SAFEGUARDING, BUILDING CONTROL AND MONITORING

TouchStar solutions are in use in education establishments such as schools, colleges and universities, where they provide security, access control and resident and staff management.

Our success is built on ensuring all our clients overcome the complex challenges that the education sector faces. Take for example universities where teaching faculties and research units needs to be managed according to the different areas student, staff and visitors are allowed to access to through to the security of accommodation.

Understanding this, TouchStar has always played a key role in hardware that sits at the edge of its customers' core business. Today, our Access Control devices are literally at the perimeter of our customers' organisations, be they a school on a single site or a multi-campus college. They are used to both control the comings and goings of people, whilst our Time & Attendance terminals captures useful information related to productivity, such as the beginnings and endings of activities.

Information from these devices is fed into enterprise systems that control payroll and billing, providing feedback on organisational effectiveness.

ACCESS CONTROL

Our expertise in access control solutions spans over four decades, in which time we have helped numerous education providers control the access rights of all variety of roles from administrative staff, and catering and retail suppliers, through teaching teams and visiting lecturers, to research scientists and students, using a mix of technologies including door systems, car park barriers, gates and turnstiles.

We also provide software modules for Visitor Management and Badge Production, whilst being able to integrate with CCTV and Fire Alarm systems. We pride ourselves on supplying a complete solution from on-site consultancy, through installation and commissioning to maintenance and support.

At the heart of our offering is our sophisticated and feature-rich **'MicroTrak Evolution' software**. 'Microtrak Evolution' software is an integrated access control solution that has been designed to satisfy the complex security needs of the most demanding organisations, yet places control in the hands of the user. The system is easy to use and understand, with clear screens and a logical format.

THE ACCESS CONTROL APPLICATION CONSISTS OF 7 CORE SECTIONS:

- User Management
- Facilities Management
- Personnel Management
- Reports Management
- Real Time Monitoring
- Visitor Management
- Badge Production

The modules (above in panel) enable the system user(s) to organise, define and manage all aspects of access control across either single or multiple sites. So whether you need to manage complex staff access rights to match flexible working patterns that pastoral student care calls for, or simply need to provide interim access to visiting PhD research students, or give facility contractors the use of the car parks, it can all be achieved with minimum effort.

'Evolution' sets new standards by providing a complete and integrated approach to the access control security issues that exist today and is designed to meet the demands of tomorrow too. It's capable of integrating with **ievo's** biometric reader solution, **Salto's** complete range of wire free solutions, and hardware from our partners **Abloy**, FAAC and IDL including our own range of bespoke readers. Evolution offers the best overall solution to your access control requirements.

THE BENEFITS ARE EXTENSIVE:

- Differentiate easily who has access and when to such different places as offices, residences, laboratories, libraries, athletic and cultural facilities, common areas, etc.

- Distinguish access not just by physical location but also duration, easily managing access for short-term guests, i.e., conference attendees, contract and temporary workers, as well as staff and students.

- Integration of access control along with other campus services i.e., cashless vending, canteens, library systems, transportation on one credential.

- Flexibility of system lets you change access plans easily thereby facilitating the individual programming of certain installations for conferences, sport and cultural events, etc.

- In emergency situations, local lockdown feature allows authorised users to put electronic locks into stand-alone lockdown mode.

- Badge Production.

TIME & ATTENDANCE

There's no doubt that managing your team and their various working environments efficiently can significantly improve your operating costs. Implementing TouchStar Time & Attendance hardware and taking advantage of the vast range of software our partners can supply will help you transform how you manage your employee working hours.

We can help reduce administration paperwork and wasted time by capturing critical data automatically and ensuring that data is instantly available and visible to senior management.

KEY BENEFITS OF OUR PARTNERS' SOFTWARE WHEN USED WITH OUR HARDWARE

The benefits derived from the adoption of an automated Time & Attendance system will vary depending on your organisation's precise working patterns. However, typical benefits include:

- **Simplified creation of schedules –**
  The TouchStar Time & Attendance system can be configured and adapted to reflect specific working practices, flexi-time, shift work and holidays.

- **Compliance with employment & workplace legislation –**
  An automated time and attendance system will help ensure that workers' schedules conform to legislation relating to permitted working hours and compulsory break times for example.

- **Integration with other core business systems for example HR and payroll systems –**
  Data can be exported direct to other business systems, eliminating the potential for error caused by data double entry.

- **Reduce absenteeism and improve punctuality –**
  Quantitative real-time data ensures problem areas and absences are readily identified, allowing appropriate action to be taken before the situation gets out of hand or becomes a repeat pattern.

WHAT TIME & ATTENDANCE SOLUTIONS DO WE OFFER OUR CLIENTS?

We are guided by our customers so how we work together is determined by your needs.

Our current range comprises:

- In-house manufactured Time & Attendance terminals with Ethernet, PoE, or SIM connectivity.

- A choice of input options including fingerprint, iButton, Mifare, proximity, barcode and magstripe.

The third party technologies we incorporate are from industry leading specialists such as:

- **Cloud-based technology –** FastLane & FastConnect are M2M device management software & hardware components that help developers, value added partners and end users fully manage "edge" devices using mobile data across a secure M2M network.

- **Communication software –** our software enables communication with all types of terminals if they are using our FAMS or IP protocols. It ensures the configuration is up-to-date, synchronises the time and date with the server and collects real time data when it is entered at the terminal.

- All required peripheral equipment for example desktop readers, CCD & barcode scanners that might be used to check in stock, and keep an audit trail of high value items for example.

CCTV

The use of CCTV cameras makes society a safer place to live and work. The CCTV cameras we provide are of a very high quality to ensure maximum image definition in all lighting conditions so they are ideal for keeping children safe during the day and monitoring school grounds at night to detect vandalism.

We offer colour or monochrome formats with fitted low light sensitivity auto iris lenses, which automatically compensate for changing light levels, providing high quality, optimal definition pictures both day and night.

We make it our priority to provide technology that makes your people and students feel safe, and protect your premises and equipment. We do this by meeting your surveillance requirements after an onsite consultation and propose the best solution for your needs, all with a keen eye for attention to detail.

TouchStar installs cameras in all types of education environments all of which capture and store information.

Our systems have the ability to operate as stand-alone CCTV or integrate into other security systems. A full system configuration could, for example, incorporate remotely-monitored systems that use alarm management, remote access control, lone worker monitoring, and even live audio warning systems using network, ADSL and 3G transmission.

FEATURES

- Instant playback options
- Remote connection
- Round the clock monitoring of remote sites
- Zoom functions to focus in on suspicious activity
- Simultaneous multiple views
- Uninterrupted transmission to monitoring centres regardless of distance, weather or environment
- Fully scalable, from stand-alone configuration to fully integrated remote CCTV-Access Control
- Analytics

TouchStar's flexible approach to installations and solution design means we can adapt to the circumstances in which you operate.

As an independent company we have the edge over our competitors as we are not tied to specific manufacturers. We source the right equipment and CCTV system for your needs providing complete peace of mind.

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