



SuCES-Container-Logistics

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From tracking & tracing to event-controlled container management

SuCES-Container-Logistics provides a complete solution for the monitoring and operative control of any container movement and can be extended on a modular basis. The material flow and any associated information (e.g. order data) are mapped in SuCES-Container-Logistics and monitored and controlled according to the customer's own parameters. Based on XML, SuCES-Container-Logistics can integrate any number of supply chain partners simply and efficiently, thus achieving end-to-end monitoring and control across company boundaries.

Functionalities

- ▶ Event control e.g. upon reaching the target destination, incorrect loading or delay

- ▶ Tracking & tracing of logistic objects (transfer of risk)
- ▶ Consolidated standard reports on delivery times/suppliers, holding times, container histories
- ▶ Real-time query options e.g. job mode or loading condition
- ▶ Permanent inventory information: current location, loading condition, maintenance condition, actual stock
- ▶ „Non-mover query“: reliable filtering of surplus containers for optimisation of the total stock
- ▶ Running time query, with respect to individual containers and „pools“
- ▶ Display of the geoposition including geofencing

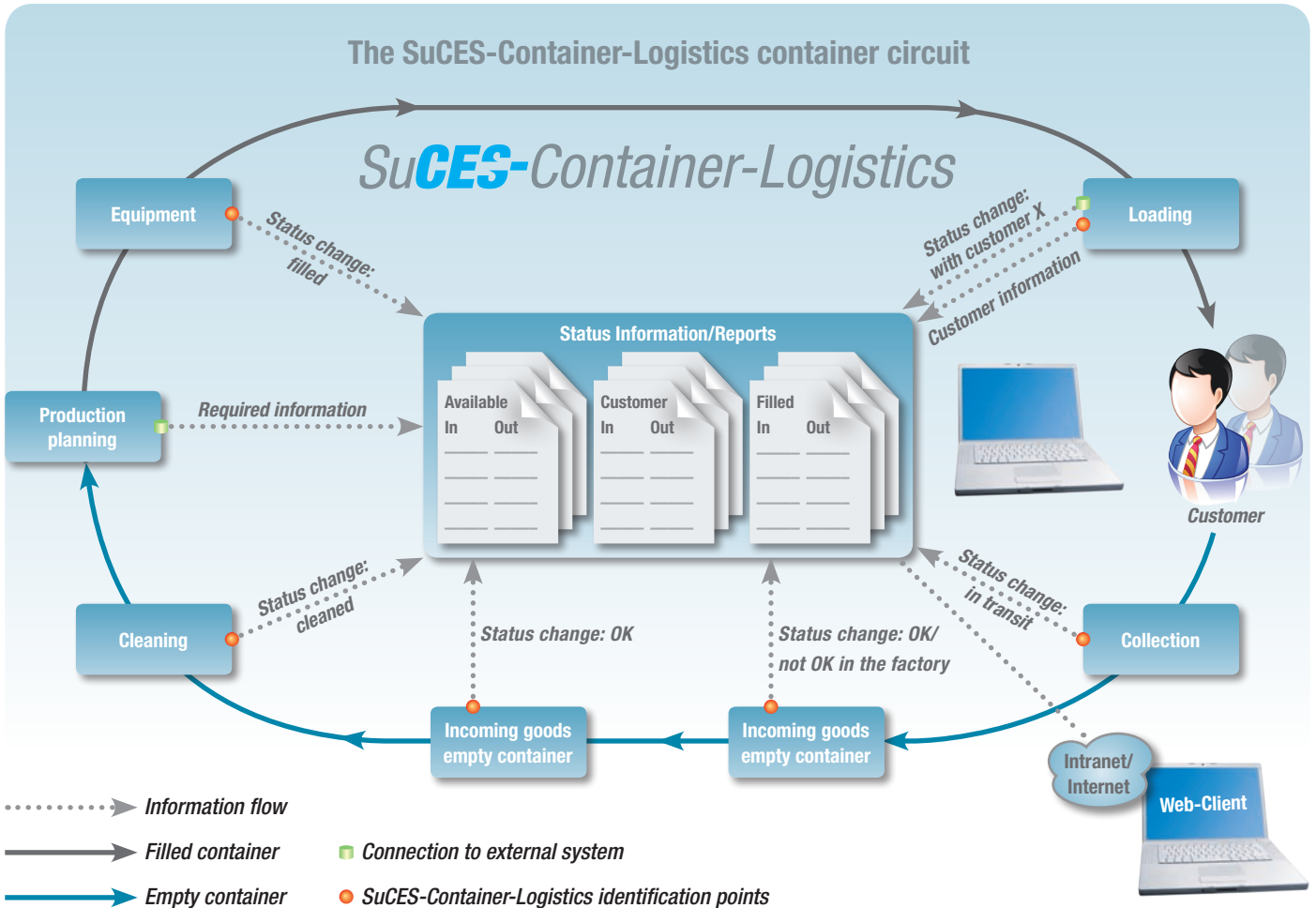
- ▶ Master data management for containers and locations
- ▶ Interface to ERP systems (e.g. SAP)

RFID, transponders, bar codes, GPS data etc. – Everything included

SuCES-Container-Logistics integrates data acquisition technology of all kinds. Parts can be marked at will and data (e.g. sensor data) can be incorporated and monitored to meet customer requirements. Individual parts, such as components, can be linked together and processed automatically in SuCES-Container-Logistics using workflow logic. SuCES-Container-Logistics is capable of working in real-time but it can also operate using batch systems.

AREAS OF APPLICATION SuCES-Container-Logistics

- ▶ Control and tracking of the container
- ▶ Management of container movements
- ▶ Asset management and lifecycle management of container resources
- ▶ Monitoring of high-value container pools
- ▶ Fleet management of containers, swap bodies etc.
- ▶ Supply chain management control from logistics service providers



SYSTEM DESCRIPTION

- ▶ Web application
- ▶ Quick customer and location integration due to web capability
- ▶ Architecture based on Java J2EE, database and operating system independent
- ▶ Multi-user capability
- ▶ Rules-based workflow representation
- ▶ SOAP interface for connection of local clients
- ▶ Can be modularly expanded and licenced
- ▶ Continuous further development and functional expansion of the software

ADVANTAGES SuCES-Container-Logistics

- ▶ Event-based action as a result of automatic notification facility
- ▶ Reduced container loss due to traceability and documentation of all movements
- ▶ Reduced stock levels/higher productivity for same stock levels due to quicker circulation times and higher process reliability (safety stocks)
- ▶ Lower personnel requirements due to reduction in „manual“ carrier management
- ▶ Increased level of service due to improved container availability or improved return disposition
- ▶ Possibility of new accounting/incentive systems for customers (calculations dependent on time or level of use)
- ▶ Consistent database