

Cognizant's Yard Management Solution—Yardelligent



Improving yard operation efficiency and responsiveness, increasing vehicle data visibility across the supply chain

Yardelligent, Cognizant's Yard Management Solution, has been specially designed for automating and optimizing operations at finished vehicle yards. With Yardelligent, yard operators can have the desired level of real-time visibility and control of vehicles at the yard, thereby making the automotive supply chain truly optimized and efficient.

Yardelligent has been designed as a modular solution, with each module independent and customizable to the specific requirement of each yard. The modules in Yardelligent include Vehicle Receipt, Visual Inspection, Workshop/PDI, Shipment, Ranking, Billing, Warranty Approvals, Dealer Management, Reports and Port Processes.

Additional capabilities of Yardelligent include interfacing capabilities (with both internal and external systems), wireless access, offline capability, RFID capability, audit trail capture and a visual yard map.

Developed using the robust and scalable industry-standard n-tier J2EE framework, Yardelligent is Web-based and can be accessed from anywhere on virtually any hardware platform. Yardelligent supports both Oracle and Microsoft SQL databases and can be integrated to many business systems, including WMS, TMS and ERP, using standard messaging tools.

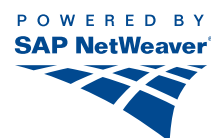
Yardelligent: Powered by SAP NetWeaver™

The Yardelligent solution is fully integrated into the SAP NetWeaver™ platform and is completely ESA compliant. This permits Yardelligent to seamlessly integrate with various back-end SAP® solutions.

Certain core modules of Yardelligent have also been integrated with SAP NetWeaver Portal. This provides Yardelligent with the capability of being aggregated along with various other enterprise applications.



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Automating and Optimizing Yard Operations—Powered by SAP NetWeaver™

Yardelligent Helps Automotive Manufacturers and Distributors Overcome These Challenges:

- **The time consuming and error-prone process of receiving vehicles manually into the yard.** Yardelligent uses bar code scanners and RFID tags to automate the receipt of vehicles into the yard and reduce the extent of manual intervention required.
- **Ad hoc and time consuming parking location identification.** Yardelligent recommends a suitable parking location for each vehicle on the basis of the available slots and the parking settings defined.
- **Tracking of vehicles in the yard.** Yardelligent provides yard operators with the capability of tracking any vehicle in the yard through a visual interface.
- **Error-prone workshop activity management.** Yardelligent has an activity management module that identifies the activities that need to be performed on each vehicle, and schedules a time for the performance of the activity. This streamlines the workshop process and ensures timely dispatch of the vehicle from the yard.
- **Damage tracking.** Yardelligent provides a visual damage tracking mechanism in order to enable yard jockeys to effectively communicate the location of damage to workshop mechanics.
- **Warranty management.** Yardelligent captures all warranty claims arising during the workshop and inspection process. Yardelligent also manages the approval process by directing the request to authorized personnel and capturing the approval details.

Benefits of Yardelligent Include:

- Reduced yard operations costs and increased productivity due to a high level of automation.
- Developed on the SAP NetWeaver platform for seamless integration with other application systems.
- Easy traceability of vehicles within the yard by way of real-time tracking.
- Extensive use of enabling technologies (RFID, handheld, etc.) for simplified operations and real-time visibility.
- Online and offline wireless operations, ensuring continued operability at all times inside and outside the yard.
- Customized MIS report generation for better analysis and planning.
- Fully customizable modules combining best-of-breed global industry practices with local customer needs.
- Ranking of vehicles in order to reduce rework costs.
- Flexible architecture for easy functional upgrade and scalability to multiple sites.



Yardelligent provides access to the application through handheld devices as well as through the desktop.

Cognizant Delivers Clear Value to Your Organization

Cognizant (NASDAQ: CTSH) is recognized by Business Week as one of the world's premier information technology companies. Our 25,000-plus employees share one single-minded passion: dedicating our systems expertise, industry intelligence and global resources to helping our clients make their businesses stronger. We combine a proven onsite/offshore project model with deep knowledge of how IT can improve productivity, lower costs and provide better products and customer service.

Cognizant—A Passion for Building Stronger Businesses

For more information on how to drive your business results with Cognizant, contact us at inquiry@cognizant.com or visit our website at www.cognizant.com.



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