INCREASED EFFICIENCY FOR INLAND TERMINALS

SyncroTESS –
the intelligent software for optimized container handling
MASTERING INTERMODAL PROCESSES IN COMPLEX SITUATIONS WHERE TIMING IS CRUCIAL

SMOOTH HANDLING

SyncroTESS is the software for optimized handling in intermodal terminals. Tailored to the needs of intermodal transport processes, the system ensures the smooth handling of loading units on rail, road or water. In order to do this, the system manages the miscellaneous transport processes within a terminal, the terminal-specific services and takes over the entire yard management.

OPTIMIZED RESOURCE UTILIZATION

SyncroTESS optimizes the use of handling equipment (cranes, reach stackers, straddle carriers, forklifts, terminal trucks, etc.) as well as the handling of intermodal transport units (containers, swap bodies, semi-trailers, etc.). This allows an optimized utilization of all resources and an on-schedule transshipment of the transport units. Intermodal transport operators, rail companies, shipping and forwarding companies are connected via interface to the system to obtain booking information (incl. delivery status). SyncroTESS uses this information to individually plan each unit’s transport route and handling within the terminal.

TRANSPARENCY

Integrated booking, tracking & tracing, as well as billing and reporting tools make SyncroTESS a comprehensive system for inland terminals. Container related and terminal-specific services are reported immediately to the internal or external systems (booking and billing).

SyncroTESS makes terminal processes transparent – from container arrival to container departure.

FLEXIBILITY

SyncroTESS' modular, adaptable, and scalable design make it the perfect system for inland terminals – for all sizes and modal split ratios. The system generates sustainable benefits and forms the flexible backbone for future growth and changing customer requirements.

ADVANTAGES

SyncroTESS allows terminal operators to:
- optimize the transport chain within the terminal
- increase terminal productivity without additional space or resource requirements
- lower operating costs by optimizing resource utilization
- reduce turnaround and waiting times within the terminal
- improve peak demand management, customer service and on-schedule performance
- connect logistics partners
- stay competitive and to future-proof their container handling business
REDUCE TURNAROUND TIMES
Truck gate: Standardized gate processes provide yard managers with the necessary information in real time. The integration of gate automation technology is also possible.

TAP THE FULL POTENTIAL
Storage area: Smart storage space allocation enables a more efficient utilization of resources and storage areas.

MINIMIZE DRIVING DISTANCES AND TIMES
Handling: Equipment productivity will be increased thanks to real-time optimization of container moves.

REACT FLEXIBLY
Control room: Yard managers will be relieved of routine tasks allowing them to react flexibly to unexpected events.

INCREASE SPEED
Staging area: Transport chains will be generated by creating smart links between staging, waiting, and storage areas.

IMPROVE ON-SCHEDULE PERFORMANCE
Rail shipment: Optimization tools support the train dispatcher in preparing the load plan.
Rail and sea shipment: Handling orders for loading and unloading trains and ships are updated in real time and intelligently assigned to handling resources.

TRANSPARENCY FROM A-Z
Billing: Chargeable handling services are automatically reported to the accounting system for billing and crediting.

Added value with SyncroTESS – lower costs, improve customer service
Managing complex procedures easily and efficiently is the task of a sophisticated logistics software. As a specialist in the field of transport logistics, INFORM offers with SyncroTESS a system which optimizes elaborate logistics processes in real time via intelligent planning and despatch decisions. The system covers a wide-reaching portfolio from the management of in-plant transport and road transport to the efficient handling of containers and smooth aircraft handling, up to transport optimization in hospitals. For SyncroTESS, not only organization plays a central role, but also the synchronization of all logistics procedures.

With SyncroTESS, companies are able to create a fully automatic and transparent supply chain. For over 20 years, the resulting potential for rationalization has been used by customers in the most varied branches: the automotive and chemical industry, steel production, machinery and distribution, intermodal terminals, sea and inland ports and distribution centers.

REFERENCES

More information

INFORM GmbH
Jennifer Stead
Logistics Division
Phone +49 (0) 2408 9456-6000
syncrotess@inform-software.com
www.syncrotess.com

»ADVANCED OPTIMIZATION!«
»OPTIMIERT ENTSCHEIDEN!«