

AutoScheduler.AI Make-n-Ship Warehouse Optimization Platform

Optimize loading products straight off the production line to orchestrate production, warehousing, and transportation plans.

Challenges

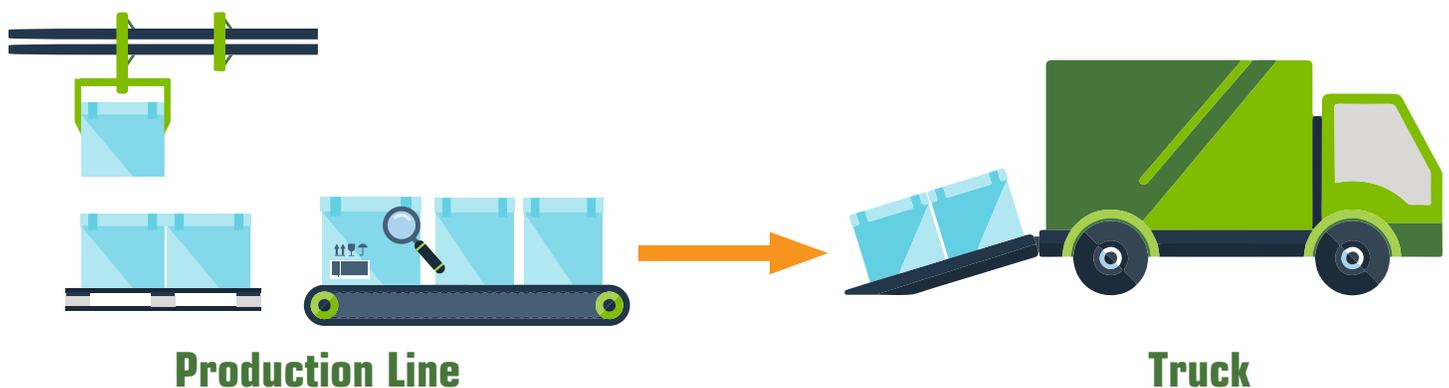
The movement of products directly from production to various deployment destinations is challenged due to the confluence of production, warehousing, and transportation.

- » There is a mismatch between pre-built stock transfer orders (STOs) and what gets produced.
- » Warehouse Management Systems can't efficiently handle line-to-truck.
- » Schedule compliance by the production plant isn't acceptable.
- » Without the buffer of the warehouse storage, line-to-truck struggles to have a ready supply of trailers that match production.

WITHOUT MnS:



WITH MnS:



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Significant Benefits of AutoScheduler.AI MnS

Moving production runs directly to the truck eliminates touches and reduces the need for storage space in the manufacturing site.

- » MnS focuses on creating transportation requirements days in advance so “best cost carriers” can be engaged.
- » As production changes, MnS reschedules transportation where possible to match production schedules.
- » MnS creates and transmits a recommended transportation plan.
- » On the hour, the need and timing of trailers and inventory are updated.
- » Using the latest data, including trailer availability, AutoScheduler.AI creates warnings for such things as a trailer shortage in two days.
- » A real-time “Deployment Module” is updated to reflect the latest decisions on where to shift/store inventory.

Expected Metrics

- Free up **10%+** space capacity.
- Reduce production planning load by **33%**.
- Increase floor productivity by **8%**.
- Increase container fill by **2%**.
- Service level increase by **4%**.



We understand the need for urgency! Let's get started to smooth operations in your production warehouse. To manage risk, we recommend starting with a mapping and matching session to identify how our MnS can work with your existing systems or WMS.



Contact Us for a demo and initial assessment 512-277-5048.

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