



## Gatestand driver kiosk

Fast, efficient transactions for drivers at the gates



**SAIC's Gatestand kiosk automatically identifies drivers, prints instructions and other documents, and provides communication with gate clerks.**

Manual driver transactions can be a costly bottleneck in a terminal's gate process. SAIC's Gatestand kiosk can streamline the process by performing the transaction quickly and automatically.

The Gatestand is part of SAIC's Intelligent Intermodal Solutions (IIS) for cargo facilities. With components for the gates, quay and operations center, the IIS system can increase efficiency and security in container-handling operations throughout the terminal.

In a typical operation, each truck passes through an IIS OCR system at an entry or exit gate and stops at a Gatestand in the lanes. The Gatestand identifies the driver by scanning a fingerprint, reading an ID card, or scanning a barcoded ticket. At the same time, an OCR system reads the truck's license plate. The Gatestand sends the driver and equipment data to the terminal operating system (TOS) and prints instructions from the TOS for the driver. Once the transaction is complete, the IIS server integrates and stores the equipment and driver data.



SAIC's Gatestand kiosk offers a variety of features for driver identification and communication.

### Flexible configuration

The Gatestand can be equipped with a variety of identification and communication features to streamline the transaction process.

- ◆ **Biometrics:** The Gatestand's highly accurate fingerprint reader quickly verifies the driver's print against the IIS driver database. This feature includes a separate registration workstation to add new drivers to the database.
- ◆ **Card readers:** The Gatestand can be equipped with card readers for proximity (smart card), magnetic stripe or barcode cards. This feature enables the Gatestand to read employee badges, driver's licenses, TWIC cards and other common credentials.
- ◆ **Transactions:** The driver uses the Gatestand's text display and keyboard to perform the transaction, and a rugged printer prints documents for the driver. A color camera captures digital still photos or video of the driver during the transaction.
- ◆ **License plate OCR:** Each Gatestand location can be equipped with license plate OCR to automatically integrate equipment data from OCR systems at the gates with driver data from the Gatestand.
- ◆ **Gate clerk:** The Gatestand can be equipped with an intercom, color video camera and Call button to enable the driver to communicate with the gate clerk if needed.
- ◆ **Network communications:** The Gatestand typically communicates with other IIS components and the TOS over the terminal's high-speed network.

With its modular design, the Gatestand can be configured to suit the facility's operations and processes, and Gatestand components can be added in the future to handle new requirements.

### IIS and SAIC — enhancing efficiency and security at cargo facilities

SAIC's Intelligent Intermodal Solutions (IIS) also include high-throughput OCR systems for automatic identification of containers, trucks and chassis; the CraneView OCR system to identify containers and verify stow positions on the quay; and computer systems for centralized data management, system monitoring and online damage inspection.

SAIC has provided IIS systems to enhance efficiency and security at dozens of cargo facilities around the world. Every system is backed by SAIC's world-class installation, training, maintenance and technical support.

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