

UK

ITS upgrades RTGs with GPS and move ID systems

Port automation and terminals solutions specialist ITS (International Terminal Solutions) of the UK has completed the upgrade of 20 new RTG cranes. The cranes, already fitted with eco diesel generators, have been further upgraded with the addition of GPS and container move identification systems.

The new systems enable greater operational efficiency and productivity by allowing the operation to be monitored in real time and by using automation to reduce mishandles, says ITS. They include a radio data network that provides yard operators with an instant, automated and uninterrupted link to

management systems.

This in turn is linked to the main ITS PDS (Position Determination System), using satellite technology for GPS tracking and container move identification, and allowing the efficient targeting of work instructions and automated confirmation of grounding positions. A key feature connected directly to the PDS is the Automated Truck Identification (ATI) module, which allows automatic identification of the containers carried and the grounding locations required.

ITS has also installed its equipment/operator security system on the cranes. Machine-readable ID cards



The ITS software includes GPS and container move identification systems that allow units to be tracked in real time

authorise operators to use equipment and access data, preventing RTGs from operating without the correct driver for that shift

and providing a data link from the RTG to the terminal's ERP system to automatically generate work orders for maintenance. ■