



dora™

Digital Optical Reading Agent



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doraTM Digital Optical Reading Agent



The Digital Optical Reading Agent (**dora**TM) captures and records the unique identifying numbers of passing railcars and stores the information in a searchable database.

doraTM employs high-performance cameras at a trackside checkpoint to capture images of each passing railcar. Using Video Optical Character Recognition (VOCR) technology, DORA extracts the ID numbers from the video images and records them in a searchable SQL database.

- Captures high-resolution images of ID numbers on both upper and lower cargo containers
- Captures railcar images for visual inspection and inventory tracking
- Bundles related images into a single SQL database record
- Reliable data capture regardless of train length or inclement weather

dora's database records can be cross-referenced with inventory or maintenance tracking systems for analysis and reporting.

- Designed for the rail industry, DORA is suitable for many other applications
- Open architecture, scalable solution

doraTM can be combined with Duos' Linear Panorama Generator, which captures sequential images of passing railcars and stitches them together into a panoramic image format.

With **centraco**TM Command and Control

Like all of Duos' intelligent solutions, **dora**TM is command and control ready. Duos' state-of-the-art intelligent command and control platform, **centraco**TM provides a scalable information delivery and response solution that is designed to address operational and management challenges. Designed with years of "real life" situational input, the **centraco**TM platform is designed to perform in the most challenging and dynamic environments.



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