

TRANSCORE

**FLEET ASSET
MANAGEMENT**
SMARTWATCH™
ACCESS

TRANSCORE

Asset management and efficient equipment utilization is the lifeblood of any fleet operation. The success of your company depends on it. So imagine having the capability to “see” all of your vehicles, tractors, and trailers in real time. You would know the exact inventory of equipment, when that equipment arrived or departed, and what equipment remained in the yard. You could check a vehicle’s history over the last six months and find out how many days it was earning revenue versus sitting idle. Now you can see all of that and more with the SmartWatch Access system from TransCore.



SMARTWATCH™ ACCESS

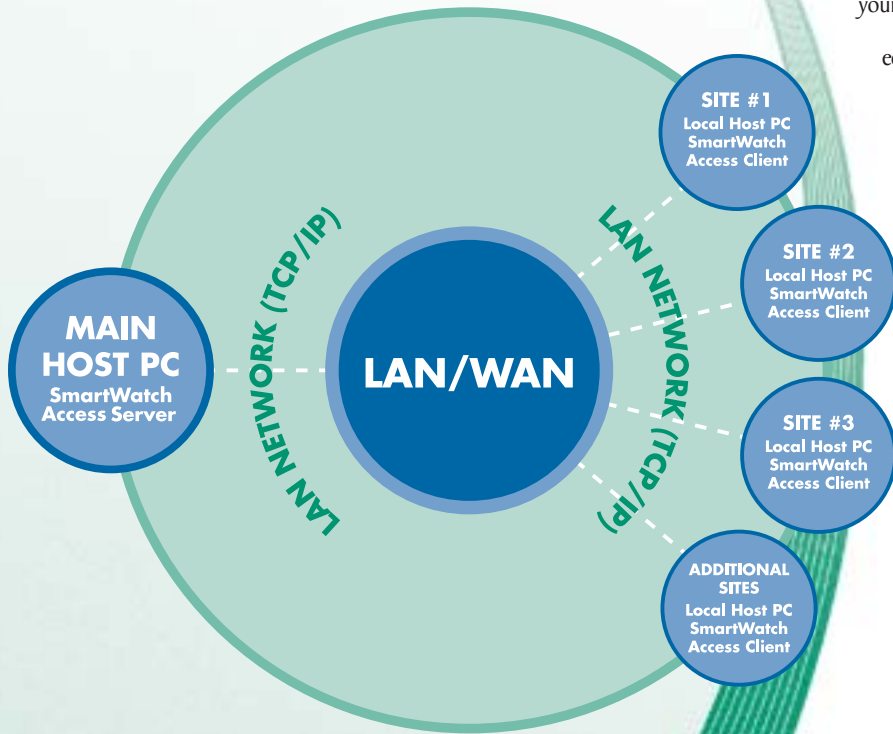
As an essential part of our total fleet management solution, the SmartWatch Access system operates in conjunction with radio frequency identification (RFID) tags and readers to record the passage of tagged vehicles entering or leaving each reader-equipped location in all of your facilities. Because the system operates automatically, the SmartWatch Access application continuously monitors readers, captures data, validates tags, opens gates, and updates the equipment activity database. The system also enhances terminal security



by controlling inbound and outbound gate operations. Properly configured, this application can thwart thieves attempting to drive vehicles into or out of your locations. This feature is especially important with today’s emphasis on security.

With SmartWatch Access automatically monitoring the movement of your fleet, you eliminate human error while reducing the time and labor spent on gate and yard security, data entry, and equipment inventory. Using real-time updates of your inventory database increases dispatch accuracy and decreases gate queue time.

This means faster throughput, lower fuel consumption,



increased productivity, and less idling and wait time for drivers. With real-time visibility of your assets, you can better utilize your equipment inventory, enhance customer service levels, and make better-informed equipment purchase decisions. The results are more efficient asset management for your business and more productive operations for your bottom line.

SMARTWATCH ACCESS CLIENT

SmartWatch Access Client is designed to handle a single yard or terminal location, and yet is scalable to handle hundreds of locations nationwide. You can start with our SmartWatch Access Client operating in standalone mode for independent operation at a yard location and later expand your operation with multiple SmartWatch Access Client yard locations, which are managed by our SmartWatch Access Server program operating from one central location.

The software is also fully compatible with all of TransCore's RFID tags including the innovative AT5770 odometer tag. This tag combines the benefits of the automatic identification of transportation equipment with

the automatic collection of vehicle mileage as well. This information is captured by inbound and outbound terminal readers, and then recorded and archived by the SmartWatch Access system.

Only TransCore offers you the knowledge and innovation gained from tracking millions of vehicles with our proven RFID-based automatic equipment identification (AEI) turnkey solutions. Unlike vendors that offer partial hardware solutions, TransCore provides complete RFID-based hardware and software solutions that can increase your profits, whether your business has one or hundreds of terminal locations.

SMARTWATCH ACCESS SERVER

Applications with multiple terminal locations can be centrally managed using the SmartWatch Access Server software program. The host server automatically collects gate activity from all client locations for input into a central transaction database. Each SmartWatch Access Client database is automatically updated with asset validation changes.

FEATURES	BENEFITS
Accurate asset, gate, and equipment tracking data captured automatically	Enhanced utilization of transportation equipment, real-time equipment availability, and shipment arrival information
Continues to operate locally even when the local area network (LAN) is down: logs all gate activity, validates asset tags, and opens gates; when the LAN is back up, all activity is uploaded to SmartWatch Access Server	Extremely reliable with no downtime due to connectivity problems
Continuously monitors readers, validates tags, opens gates, and updates activity database	Improves productivity and reduces costs by eliminating manual checks and data entry tasks
Seven days a week, 24 hours a day, 99.9 percent accurate, hands-free management	Eliminates error-prone, manual data entry by collecting real-time and historical information automatically
Gate activity captured in a local database for standardized and custom reports	Allows local analysis for more effective asset management and enhanced preventive maintenance programs
Automatic activation or manual user activation by relay control of gates, signal lights, alarms, fuel pump, wash bay, and more	Enhances terminal and equipment security; expandable to automate many labor-intensive manual operations
Allows manual gate access to non-asset (untagged) vehicles stored in the activity database	Security can track all vehicles (tagged and untagged) that gained access to the facility
Manages up to eight readers from a single location	Extremely adaptable to support terminal system/application requirements
Standalone mode allows SmartWatch Client to become its own server (does not require the SmartWatch Access Server program)	Cost effective for small businesses
Captures a wide array of data such as date, time, location, reader ID, vehicle mileage (with AT5770 odometer tag), and asset ID type	Provides critical data for local asset utilization and management
Windows operating systems (Win 98, ME, NT, and Win 2000)	Utilizes existing software platform

FEATURES	BENEFITS
Manages multiple remote Client locations from a single host PC server	Secure and easy to maintain system-wide database synchronization
Central database collects gate activity events from remote Client sites	Management has global, real-time access to gate activity
Central master asset validation database maintenance is performed at the server and automatically updates all Client databases	Secure central asset database maintenance
Global reports for all asset movements	Provides critical data for more effective asset utilization and management companywide
Uses existing WAN/LAN with TCP/IP	Cost-effective implementation



SmartWatch Access software may start with asset management in a single location and, as your operation grows, additional sites can be integrated with SmartWatch Access Server for central control and monitoring. Make your gate and asset management more effective – and more profitable – with SmartWatch Access from TransCore.

ABOUT TRANSCORE

TransCore is a privately held transportation services company with 1,700 employees and more than 80 locations throughout the world. With installations in 39 countries, 80-plus patents, and a world-class manufacturing facility, TransCore's expertise in providing system-based applications that improve transportation efficiency is unparalleled.



For more information, call:

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www.transcore.com

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