



Cenmetrix (Pvt) Ltd

38, Fife Road, Colombo 5, Sri Lanka

Registered Office : 18, Eli Bank Road, Colombo 5, Sri Lanka

www.cenmetrix.lk



Associate Companies:

Cenango Financial, LLC - USA

2257 SW 15 ST, #178, Deerfield Beach, FL 33442, USA

Cenango (Pvt) Ltd - Sri Lanka

18, Eli Bank Road, Colombo 5, Sri Lanka

www.cenango.com



Human Talent Management

Subsidiary Company:

Cemex Software (Pvt) Ltd

18, Eli Bank Road, Colombo 5, Sri Lanka

www.cemexHRM.com

Company Auditors:



Brands We Represent:



Vision

We aim to be in the forefront of providing smart and innovative technology solutions and be a global provider for security & RFID based system integrated requirements.

Mission

- To have a firm understanding of client needs supported by advanced technology; to provide solutions that are tailored for individual client requirements.
- We comply by industry standards in development, maintenance and management and our solutions are based on established methods, techniques and models employed by the world's best software developers.
- We aim to provide our customers the most efficient solutions at the highest quality.
- We treat each customer as a long-term partner; as they grow, we grow with them.
- We seek to create an environment that ensures growth, fosters innovation, and motivates our staff to perform their best at all times.

Values

- Win Win Solutions
- Innovative Technology
- Teamwork for Growth
- Trust & Reliability

Our Journey

Cenmetrix Pvt Ltd was set up in Sri Lanka in 2005, at a time when biometric solutions were just beginning to enter regional markets. The Company was the first to offer complete biometric solutions in Sri Lanka including fingerprint technology and software.

Cenmetrix initially operated as a department and later as a subsidiary of Cenango LLC USA/ Sri Lanka, which was founded in 2001 in the USA, which provided biometric solutions to US & Australian clientele.

In Sri Lanka, the technology was slow to gain acceptance. Introducing biometric solutions to a market that was unfamiliar with the technology posed many challenges to the company during the early days, and only a handful of clients were willing to embrace the new technology. The first biometric hardware installation by Cenmetrix was at Attune Lanka in 2005.

Over time, with biometric technology becoming more prevalent, Cenmetrix has secured most of Sri Lanka's top government and private sector establishments. The Company registered Cenmetrix Pvt Ltd in Sri Lanka as an independent business entity in 2010 to serve its 650 local clientele and to offer advanced solutions to future clients as well.



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About Cenmetrix

Cenmetrix Pvt Ltd is one of Sri Lanka's technology pioneers having been the first to introduce total biometric solutions to corporates and government establishments. The Company is an expert in integrated biometric technology and security access control applications which currently secure Sri Lanka's leading conglomerates. The Company's biometric solutions include finger printing, iris recognition, face recognition, as well as advanced solutions in NFC and RFID technology.

With a dedicated research and development team, Cenmetrix is focused on providing its clients with the most advanced biometric solutions supported by extensive research and developed by a team of qualified hardware and software engineers. Cenmetrix is reputed for providing turnkey solutions from system study to the final implementation and training.

Over the years, the integrated solutions offered by Cenmetrix have evolved and extended to software and systems on identity management, AFIS (Automated Fingerprint ID System), Car Park Management, RFID based solutions, vehicle gate barriers, automated turnstiles, smart home solutions and customized mission critical software applications.

Partnered with the world's leading security and technology solution providers, Cenmetrix is the authorized distributor of Suprema Inc. in Sri Lanka and the Maldives, and exclusive distributor for Skidata (SWX 'KUD) parking management solutions, Alien Technology asset tracking solutions, Nedap (AMS: NEDAP) identity management systems, and Samsung Smart Home Solutions. The Company also partners HID Global, Tyco Security Systems and NXP Semiconductors.

With over 650 customers in Sri Lanka and more than 6,000 installations in US and Asia, Cenmetrix has expanded its software solutions to offer cloud based human resource management since 2014, under their subsidiary company Cemex Software Pvt Ltd.



300,000
Employees Using
Our Solutions



6,000
Installations &
Deployments



650
Customers



15+
Years of
Experience

Board of Directors - Cenmetrix Pvt Ltd



Farhard Hussain, B.Sc - Founding Director

With over 20 years of industry experience in information technology and business management, Farhard is a well-respected IT professional having served as an Ex-Co member in many industry associations such as the Federation of IT & Ceylon Chamber of Commerce. With years of international work experience in Florida, USA. He is the founding member of Cenango USA and Cenango Sri Lanka which specializes in software offshore operations for the US market. He is also the co-founder of Cemex Software Solutions Pvt Ltd. Farhard currently serves as Director Abdul Rahims & Brothers Ltd and The Gamini Dissanayake Foundation.

Ziyam Kamil, B.Sc - Founding Director

He is an experienced Director with a demonstrated history of working in the information technology and services industry. He has a B.Sc in Business Administration with focus in Finance and Economics from Clarion University of Pennsylvania. He is an expert in business planning, risk management, business process improvement and financial analysis. Prior to starting the above companies, he worked at USA Futures & Options LLC and Forex Trading LLC as a licensed commodity and forex broker. He is a Founding Director of Cenmetrix (Pvt) Ltd and Co-founder of Cenango (Pvt) Ltd & Cemex (Pvt) Ltd. He is also partner of W.M.Hassims.

Chittananda Kulatilake, B.Sc - Chief Technology Officer/ Director

With over 17 years of experience in information technology and extensive experience in software development and IT research, Chittananda ensures the company's software solutions are in keeping with global standards and of the most advanced technology. He was the first employee to be recruited to Cenmetrix when the company was founded and he also serves on the board of Cemex Software.

Shuaib Hamid Ariff, B.B.A - Non Executive Director

Shuaib is a graduate from the University of Kentucky, USA in finance and marketing and has over 20 years of experience in export-oriented industries and as a commodity broker at Briceley in USA, trading in the New York and Chicago Commodity Exchanges.

Naqeeb Hussain, B.Sc - Non Executive Director

He is a B.Sc graduate in Computer Information Science from the Clarion University of Pennsylvania, USA. He was appointed Trustee of the University by the Governor of the State of Pennsylvania, the first non-American to hold this post in its 165 year history. He is a qualified commodity broker and a foreign exchange trader in USA and has experience as a stock broker and investment analyst in Sri Lanka. Naqeeb is also a Certified ISO 22000 food safety auditor and a trained instructor/trainer for the leisure, healthcare and restaurant sectors. Naqeeb also serves as a Director of Abdul Rahims & Brothers (Pvt) Ltd and as the Director Operations of Cleansol (Pvt.) Ltd, a subsidiary of Abdul Rahims.

Board of Directors - Cemex Pvt Ltd



Farhard Hussain - Director, **Imran Vilcassim** - Non Executive Director, **Chittananda Kulatilake** - Director, **Ziyam Kamil** - Director, **Wellington Perera** - Non Executive Director (Absent)

Cemex Software (Pvt) Ltd is a subsidiary of Cenmetrix (Pvt) Ltd incorporated in February 2014 with its primary focus being the development of Cemex HRM Solutions. Cemex HRM is a cutting-edge HR application encompassing the latest in web technologies including cloud capabilities. Cenmetrix was involved in HR software development for over 7 years prior to the new company being incorporated. With this wealth of experience and industry knowledge, Cenmetrix decided to move away from outdated and less capable windows applications to the newer more powerful cloud based technologies.

Management Team



Vipula Chaminda - General Manager - Operations & Special Projects
Yasanthi Bandara - General Manager - Cemex Software
Imran Ismail - Manager - Finance, Administration & HR
Chittananda Kulatilake - Director/ CTO

Security Access Control Systems

Cenmetrix specializes in a variety of security access control systems that can be tailor made to suit each industry or individual requirements of the clients. These security systems are built with key access areas in mind such as elevator, hotel door, entrance gates and parking spaces.

Elevator Access Control

Restrictive access elevator systems prohibit passengers from entering certain floors. This can be installed into the elevator and connected to an access control reader. This enables users to get into the lift with card or finger print access.

Hotel Door Locks

From the energy saver switch to the room light display panel, hotel door lock devices are built to function using mobile bluetooth for mobile phone access use.

Security Access Control

The multiple types of security access control systems include securing by using Fingerprint, Face Recognition, RFID (Radio Frequency ID), HID (Secure ID Format). We provide the complete security access control system, with electronic locks, emergency key switches, and software reports for management monitoring purposes. Features include anti-pass back, duress alert monitoring and dual fingerprint authentication to restricted areas.

Turnstiles

Turnstiles provide secure restriction and allow monitored restricted movements. A waist height or full length turnstile allows restricted access person by person. This can be connected to a biometric or RFID (short range or long range) to increase security access.

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HID

tyco
Security Products

nedap



MAS Group

MAS Group manages a portfolio of businesses and is positioned as one of the world's most recognized design to delivery solution providers in apparel and textile manufacturing and is also the largest apparel and textile manufacturer in South Asia.

Cenmetrix provided time, attendance and access control solutions for MAS factories in Sri Lanka and 14 factories located globally. Employee will be identified by the fingerprint and then they can see their time and attendance details, obtain payroll slip and other HR related functions are automated through this system.



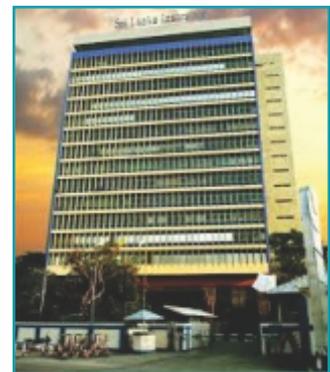
Sri Lanka Insurance Corporation (SLIC)

Sri Lanka Insurance Corporation has the largest insurance customer base in Sri Lanka serviced by over 3000 staff, spanning across 130 branches island-wide. SLIC needed a reliable biometric fingerprint attendance system to monitor their staff's daily attendance and a solution that could connect their wide network of branches to a central database at head office.

Cenmetrix deployed 165 Suprema Biostation fingerprint readers for the head office and branches; and 80 Suprema Bioentry Plus fingerprint readers for security access control purposes. The biometric readers come with an inbuilt RFID card reader, for dual finger print and RFID card authentication purposes. The fingerprint readers in all 130 branches were connected to the head office, allowing real time data to be downloaded for the senior management.



Sri Lanka Insurance Corporation Ltd



Barriers and Parking management

Cenmetrix has been installing efficient barrier and parking management systems for high risers and secure spaces. The Company specializes in barriers and parking management systems offered in partnership with globally renowned technology providers Nedap and Skidata. The company's parking management solutions include smart identification technology that helps identify the driver, vehicle information and manage parking facilities and ticketing systems.

SKIDATA offers a broad spectrum of solutions ranging from standard to customer-specific systems. The smart parking solution will control access and management of parking facilities through the entire facility. It also provides data, and manage reports reliable and useful information to facility manager. SKIDATA solutions include barrier access control, ticketing system and the indoor/ outdoor parking guidance system as well.

Nedap is the leader in automatic vehicle identification for the last 10 years, and offers a variety of readers and tags to identify vehicles and drivers. These are supported by microwave RFID readers with battery supported tags, UHF readers with battery-less RFID tags and license plate recognition readers.

All these systems can easily be connected to any system for access control, parking management and traffic management.





PORT CITY COLOMBO

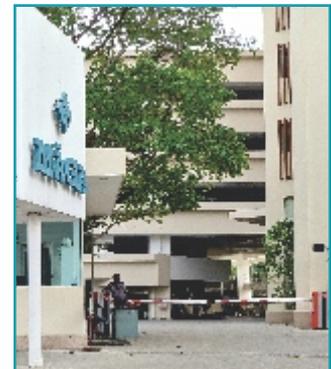
Port city

Cenmetrix was contracted by Xu Hong Construction Company to install automated vehicle gate barriers entering the Colombo Port City. Cenmetrix set up gate barriers accessing the sales building at Port City. The installation includes an automated vehicle gate barrier, it is coated with nano coated anti corrosion paint to protect the barrier from sea breeze and is equipped with LED lights with LED signage to indicate close (Red color X sign) and opening (green arrow sign) allowing safe movement of vehicles at night.



Maga Construction

Cenmetrix supplied and installed the main entrance gate barrier system to MAGA ONE building complex which features an exclusive array of corporate amenities that are designed to international standards. The gate barrier system comprises of a comprehensive security system and monitors vehicular movement. It is equipped with a long range reader based access control solution which identifies the sticker pasted on the windscreen of the authorized vehicles. Once the vehicles are identified, the barrier arm automatically opens allowing the vehicle to enter or exit the premises. In addition, the smart gate system comes with camera fixed at the gate which takes a picture of the vehicle and the driver when the vehicle enters the premises and stores them in the database for reference purposes. The software system further allows vehicle tracking and information storing in both automatic and manual operation.



RFID Asset Management

Cenmetrix is one of the leading RFID technology providers in Sri Lanka especially in asset management and tracking requirements. The company has a range of hardware developed to suite a variety of assets and asset management needs of companies from vehicle tracking to goods tracking.

In addition to regular bar-coding, goods can be tracked using RFID (radio frequency identification) technology from long range readers (10 meters+) to a shorter range readers (few centimeters) based on the type of product you would be tracking.

RFID tags have been designed to meet multiple activities and products, and come in a variety of forms ranging from stickers, metal tags, coils, straps and jewelry tags. The tracking tags can be fixed on office equipment, machinery, animals, hospital patients, laundry items as well as at restaurants and events to track movement of guests. There are handheld RFID readers that could also be used to track moveable assets.

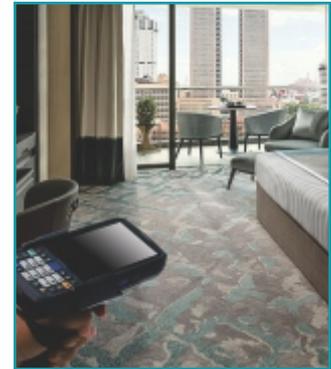
RFID technology offered by Cenmetrix has been custom designed to cater to a variety of requirements in multiple sectors and industries. The RFID tagging systems have been used in transport, logistics, food and beverage, hotel and lesire, restaurant and cafeteria, gem and jewellery, health care and consumer goods sectors.





Shangri la Hotel - Colombo and Hambanthota

Cenmetrix installed RFID tagging on fixed assets at Shangri-La Hotel Colombo and Shangri-La's Hambantota Golf Resort & Spa. The system was integrated with the existing inventory management system of the globally renowned hotel chain which allows RFID tags to be read with the use of a handheld device at a distance of upto 3 meters. Every fixed asset in the inventory is tagged with a unique code, and this makes it easy for the tag reader to activate a magnetic field and locate the object. With this system in place, Shangri-La Hotel employees can instantly identify, track, record and manage information relating to a vast number of fixed assets.



Ceylon Biscuits Limited (CBL)



Ceylon Biscuits Limited (CBL) is one of the fastest growing conglomerates in Sri Lanka that manufactures and markets food such as biscuits, confectionery, cereal, soya based products, organic fruit products.

Cenmetrix was entrusted to install RFID tub tracking solution at CBL main manufacturing plant in Pannipitiya, Sri Lanka. The project demanded a comprehensive, robust and high performing tracking system in a challenging manufacturing condition. Cenmetrix came up with a turnkey RFID solution, including system analysis and feasibility study, system design and specification, full system implementation, training and technical support.



This solution had to monitor the manufacturing process from the point of mixing ingredients to entering the final fermented mixture to production. CBL mainly required the logging times for each bin during the manufacturing process and RFID receivers needed to be installed in 12 locations including conditioning rooms, mixers and dosing points which would cover the whole process. In addition each tub was attached with RFID tags which ensured that tubs stay at a location only for a predefined time limit and if the time limit is exceeded an alarm will be generated. The solution enables CBL to remove a lot of manual work, time wastage as well as the automated process enhances efficiency and high quality of the production line as well.

Software Development

Cenmetrix has a dedicated team of software engineers who develop custom software solutions. Over the years, the company has developed innovative solutions that have set benchmarks in state sector institutions, restaurant and cafeteria sector, banking and finance sector amongst others. In addition to developing custom software solutions, the company specializes in cafeteria management and human resource management software.

Cafeteria Management Systems (CMS) – Cen Café

Ideally suited for companies running an in-house cafeteria, this software is supported by biometric fingerprint system. It simplifies the meal ordering and meal tracking process. The data collected is accurately linked to the employee's payroll, and is readily available for tracking of future order patterns. It helps regularize meals times and monitor shift movements.

AFIS - Automated Fingerprint Identification System

Live scan fingerprinting technology captures fingerprints and palm prints electronically using cutting-edge optical and biometric technologies. Cenmetrix offers a range of live scanners for single, dual, ten-fingerprints and palm print capturing, which are used for law enforcement, border control, national ID as well as for commercial applications such as at banks.

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Parliament of Sri Lanka

Parliamentary Voting System

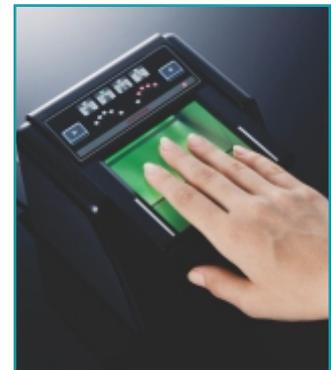
The CenVote application was designed and developed for The Parliament of Sri Lanka allowing parliament members to vote using the fingerprint. All the parliament members' fingerprint templates (maximum up to 5 fingers) will be captured and stored in a centralized SQL Server database. To capture fingerprint templates a USB fingerprint reader will be used. CenVote is a standalone window based desktop application running on .Net Framework and Microsoft SQL Server is used as the database management system.



Foreign Employment Bureau

Automated Fingerprint ID System (AFIS)

Cenmetrix developed Sri Lanka's first AFIS (Automated Fingerprint ID System) called the CenAFIS to match fingerprint of all Sri Lankans employed overseas. Integrated with the AFIS system is a passport scanner which captures details of the person's passport to detect fraudulent passports and blacklisted persons. The central database will allow matching to be done using fingerprints and passports from any of the Sri Lankan embassies located overseas which are running the CenAFIS system



ATG Ceylon (Advanced Technology Gloves)

ATG provides meals to the staff at their glove manufacturing factories and the company wanted to track the meals issued to their staff based on fingerprint identification and validate the employee was actually authorized to claim a meal. With thousands of staff in employment the company couldn't keep track of meals issued but was concerned by many unauthorized meals being issued by the cafeteria staff. This was regularized through the Cencafe solutions which authorized meals and monitored meal issuing.



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Counter Terrorism Equipment

Genmetrix offers a range of counter terrorism equipment as preventive measures for potential security threats, from forced entry of a vehicle into a premise to detecting possible threats being carried by hand. These are installed in high security premises, government institutions, banks, private sector office complexes, hotels and other high risk locations.

Metal detectors - Using advanced electromagnetic compatibility, has high detection sensitivity, strong anti interference ability, and is suitable for safety inspection of dangerous goods and personnel metal scanning in public places.

X-ray baggage scanners - baggage scanners come in non tunnel and tunnel types to suit individual establishment requirements. The non tunnel type allows scanning of baggage and obtaining a report on the spot. The tunnel type baggage scanners offer real time viewing of the scan for explosives and other dangerous goods. This is ideal for mail, small parcels, hand bags and briefcases.

Parking Bollards - These are mostly used to prevent vehicles from entering restricted areas in high security zones or at commercial complexes. These are particularly suitable for the intelligent and automatic control of traffic within residential area as well. With in-built smart technology, they can be controlled remotely, using mobile phone or card readers and are built for maximum resistance to penetration.

FAAC
Simply automatic.



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Smart Homes

Our digital security locks are designed with multiple layers and systems of security features that ensure absolute security for homes and offices. With in-built push/pull, blueooth, biometric verification, double authentication and anti theft technology, this award winning digital lock series from Samsung is ideal for apartment projects and for standalone homes. Most models have the inbuilt key pad access as well.

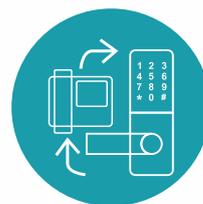
Samsung
SMART Home



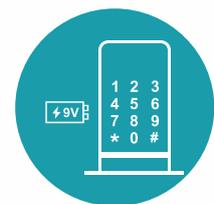
Double
Authentication



Anti-theft
Mode



Interface with
Smart Home



9V Battery
Back-up

Human Resource Management Solutions

Cenmetrix has been offering human resource management solutions for 15 years. Recently the company setup it's specialist HRM subsidiary, Cemex Software Pvt Ltd. The company's HRM services and products include human resource management software as well as related hardware installations.

Human Resources Management (HRM) Software

We provide complete HRM (Human Resources Management) Software Systems, which can be configured to client preferences. Modules include HRIS, time attendance, payroll, leave management, employee self service, performance appraisals, recruitment management, management reports/ KPI analysis.

The HRM system is built on the latest platforms, architectures and Microsoft technologies. The software caters from SMEs to manufacturing sectors and large organizations.

ID Card Printer

Cenmetrix offer ID card printers where staff IDs can be printed as and when the ID card requirement arise. The printer can facilitate employee staff IDs and visitor management system. The printer provides single and double sided card printing and is compatible with regular plastic cards & RFID cards.

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Human Talent Management



Best Western Elyon

CEMEX HRM partnerred with Best Western Elyon Colombo to automate its HR functions to increase productivity and enhance employee experience. The streamlined processes and advanced HRIS feature have helped the hotel drastically reduce the manual work involved. The application comprises HR modules including HRIS, time and attendance, leave management, complex rostering, overtime management, employee self service, and payroll.

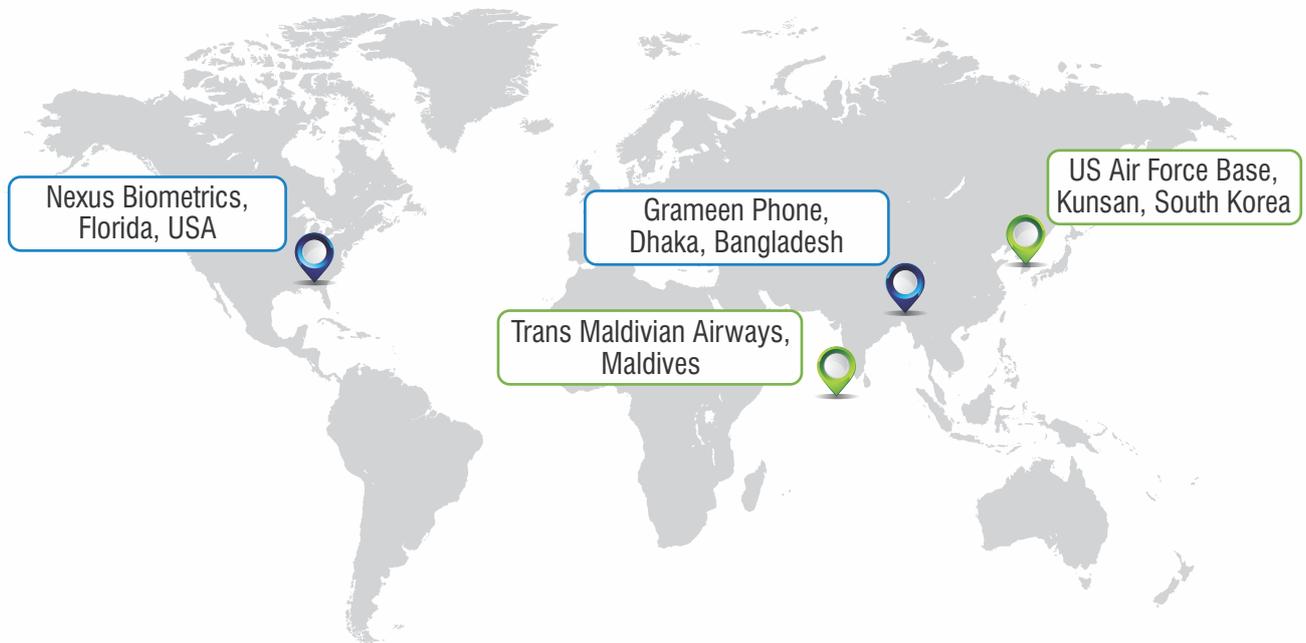


Spar Sri Lanka

Cemex HRM partnered with SPAR Sri Lanka to automate their entire HR process with time & attendance, leave management, HRIS and the CemexHRM mobile for their employees. The fully automated cloud-based solution now enables SPAR Sri Lanka to centrally manage all employee data and HR information, manage attendance, shifts & rosters and allows employees as well as the HR team to easily apply and approve leave through a workflow process. With the use of Cemex HRM mobile app, SPAR employees can now view their leave balances and apply for leave from their mobile phone in addition to marking In and out times with admin approval as well.



Our Global Projects



Trans Maldivian Airways

The project was implemented jointly with Inineonics (Pvt) Ltd - Maldives

Trans Maldivian Airways operation in Maldives the world's largest seaplane fleet. The Airlines wanted to keep a track of the pilot and crew that were getting on board the planes between islands and ensure only assigned crew enter the pre-assigned docks.

The pilot and crew members will go to their respective dock(s) and register themselves at the Bioentry-W reader via finger or RFID card within a given time frame. The fingerprint or RFID card access will be active for the pilot and crew only at the assign dock. This avoids pilots or crew going to the wrong docks.

Corrosion was a concern which caused hardware installed to corrode due to salt water.

The fingerprint with RFID card reader was provided by Suprema Inc. IP65 weather proof rating. In addition, an enclosure was put on the reader giving maximum protection against any possible corrosion.

Cenmetrix developed the software integration platform between the Suprema BioStar software and the Microsoft ERP system to ensure a smooth automated process. The solution provided 55 units of the Suprema Bioentry-W readers covering all the docks.

Our Global Projects

US Air Force Base



USAF 8th Medical Group Squadron – Kunsan, South Korea
Cenmetrix was assigned the task of securing the US Medical Squadron base camp in South Korea using the access control and CCTV surveillance solutions.

CCTV Surveillance Solution

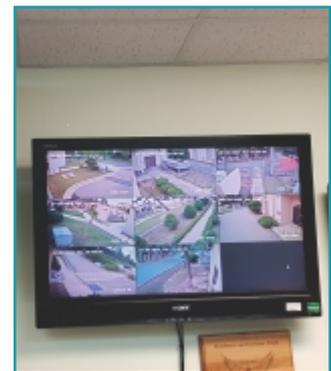
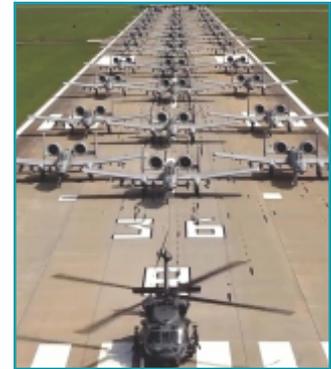
- 32 outdoor CCTV cameras
- Network Video Recorder (NVR)
- Two Control terminals

Outside area of 8 main buildings and all main entry and exit doors are covered with CCTV connected to the Network Video Recorder. NVR is capable of storing more than a month's high quality video recordings. Two live monitoring stations are set up in 2 different buildings.

Access Control Solution

- 180 RFID readers
- Central Access Control Server
- Access Badge/Card Printer

All the main entrances and exit doors of 8 buildings are fixed with access control card readers and electromagnetic locks. Each military staff member is given an access card and assigned specific doors where he or she can open only assigned doors. The system will automatically lock all doors during an alert situation and will automatically open during a fire emergency.



Grameen Bangladesh

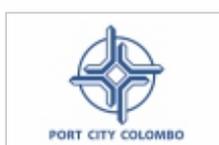


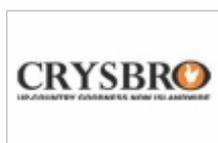
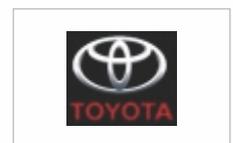
Project was implemented jointly with SMA Engineering Bangladesh. Cenmetrix developed a customized Cafeteria Management Software and Inventory Software System, connecting to HID Omni Key Card readers and a touch screen system for meal ordering. The system is accessed by about 2000 staff during meal times and be able to cater for meetings and events as well.

The inventory management software is able to generate the item master in a structured manner for identifying, receiving, issuing and tracking of materials in multiple Purchase requisitions. Staff will be provided meal coupons only during authorized meal break through the system.



Our Clients





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