

SuCES-Track



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From Tracking & Tracing to Supply Chain Event Management

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

SuCES-Track functionalities

- ▶ Tracking of logistics objects across all hierarchical levels
- ▶ Tracing in the form of object-related historical data
- ▶ Alerting – comparison of actual current information with planned data and output of alerts
- ▶ Reporting/analysis – individually defined queries on the basis of historical data
- ▶ Track & Trace information also available, if necessary, on the object in mobile data memories.
- ▶ GIS – display of the object position/geofencing on maps

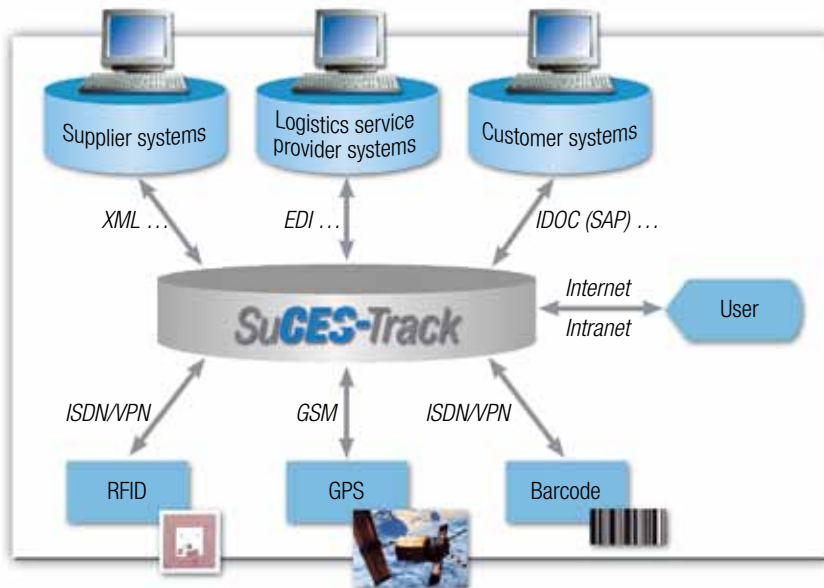
RFID, transponders, bar codes, GPS data, etc. – Everything included

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

AREAS OF APPLICATION SuCES-Track

- ▶ Control and tracking of the distribution and supply of materials
- ▶ Management of container movements
- ▶ Control of supplier's stock and stock in transit
- ▶ Reverse traceability of parts, components, batches
- ▶ Asset management and life cycle management
- ▶ Synchronisation of service and spare parts logistics
- ▶ Process transparency with logistics service providers and outsourcing partners (passing of risk)

SuCES-Track system concept



SuCES-Track integrates RFID with transponders, barcodes, GPS and data from further applications

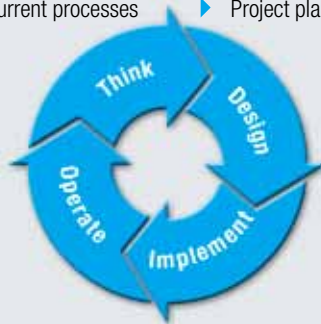
Benefits of SuCES-Track

- ▶ Increased process reliability as a result of transparent material flows and stocks
- ▶ Flexible response and proactive control of material flows through dynamic planned/actual comparisons and automatic alerts
- ▶ Reverse traceability and documentation of all movements and status changes at individual object level (transfer of risk)
- ▶ Consistent data basis of logistics processes for reporting, benchmarking and CIP

From consultancy to operation – SuCES-Track

ESG can supply SuCES-Track and take overall responsibility for the project during all phases.

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|-----------------------------------|------------------------------------|
| ▶ Definition of objective | ▶ System design for implementation |
| ▶ Definition of specified process | ▶ Assessment of potential |
| ▶ Analysis of current processes | ▶ Project planning |



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|--------------------------------------|-----------------------|
| ▶ Operation of system/infrastructure | ▶ Operative start-up |
| ▶ System implementation | ▶ Extension of system |
| ▶ Ongoing optimisation | ▶ Project management |

This results in turnkey solutions, including hardware and software, which – if requested by the customer – can also be operated by ESG. When it comes to financing the project, ESG supports its customers in the form of tailor-made financing concepts (project leasing offers, etc.).

SuCES-Track software ⁽¹⁾

- ▶ Architecture, based on Java EJB, independent of database and operating systems
- ▶ Multi-client capability
- ▶ Workflow mapping based on rule sets
- ▶ SAP IDoc interface
- ▶ Open XML interface
- ▶ SOAP interface for connecting local clients
- ▶ Unlimited scalability
- ▶ 100% web capability
- ▶ Can be extended and licensed on a modular basis
- ▶ Continuous further development and functional expansion of software

⁽¹⁾ powered by supply chain solutions GmbH

CUSTOMERS (EXTRACT)

BILFINGER BERGER



Bundeswehr



Siemens Business Services