heavy-duty industrial robots. Our portfolio includes humanoid robots for guest reception, research, commercial services and mobile manipulation and quadruped robots for all-terrain inspection, monitoring, security patrol and hazard detection. These solutions support airports, industrial and power facilities, commercial and hospitality venues as well as academic research and training.

Our Brands



Solutions We Provide

Anti-Drone Solution



SSAL provides comprehensive Anti-Drone (C-UAS) solutions, including fixed, vehicle-mounted and portable detection and neutralization systems for complete airspace protection. These solutions serve critical infrastructure, government and defense facilities, airports, correctional institutions and high-profile public events requiring low-altitude security.

Our Brands

TERJIN AIRCOHN

Mobile Signal Jammer Solution



We provide indoor and outdoor mobile signal jamming solutions, including IMSI catcher-based fixed systems and backpack/portable solution for precise location tracking. These serve prisons, government and defense facilities, corporate boardrooms, exam centers and other sensitive environments requiring communication security.

Our Brands

WIN&SD **WOLVES TEAM**

Survey & Design



At SSAL, we lay the foundation for project success through rigorous site evaluations and precision engineering, translating complex facility requirements into deployment-ready designs. Our technical team conducts detailed on-site surveys, risk analyses and feasibility assessments to identify operational constraints, regulatory requirements and environmental conditions before implementation. By strategically planning hardware placement, network topology and equipment mapping, we develop custom engineering schematics and system architectures optimized for comprehensive coverage, seamless installation, long-term scalability and operational reliability.

Installation Service



At SSAL, our specialist technical teams execute installations with precision, discipline and strict quality control, translating approved system designs into fully integrated, operational solutions. We manage the complete deployment lifecycle—from the professional mounting and wiring of field devices, controllers, network infrastructure and servers per manufacturer guidelines to the seamless integration and custom programming of communication interfaces and software parameters. Through multi-stage diagnostic testing, connectivity verification, and parameter calibration, we validate system responsiveness under real operational conditions, ensuring high reliability, low latency and a smooth final commissioning and handover.

OUR PARTNERS NETWORK



Our Unique Value

Six reasons partners and clients
rely on us

01

28+ Years Group Heritage

Backed by Smart Technologies (BD) Ltd proven track record since 1998 — deep institutional knowledge across all technology domains.

02

End-to-End Solutions

From needs assessment and design to supply, installation, commissioning and post-sales AMC — complete lifecycle management.

03

Premium Brand Portfolio

Authorized Distributor & partner of 80+ world renowned brands including Hikvision, Dahua, Bosch, Honeywell, DSPPA, Logitech, Fanvil, ZKTeco and more.

04

Certified Professionals

Team of certified engineers with international qualifications in networking, security, fire safety, AV and automation systems.

05

Nationwide Service

Active project delivery and service coverage across Bangladesh with rapid response SLAs and 24/7 emergency support.

06

Sector Expertise

Proven deployments across banking, government, education, healthcare, hospitality, industrial and corporate sectors.

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