Yard Management Case Study

Case study
A leading parcel delivery company, with an extensive ground-based network, required a level of yard port management system to manage to avoid plugging growth. Considerable investment had been made to improve other aspects of the operation but the high-volume management system still maintained a confrontation of material processes and safety systems.

"As a plant manager of CS, I’ve been looking to innovate making a real difference. Everyone expects the delivery of their order to be perfect. It’s exciting to work with a world-class company that makes this happen. When you work with a team that is passionate about what they do, it challenges you to be your best and create lasting relationships."

MATTHEW DELMARCO
Project Manager | Business Specialist

The challenge
✓ With the increased volume of each newly constructed E-Box transport, the plant required the assistance of a common employee to process and direct. To address this, the team identified various existing tools used to identify and solve for capacity issues.
✓ There was a lack of visibility in the necessary tools required to identify and solve for capacity issues and therefore the visibility on the amount of work that was left to process.
✓ The assumption had been to target the capacity of the yard and not the delivery center.
✓ The capability to manage and refine the yard management process was limited, which increased the risk of service failure across varied customer segments.

The results

Yard Management
An extensive survey of the yard management market led us vendor that had considerable experience in the past and parcel industry - C3 Solutions. The C3 team worked closely with the operation to devise a solution that was able to delivery value starting on day one.

The Gate processing time has been improved by 50% while increasing Information accuracy and also security. C3 staff are able to assign the correct trailer to the correct dock without using the compact off-duty.

Yard driver efficiency has been improved by at least 15% and the yard drivers have reduced the new system. In addition, some driver performance data can be evaluated and shared back to drivers.

Trailer unloading times are now being captured to provide useful statistics.

Yard traffic flow is greatly improved by proactively avoiding yard congestion and peak event capacity situations. Management are alerted when necessary thresholds are crossed allowing pre-emptive measures to be taken.

Conclusion
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Not only has C3 Solutions improved the operation, productivity has soared across the business to minimise time key processes and improve cost practices.

The yard has gone from being an impediment to future expansion to being a major competitive advantage.