

Gate capacity planner



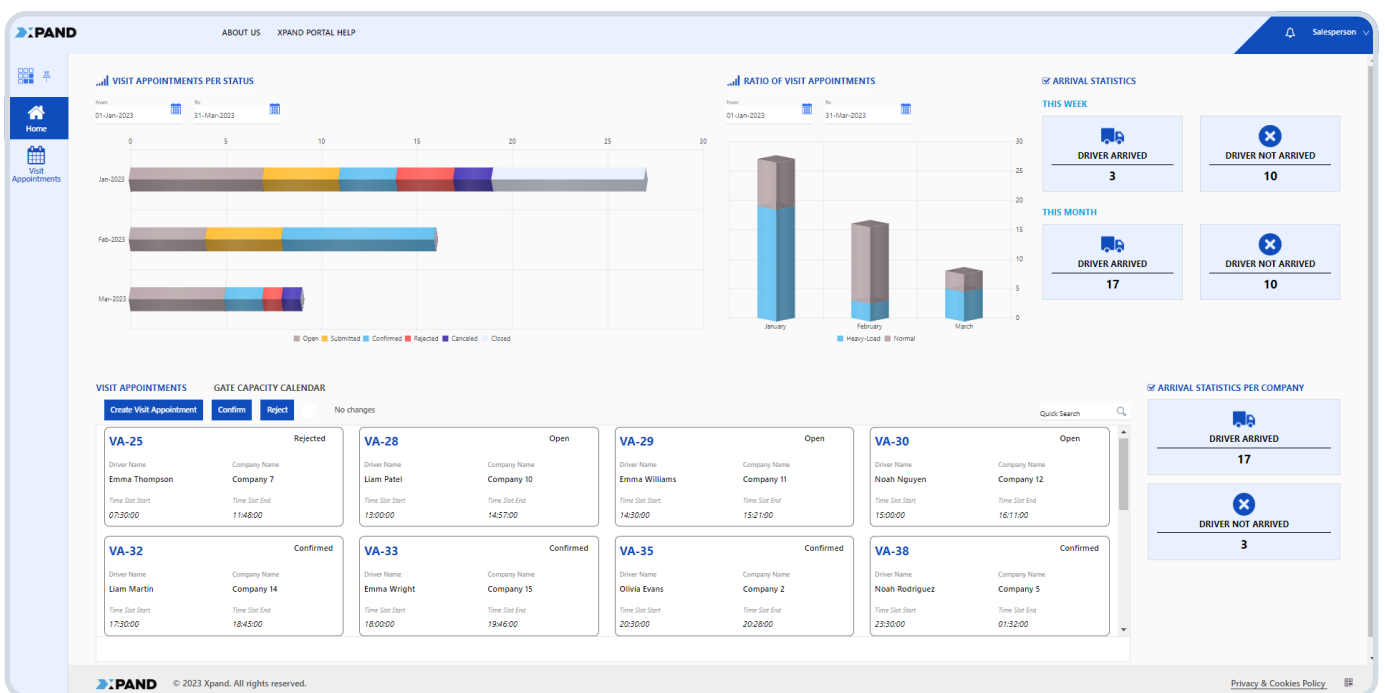
🔍 Problem

The logistics terminal faced a challenge with its destination area's limited capacity for unloading and loading trucks during peak hours. Most trucks arrived in the morning and stayed idle for hours, resulting in waiting time. In addition, since the terminal did not know which cargo would be requested from the terminal upfront, it could not take measures to relocate it closer to the gate, which increased the truck processing time.

Terminal employees couldn't predict truck arrivals' exact time and day, making it difficult to prepare goods for loading in advance and inspect equipment availability for heavy-load cargo. This bottleneck affected both the transportation company and the terminal crews, resulting in unnecessary downtime and financial losses.

Solution

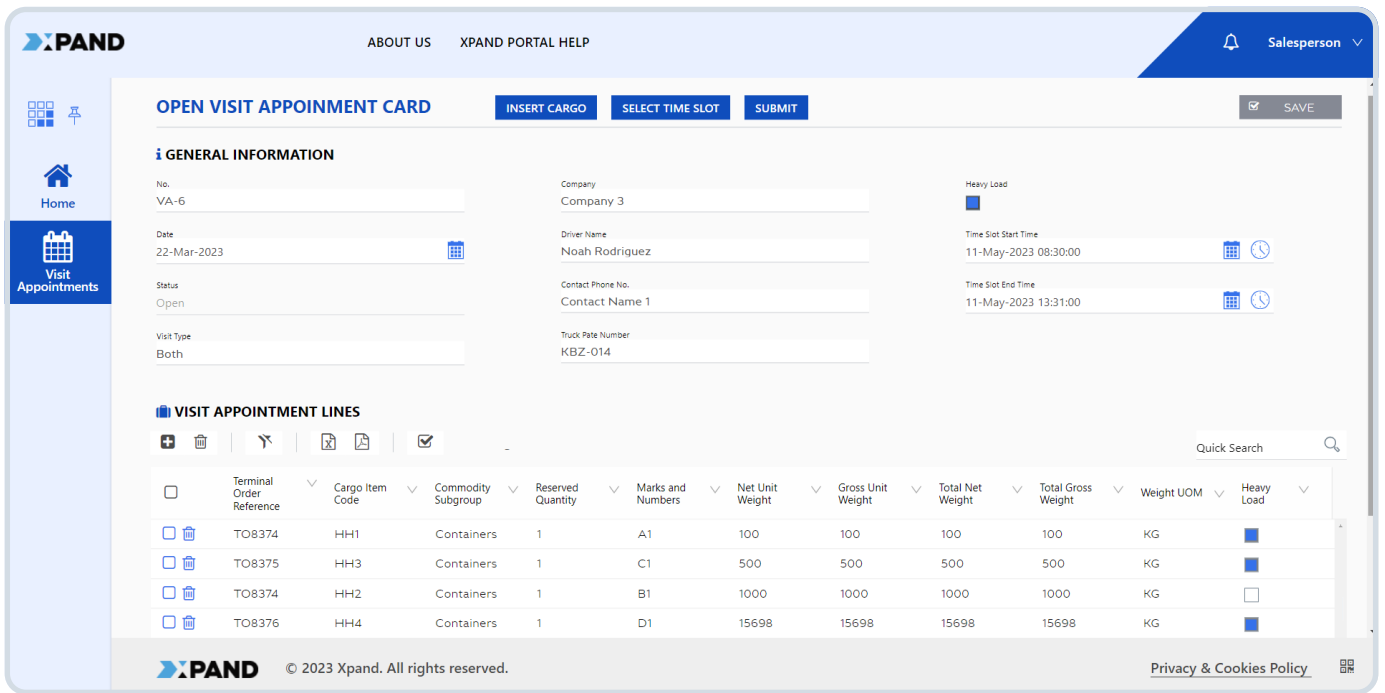
The logistics terminal successfully tackled the problem of limited capacity and truck congestion during peak hours with the implementation of the Xpand Portal and customized page templates.



Xpand Portal allowed for the optimization of truck processing by providing a single program for managing available time slots and cargo information, which could be accessed by both terminal employees and transport company representatives. Xpand Portal also alerted users in real-time when time slots were running out and enabled them to specify which goods needed to be picked up from or delivered to the terminal.

This allowed gate employees to prepare for loading in advance, avoiding

queues and delays. After selecting a time slot, the transportation company’s employee received a QR code that could be scanned at the entrance to the terminal.



This system eliminated the need for coordination and information collection, as the portal streamlined data processing and notified all parties of the necessary next steps. The result was a stress-free unloading process, no car congestion, and reduced employee burden.