



Logistics Use Case:

Leading Supply Chain Service Provider



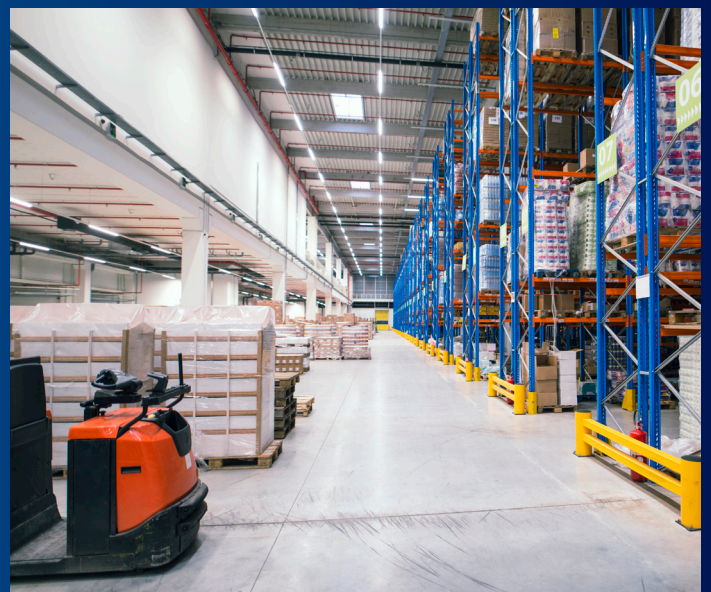
The Company

A global company that leads the market in the provision of logistics-oriented services.

Business Profile

The market leading provider designs and implements standard and bespoke supply chain solutions that both simplifies and reduces costs for their end users. Their services cover intelligent logistics, omni-channel solutions and global logistics.

With group headquarters in the North of England, they operate a strong global network with a number of wholly owned warehouse facilities and partnerships in key global markets.



The Role of Technology

Technology is at the very heart of this supply chain business and a cornerstone of their business success. With an in house software development team, they have developed award winning systems that provide their own end users with real time control and visibility of their entire supply chain, from monitoring of stock at source and to destination, to vendor management tools that monitor supplier performance.

The internal focus on IT has also extended to their own internal operational requirement. When the company was considering solutions for employee management and the control of the workplace environment it adopted an overtly technology-led approach, reaching out to Uckfield-based Touchstar ATC for advice, procurement and implementation.

The Challenge

A decision was made to implement brand new solutions to manage access control and attendance monitoring issues within all of the UK based sites.

The requirement was for an access control system that was both secure and flexible. In common with many warehouse operations, the system was required to facilitate different access rights for different departments, for example in reception, office areas and the actual warehouse floor itself. Additional storage areas were in multi-site buildings, remote from each another. Temporary access for visitors, or agency workers, also needed to be controlled.

Shift work involved significant numbers of staff entering and exiting at different times of the day and night, as shifts change. So, the access control system needed to work quickly and flawlessly.



The Solution

Touchstar installed its Microtrak Evolution Software, a modular based access control system designed to meet the needs of businesses of all sizes. Microtrak Evolution put the power of control in the hands of the user, with clear, simple to use screens that provided an intuitive understanding of the application.

The system is designed around the IP addressable Door Controller, which plugs directly into the company's existing TCP/IP network. The Evolution software communicates with the controller via a LAN or WAN. This method of door connectivity provides a modular and competitively priced solution.

As an additional component within the upgrade, Touchstar installed new RX4 Proximity readers. The ELITE series RX4 mullion style reader is suitable for surface mounting to most plain wall finishes and is quick and easy to install. It is designed for the most demanding access control applications.

The RX4 is capable of reading standard Clock/Data and Weigand. The reader features an RGB LED with which allows each door to be set with a colour coded access level.

TouchStar also installed its Evolution Door Controllers. These universal door controllers are housed in metal cases with integral PSU and battery back-ups as standard.

The entire access control system integrates seamlessly with the company's HR and payroll software. The system also connects effortlessly with Touchstar-supplied time and attendance hardware.

The Outcome

The system enabled the company with enhanced operational efficiency achieved via the adoption of the proximity system. Off the back of the success a decision was made to roll out the system to other, similar, facilities in the UK.

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The Benefits

installed its Microtrak Evolution Software, a modular based access con

- **The company can monitor movements of different groups of users within and across the individual areas of the warehouse facility, such as reception areas, goods in & storage areas, individual offices, floors and buildings, which maximises security in an unobtrusive way.**
- **Protect against theft by using systems to extend security and audit trail information to access points throughout the warehouse.**
- **Efficient handling of high traffic shift changes. Reliable proximity technology means credentials are read quickly and seamlessly so entry/exit bottlenecks are avoided.**
- **Reduce Absenteeism and improve punctuality - Quantitative real-time data ensures problem areas and absence incidents are readily identified, allowing appropriate action before the situation gets out of hand or becomes a repeat pattern.**
- **Compliance with Employment & Workplace Legislation - the automated time and attendance system helps ensure that workers' schedules conform to Legislation relating to permitted working hours, compulsory break times etc.**
- **Integration with the company's other core business systems (e.g. HR and Payroll systems) - Data is exported direct to the other business systems, eliminating the potential for error caused by data double entry.**