The Automotive Manufacturer has to manage inbound loads as well as shuttling parts from one plant to the other, all while utilizing Lean principles of just-in-time delivery.

The operation needs to run like a well-oiled machine to keep the production lines running.

Yard Management and Shuttle Scheduling for a Major Automotive Manufacturer

C3 Solutions

Upgrading from YardSmart to C3 Yard meant that our client was able to integrate the cloud-based C3 system with its own warehouse management and planning systems.

They feed C3 Yard with all the information about inbound loads, including timing, load type and the shipping plan – which is the roadmap for where each item needs to be and when, under the lean manufacturing principles.

Every inbound part has to be correctly sequenced, with perfect precision to keep the lines running, as there is no inventory held on site.

C3 schedules everything that enters and leaves the yard, all the cross-docking, along with on-site processes such as refueling. As trailers come in, they are sequenced in order to get the inbound materials to the production line on time. Once emptied, they are loaded with outbound returns and reusable packaging.

To make that happen efficiently in a yard as huge as our client’s, that has an over 1,700-trailer capacity, C3 Yard finesses the timing of unloading so the empty trailer can be released and sent directly to the far side of the cross dock for reloading. This saves time, yard space and labor by eliminating extra moves.

As a result of the successful implementation of 50+ processes within C3 Yard, the manufacturer is working hand in hand with the C3 team to explore new opportunities to gain productivity and efficiency through automation.

Conclusion

Book a demo now!