

# FINISHED VEHICLE YARD MANAGEMENT



## INDUSTRY LEADER

The ProAct finished vehicle yard management solution is an industry leading solution for the management of complex, multi-site finished vehicle yards and compounds. It supports both multi-brand and used vehicles with specific support all primary modes of transport including rail, road and ocean. All aspects of yard operations are addressed from upstream transport to outbound transport and all activities within the yard or compound itself. It is also an integrated part of the wider Control Tower technology for plant to dealer logistics management.

Today, the ProAct yard management solution is used in finished vehicle yards globally, including within manufacturing plants, ports and terminals, rail hubs, inland yard networks, VPCs and mixing centres. ProAct's knowledge and experience of finished vehicle operations is long and extensive having worked for over 20 years with both operator and OEM clients.

The industry today is however changing. The role of such yards and compounds in the supply chain is being continually reviewed and redefined, in order to elevate their relevance by creating new value propositions.

Equally, vehicle technology itself changing, not only with the rise of electric and alternative fuels, but also the gradual move to using telematics within the supply chain. Telematics and ultimately vehicle autonomy will create huge potential to streamline and optimize operations to new levels.

As such, ProAct is investing heavily in future technologies in order to ensure we remain at the leading edge of finished vehicle logistics solutions.

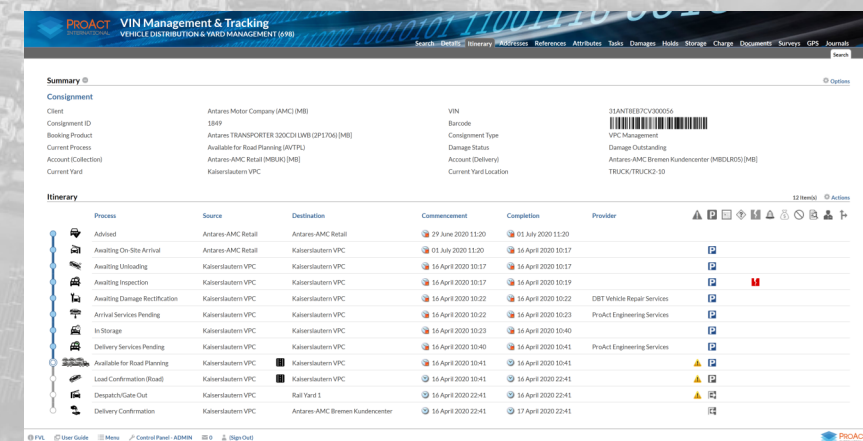
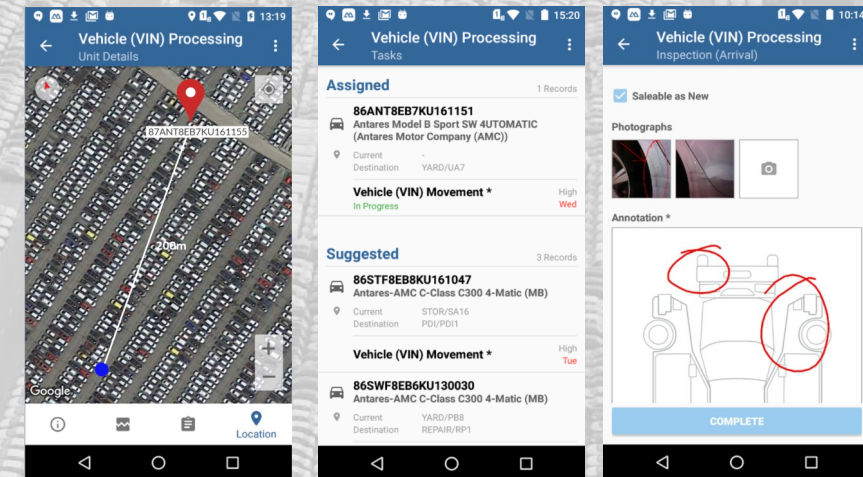
Key to any solution of this type is flexibility. Whilst finished vehicle operations follow fundamentally the same process, there are so many site based, brand based, model based and modal based exceptions and variations, any solution that imposes fixed processes within a yard is likely destined to fail. In fact, finished vehicle logistics has so many subtleties and nuances, that only highly flexible, purpose built solutions have any chance of meeting its requirements. Many organisations that have tried to use ERP or WMS solutions in this role (and failed) will attest to this.

## CONFIGURABILITY IS KEY

The ProAct finished vehicle yard management solution is built on highly configurable process execution technology giving the end-user almost carte blanche to create and amend yard processes and business decision logic that can be specific to almost any combination of attributes (eg, brand, model, region, vehicle type, dealer, mode to name just a few). This means that every VIN processed through a yard may well have its own unique process, automatically planned and managed by the system.

Automation is also key. Users on the ground will be instructed as to exactly what to do to a specific VIN and when. This avoids the users needing to make such decisions themselves and ensures yard movements and activities occur in the most efficient manner.

Physical parking rules are also user maintained in the solution, so that any movement decisions are also made by the system automatically to ensure the vehicles are moved and located accurately and efficiently.





## INTEGRATION & COLLABORATION

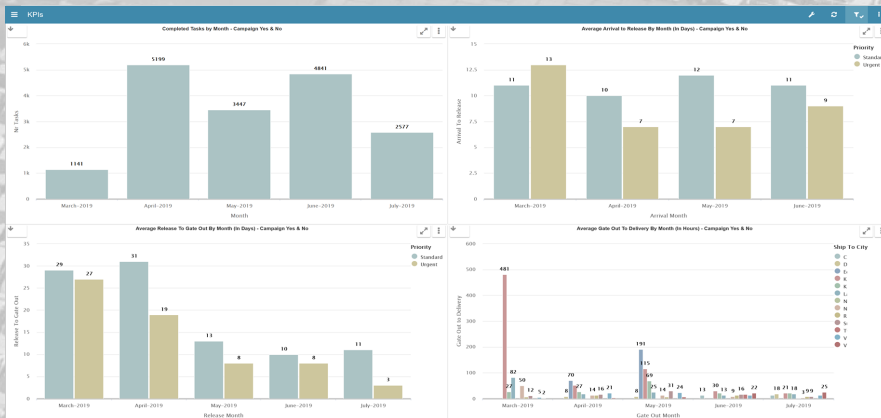
Another key factor in implementing a yard management solution is the ability to quickly and seamlessly integrate with all stakeholders including the manufacturers, importers/exporters, carriers, sub-contractors, dealers, finance systems, claims processors etc. ProAct has a long and successful track record of doing this using the multitude of XML messages and web services provided as standard by the ProAct solution. However, ProAct deals with all data formats and integration methods, so integration should never present us with a technical challenge.

We also recognize that not all partners may possess technical or EDI capabilities, so ProAct also offers an integrated partner portal allowing any stakeholder to log directly into the system and enquire or collaborate on the status of individual jobs and assignments.

ProAct's wholly browser based user interface ensures that all levels of collaboration can be facilitated easily and securely without the need for additional technologies.

## MANAGEMENT INFORMATION

The ProAct offering also includes a dashboard function, allowing trained users to produce their own real-time dashboards for general or KPI reporting use. Coupled with unparalleled visibility and the wider ability to extract and load data in many ways across the system, availability of detailed data is not something the ProAct solution is short on.



## FUNCTIONALITY CHECKLIST

- Multi-Brand/Contract
- Multi-Language/Terminology
- Multi-Time Zone
- Multi-Yard/Site/Location
- Multi-Currency
- Multi-Unit Of Measures (UOM)
- Multi-Modal (Transport)
- Yard Setup & Configuration
- Yard Graphical real-time visualization
- Location Maintenance (Bays, Tracks, Lanes, Berths, Workshops etc)
- Location assignment rules
- Route/Ramp code allocation
- Movement/Proximity Optimisation
- Rail Car Management
- Barcode Scanning
- RFID Configuration
- Truck Management
- Inbound/Outbound Manifest Management
- Berth Visibility
- Rail Car 'Spotting' and Switching support
- Business Process Definition
- Inventory Visibility across multiple Yards
- Yard: KPI Tracking
- Activity Duration Tracking
- Damage Recording
- Vehicle or Equipment Surveys
- Storage duration management
- Crew Management
- AIAG Format Damage Recording
- Up fitting/repair support
- Inspection Management
- VIN decoding
- Hold Code Observance & Management
- UMLER data storage and reference facility
- Label generation
- Document Management
- Workshop/Resource set up
- Workshop Skillset requirements
- Workshop Equipment/Asset requirements
- Equipment Loading / Unloading (rail, road, ocean)

- Task allocation
- Task durations
- Parts Inventory allocation
- Resource availability diary
- Automatics task assignment
- Workshop capacity management
- Telematics: VIN originating data capture/request
- Telematics: Status recording (battery, tyre, GPS etc)
- Telematics: Status based rules and task triggers
- Telematics: Automatic assignment of yard tasks
- Telematics: Resolution verification
- Transport Equipment Asset Register
- Equipment Compartment/Deck Configuration
- Equipment Load planning restrictions
- Business process and decision maintenance
- Multi-Modal Process Projection/Prediction
- Multi-Modal Business Rules And Decision Points
- Multi-Modal Hold Management And Release
- Cost And Revenue Tariff Management
- Automatic Charge Matching
- Billing creation

### MOBILE:

- Android native online/offline multi-site App
- Device authorisation
- Local operational data storage (for offline mode)
- Inspection/Survey Management
- Automatic Job allocation
- Photo, annotation and signature capture
- GPS tracking & Geofencing
- Business process management
- Job location mapping and orientation
- Yard inventory enquiry
- Equipment Loading / Unloading (rail,road,ocean)



Contact: +44 (0)1745 816315  
Email: [enquiries@proact.net](mailto:enquiries@proact.net)  
website <http://www.proact.net>