

# AUTOMATED GATE SYSTEM - AGS

VELOCITY, VISIBILITY, & VOLUME



The APS Automated Gate System (AGS) provides a flexible, IP-based solution to fully automate the processing of entry and exit traffic at your container facility. As an integrated suite of modular hardware and software components, the system can easily be configured by terminal personnel to control all types of operations simultaneously – from simple, remote gate control to a fully automated, manless operation. This flexibility maximizes the return on investment by increasing the throughput capacity, efficiency, safety, and security of gate operations as your volumes grow.

## OUR FULLY INTEGRATED SOLUTION INCLUDES:

**OCR Portal:** Automated ID of vehicles and equipment, including containers, chassis, license plates, and HAZ/IMO labels

- Optional high resolution damage inspection imaging

**Gate Kiosk:** Automated driver ID and VoIP communication to each lane

**X-Clerk Gate Operating System (GOS)** to resolve system exceptions

**Seamless integration** with Host/Terminal Operating Systems (TOS)



## AGS BENEFITS TO THE TERMINAL

- Up to 500% increase in gate throughput (moves/hour) without expansion or more personnel
- Lower gate operating costs up to 75%
- Reduced congestion improves traffic flow and reduces emissions from extended engine idling
- No personnel in the lanes means no accidents
- Adapts to any facility
- Integrated security and access control



The **Gate OCR Portal** provides the identification, classification and inspection of containerized cargo and equipment without stopping traffic flow. Most OCR or operational exceptions can be resolved remotely via the X-Clerk GOS prior to the driver's arrival in a lane at the **Gate Kiosk**. Remote personnel can then complete driver identification, data collection and voice communications without the driver exiting his truck. Designed for each terminal's unique requirements, the **Gate Kiosk** integrates modular voice, video, printing, biometrics and other data collection components into an ultra-industrial, all-weather enclosure.

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## FEATURES AND SPECIFICATIONS

- OCR Portal
  - Automated OCR of container, trailer, license plate, IMO labels, and door direction
  - Instant classification of equipment type and configuration
  - Full-color damage inspection imaging of equipment
  - Low power, off-the-shelf components
  - Optional RFID reader, weigh scales and radiation monitors
- Gate Kiosk
  - VoIP communication intercom from any PC
  - Biometric identification, card reader for driver ID
  - Touchscreen LCD monitor
  - Designed for harsh terminal environment
- X-Clerk Gate Operating System (GOS)
  - Administration and control of lanes, users, traffic routing, and exception management
  - Remote damage inspection and OCR error correction
  - Integrated CCTV camera & VoIP intercom from any lane
  - Control signboards, traffic lights, barrier arms, and scales
  - Real time TOS data interface via XML or JMS
  - Seamless integration to Navis N4 and Express
- Global maintenance and support services with 24/7 proactive monitoring of all systems
- 500+ lanes in operation since 2002
- UL and CE certified components



## ABOUT **APS** TECHNOLOGY

APS Technology Group is a leading provider of OCR and process automation solutions for marine and intermodal container terminals. The solutions improve the visibility, velocity, and volume of cargo moving through a terminal's gate, rail, vessel and yard operations. APS leads the industry with over 700 OCR and automation systems installed in 14 countries around the world.

For more information, call +1 858.571.4444  
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