

Access Control – trends

Looks Do Matter

Smart Technology also needs to be Elegant



Biometrics has always been associated with security alone and therefore, the products that were built for physical or logical access control have not focused on design and usability.

The Industry is seeing a significant change in the form factor and design of access control systems. This has become necessary with the use of such systems across the Enterprise and smart homes.

The access control system has to look smart and yet be effective.

As new laws, industry regulations, government mandates and increased client awareness continue to fuel the demand for and acceptance of entrance control equipment, these systems, are now becoming a necessity. **As demand for bio-metric security systems increases, integrators and manufacturers are improving designs to ensure that this vital component of a property's access and protection system blends with the design and layout of the property and is yet just as functional.** Manufacturers are now more aware of the need for products that are ergonomic, well designed, look nice and fit the décor. Whether it is a business, an office, a manufacturing plant or a home, **the trend is to ensure that smart technology is also elegant.** The devices need to be aesthetically pleasing and designed to fit seamlessly in the environments in which they are installed.

Perimeter Fencing

Chain link, wood, and wrought iron are among the most common fencing materials. Each has its own appearance, from simple chain link to elegant wrought iron, with wood taking the middle ground. Despite their different appearances, these fencing systems tend to stand out, sending a clear,

somewhat harsh message: Keep out. **The trend is to view the design from an artistic perspective to create a fencing system that blends into its environment yet provides security.**

DFMD, Turnstiles and Bio-metric systems

DFMD - The search coil & control modules are housed in aesthetically designed door frames which easily merge with the surrounding decor.



Turnstiles - Newer, more pleasing designs have been introduced. **Traditional welded steel or three-arm 'tripod' turnstiles have given way to aesthetically improved designs that are also practical.**

Turnstile manufacturers are offering barrier-free optical turnstiles, drop-arm optical turnstiles, retractable wing optical turnstiles, and full panel optical turnstiles. Optical turnstiles, while different in appearance and operation, provide the same functionality as traditional turnstiles. When used with an access control system, they can eliminate or detect tailgating, and ensure that only one person per activation passes through the lane.

Turnstile manufacturers are now providing more creative and attractive designs. In addition to stainless steel and powder coated finishes, facilities can select turnstiles with wooden cabinets or brass finish.



Bio-metric Access control systems - Biometrics, until the recent past, did not focus on design and usability. Biometrics is now widely accepted, not only across the Enterprise but also in Smart Homes.



This rapidly growing trend of using of Bio-metrics across Enterprises and Smart Homes has forced manufacturers to produce ergonomic, well designed systems that meet the functionality and look nice and fit the decor.

Conclusion

- **Bio-metric access control systems are widely deployed not only across the Enterprise but also in Residential complexes and Smart Homes.**
- **These systems have to blend with the environment and not stand out like a sore thumb.**
- **Manufacturers are now providing more creative and attractive designs without compromising on functionality.**
- **Smart technology needs to be elegant.**



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