

## Case Study: Transnet Port Terminals

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### Challenges

- Solved for the following challenges with Navis N4:
    - Quay crane productivity and vessel turn time
    - Equipment utilization in the yard
    - Efficiency with gate processes
    - Labor utilization
    - Customer communication and satisfaction
    - Inventory management
    - Compliance and interaction with customs and tax offices
    - Operational visibility
    - Event monitoring
    - Reporting
    - Billing
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### Use Case

- Rates the following N4 capabilities, as they compare to competitors:
    - reliability: somewhat superior
    - scalability: somewhat superior
    - performance potential: somewhat superior
    - technology platform: somewhat superior
    - company expertise: somewhat superior
  - Saw a return on their TOS investment in 12 – 24 months.
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### Results

- Moved to Navis N4 for the following reasons:
    - To update to a more modern platform
    - To better optimize operations
    - To prepare for or implement automated equipment or operational processes
    - To support changing business requirements
    - To improve competitive advantages
    - To improve ROI potential
    - To move to a single environment with business operational advantages
  - Increased the productivity of their IT staff by 25-49% with Navis N4.
  - Increased gate operational productivity by 50-74% with Navis N4.
  - Productivity of their yard operation increased by 50-74% with Navis N4.
  - Improved the productivity of their vessel load and discharge operation by 25-49% with Navis N4.
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### Testimonials

“Operations -N4 has allowed the business to work more effectively and efficiently. It has provided the added advantage of giving us visibility into the operations of not only what one terminal is doing but into the business as a whole. Added to this, the linking up of a rail terminal has allowed us to have visibility across the supply chain.”

“ICT – N4 has given us the additional advantage of effectively supporting the business and having greater control of what is happening around the terminals.”

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**Source:**  Louis Hutton, Senior IT Manager, TRANSNET LTD