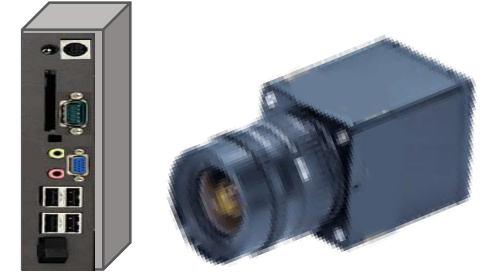


Transportation OCR Application

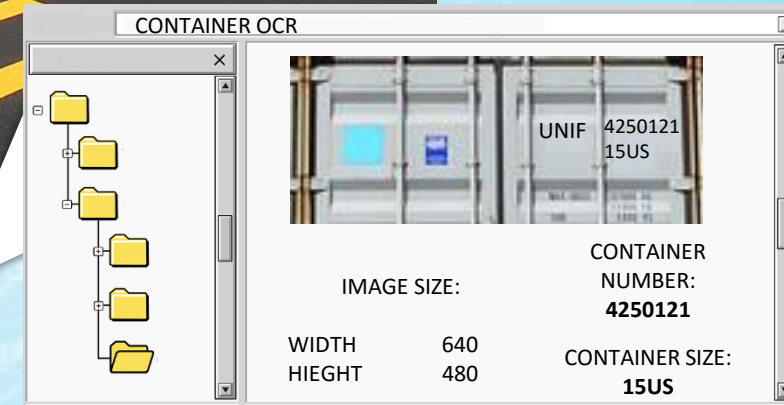
Semi trucks must be identified and the contents of their containers need to be checked in as they come into port. Numerous trucks come in per day and a reliable and accurate system is needed to expedite the process for manifest identification.



Solution:

Two high resolution GigE cameras with near infrared (NIR) lighting mounted on poles and positioned to view the back and sides of each truck as they enter port. The cameras are connected to an embedded computer with optical character recognition (OCR).

The trucks' containers have identification characters on them, which the system is able to read. The system can then identify the containers and the trucks as they enter port at speeds up to 10mph with precision.



Embedded computer with OCR application