

HI-TECH SOLUTIONS NEWSLETTER



Extending Your Vision™

October 2005

Volume 4, Issue 2

Hi-Tech Solutions

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Hi-Tech Solutions Rolls Out Next Generation Gate OCR Systems in European Ports



“The Second Generation, SeeGate2 system, is based on extensive customer research and over three years of operational experience with Gate OCR systems in terminal environments.

We identified the demand for new operational features that would provide significant value to our new customers”.

SeeContainer Products exhibited at TOC2005 America Exhibition in Nov 29-Dec 1, Savannah, GA.

- **SeeGate** Systems for Container Code & Truck Plate Recognition
- **SeeCrane** Systems for Container Code Recognition on Quay-Cranes
- **SeeTrain** Systems for Container Code Recognition on Rail Tracks



Hi-Tech Solutions (HTS) has recently commercialized its second generation gate OCR portal systems, marked SeeGate2, after supplying over 100 first-generation SeeGate systems in the past three years. Following completion of a successful pilot installation in Belgium, HTS has received orders for 29 SeeGate2 systems from 5 different European terminals, including the ECT (European Combined Terminals), Kramer and Uniport terminals in the Port of Rotterdam. HTS expects orders from two additional marine terminals prior to the end of this year.

All of the projects are being executed by HTS together with its Dutch partner, Dalosy Industrial Systems. For the ECT project, HTS and

Dalosy have also teamed up with Embarcadero Systems Corp. (ESC), who will handle the integration with the TOS, with HTS assuming the position of prime contractor responsible for turnkey delivery.

According to HTS Marketing and Sales Manager, Amnon Katchalski, the design of the second-generation SeeGate2 system “is based on extensive customer research and over three years of operational experience in terminal environments. As we expanded our marine terminals deployment from the Western Hemisphere to the European and Asian terminals, we identified the demand for new operational features that would provide significant value to our new customers”.

The SeeGate2 system provides five-tier container ID redundancy, multi-spectrum license plate recognition, color imaging, damage in-

spection images, recognition of IMO labels and numerous other features upon request. The design is based on modular architecture and configurable OCR and image processing features.

While the SeeGate2 utilizes high-resolution color cameras, the HTS proven advantages of area-scan imaging and solid-state illumination have been maintained. The area-scan imaging and LED pulsed illuminators enable open-air installations (without canopy or roofing), operation in narrow lanes, and yield very low energy consumption.

Additionally, the system includes enhanced web-based operational and maintenance utilities, networking solutions and rich data collection and reporting programs.

The first 14 SeeGate2 systems are currently being installed with commissioning scheduled for completion by January, 2006. The additional 15 systems are to be completed by mid-2006.