

Entrance Control



Overview

TransitionWorks Software's Entrance Control solution is distinctive because of its ability to easily integrate with virtually any of the compatible technologies necessary for entrance control, reaching far beyond just operating the gate. TransitionWorks' Entrance Control provides you the flexibility and security you need to automate vehicle entry via controlled access points.

Key Benefits

- Automates restricted access
- Create special entrance schedules for individual users or user groups
- Create special entrance schedules for holidays, weekends, off seasons, etc.
- Obtain a complete overview of site access history
- Streamline your on-site logistics processes to reduce costs
- Internet based remote control and monitoring for authorized users

TransitionWorks for Entrance Control

TransitionWorks' Entrance Control is designed to support single or multiple entrances and can be easily integrated with video surveillance, payment systems and back-office systems. Other features include, but are not limited to:

Self Registration Portal

- Entrance users create their profiles and register all vehicles online
- Entrance pass requests are queued and can be re-sorted using a variety of criteria to facilitate issuing passes

Customizable System event notifications

- Allows administrative users to subscribe to system events
- Choice of notification types (i.e. email, online notifications, etc.)

RFID tags are mounted on either the windshield of a user's vehicle, license plate, or their ID Badge. The RFID tag contains a unique serial number registered to the designated vehicle/user. The RFID transmitter, mounted beside the entrance, activates the tag and the unique serial number is transmitted back to the receiver whenever a vehicle approaches or a user presents their ID Badge at an RFID controlled entrance. The system checks the entrance schedule to verify that this user is authorized to enter during this time of the day. If the user is authorized, access is granted.



All entrance events are captured and stored in the Entrance Control System. Reports can be created for specific time periods, user types, entrance events, etc. Reports can be obtained both online and/or printed and can be exported to Microsoft Excel for further analysis. If desired, history data can be integrated to other reporting software, such as Crystal Reports.

Entrance Events include:

- RFID entrance tag detections
- Vehicle presence detections
- Gate Openings
- Gate Closings
- Gate operating mode changes (i.e. RFID Control, Manual, Auto open, etc.)
- Unauthorized entry attempts
- Manual Gate operations
- System faults (i.e. network or hardware failures)

If integrated with a video surveillance system, entrance events also trigger a time stamp in the video record to allow quick finding and reviewing within the recorded video.

About TransitionWorks Software

TransitionWorks Software is dedicated to helping our customers improve efficiencies and simplify business processes. Since product inception in 1997, our TransitionWorks Software organization has accomplished this goal by iteratively developing, delivering and supporting a set of solutions that help manufacturing/distribution companies simplify and automate key supply chain processes using many forms of Automated Identification and Data Capture (AIDC) technologies including RFID, barcodes, sensor technology, and PLC's. With proven, successful implementations world-wide, TransitionWorks' premier solutions are the system of choice for many leading companies in the world.

Click here to see TransitionWorks Entrance Control solution at the Grand Canyon. Or for more information or a demo email info@transitionworkssoftware.com or give us a call at (336)-885-1373.