



Overview

Safety can be discerned by the protection it implies. But safety also means confidence – the kind of confidence people have at home, work, and leisure knowing that someone is looking out for them. Even in this modern age, safety is still a primary concern.

The devices and the systems necessary to prevent crime against society must be simple-to-use, efficient, reliable and affordable in relation to the value of the risk they guard against. Automatic entry and exit door systems meet these objectives and are an economical alternative or supplement to manned security systems. However, government organizations and corporations around the world are being challenged by existing security systems that are difficult to manage and lack seamless integration.

Seenex offers a one-stop shop for integrated physical security and inspection solutions that address the critical infrastructure security (CIS) needs of its clients in both the homeland and international markets.

Seenex has developed a proven access control security platform that is primarily based on security portal systems and is tightly integrated with a range of technologies. Its access control solutions incorporate the latest high security features while offering aesthetic designs, and can be customized to meet almost any access control and security need.

Seenex customizes its CIS solutions depending on each of its client's security challenges. With its own proprietary technologies and through partnerships with leading security companies, Seenex integrates the following types of technologies with its proven platform:

- Access Control Portal Systems
- Surveillance Systems
- Biometric Technologies
- Explosive/Chemical Detection
- Metal Detection
- Smart Card Technologies

Access Control Portal Systems

At the core of Seenex's security solutions, is its Access Control Portal Systems. These are barriers - enclosed entryways with built-in magnetometers (metal detectors), bullet resistant glass, intercom system, alarms, control consoles and inner and outer doors.

When a person passes through the outer door carrying a weapon (or large metal object), the metal detector reads the weapon and "locks" the inner door. These systems are primary used to prevent armed person(s) and persons carrying unwanted items from entering a facility. However, most security systems such as CCTV (closed circuit television), access control devices, biometric systems, bomb and/or narcotic detection systems, and asset control devices can be integrated within the host portal.

Surveillance Systems

Stimulated not only by the tragic terrorist events of the last decade, but also by improved technology and a reduction in prices, CCTV surveillance systems are common parts of an organization's physical security systems.



These surveillance systems monitor activity in or around a property within an internal network that does not receive an outside signal or feed. Surveillance cameras are placed in strategic locations and either record activity on tape and/or are monitored by a security control center. These systems must be integrated with alarm systems and additional security elements, as well as the appropriate lighting, in order to be effective. There is a need to integrate surveillance systems with secure portals to ensure proper recognition of potential intruders. Seenex's integrated secure portal solution offers this capability.

Biometric Technologies

Biometric identification systems identify a human from a measurement of a physical characteristic or behavioral trait (for example, hand geometry, retinal scan, iris scan, fingerprint patterns, facial characteristics, DNA sequence characteristics, voice prints, and hand written signature) to determine or verify an identity. There is typically an enrollment process in which the biological information is taken and stored in a database for future identification or verification purposes.

Because biometric technology relies on biological information about a person, it is typically thought of as more reliable than other identification methods.

Explosive/Chemical Detection

The numerous bombings of the past decade have heightened our nation's awareness of the need for explosive detection devices. And, the Anthrax attacks of 2001 created significant concern in the area of chemical warfare.

With the increased dedication to protecting both the homeland and international critical infrastructure, there are numerous new technologies on the market for explosive and chemical detection. These technologies are often integrated with access control solutions to prevent individuals with compounds, such as explosives, chemical warfare agents, narcotics, and toxic industrial chemicals from entering a building.

Two types of detection devices are explosive detection systems (EDSs), which are designed to detect large quantities of explosives based on physical dimensions and densities consistent with explosive materials; and explosive trace detectors (ETDs), which are used to detect vapor or particles of explosives.

Most trace detectors today are ion mobile spectrometers (IMSSs), which identify chemicals by ionizing the target molecules in the sample and then passing them through a drift space, where they are divided based on their mobility.

It is believed that Mass Spectrometry (MS) will be more widely used in the near future as it has the capability to more quickly diagnose potential threats than other types of detection technologies on the market. Seenex is working with its partners to fully integrate MS capabilities in its offering.

Metal Detection

Walk-through metal detectors are one of the most common forms of contraband detection devices used at public facilities. Metal detectors are often found in the entranceways of government buildings, in airports, and more and more in our nation's schools.

The more advanced metal detection technologies are able to discriminate between weapons and other innocuous metal objects, such as keys, coins, etc. Seenex offers integrated metal detection capabilities at this time and has field proven solutions in place to offer its clients this capability.



Smart Card Technologies

Identity is quickly becoming both a key asset and liability as the global marketplace becomes more accessible through technological innovation. Whether regarding personal or professional business, people leverage their identity to conduct transactions, access privileges, and obtain information.

To access these rights, credentials are used to prove identity. Credentials in turn become the concern of all entities through which transactions, privilege granting, and information occur. These entities include governments, law enforcement agencies, businesses, associations, and individuals, who have the added responsibility of enhancing security, reducing identity theft, and protecting personal privacy. Therefore, in order to conduct business and create the right circumstances for a safe and secure environment, these entities must be able to validate an identity by answering these questions: is the credential authentic and is the person holding that credential uniquely tied to and authorized to use that credential?

Often these credentials come in the form of smart card technology. A smart card is a plastic device, about the size of a credit card that has a built-in computer chip that is typically used to store personal information, hold digital cash, or prove identity.

Seenex Services Group

Whether working directly with customers or functioning as subject matter experts on systems integration teams, Seenex Services Group has extensive experience implementing integrated security solutions built on secure portal systems.

Seenex's professional services include program management, solution design, installation and integration, training, and maintenance and support.

As a total solutions provider for security access systems, Seenex focuses on its individual customers' security needs and partners with them to ensure 100% confidence in the security of their facility.