

[asseco-ceit.com](http://asseco-ceit.com)  
[sales@asseco-ceit.com](mailto:sales@asseco-ceit.com)

# Asseco CEIT logistics solutions

# Logistics flow planning



## DESIGN YOUR LOGISTICS

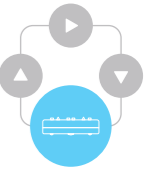
- Create logistics network
- Generate and visualize material and transport flows
- Parameterization of transport flows
- Capacity evaluation of logistics technology
- Definition and dimensioning of supply circuits

## BENEFITS

- **Eliminated wastes** in the entire logistics chain
- **Optimized** material flows
- **Balanced** logistics technology
- **Increased efficiency** of logistics processes, equipments and support tools up to **30%**
- **Reduced operating costs** up to **30%**
- **Shortened** planning phase



# Logistics system implementation



## IMPLEMENTATION OF AGV FLEET

- Forklift
- Under-run
- Tractor
- Twiserion Fleet Manager with VDA5050



## BENEFITS

- **24/7 automatic navigation**
- **Easy integration** into existing processes
- **Orders** for manipulation **directly from production**
- **Automatic contactless charging**
- **Reducing or redirecting** manpower
- **Elimination of errors** and damage claims
- **Adaptive** cruise control
- **Attractive** after sales service

# Dynamic simulation of logistics system



## VERIFICATION OF LOGISTICS SYSTEM

- Design and dynamic verification of logistics system in digital environment before implementation of changes



## BENEFITS

- **Defined number** of logistics equipment, individual circuits and flexibility of the logistics system
- **Verification of proposed logic** of logistics system with respect to production plan and takt times
- **Defined charging** and waiting points
- **Finding bottlenecks** and their optimization



# Real-time monitoring of logistics

using high-precision UWB-based RTLS technology



## MONITOR YOUR LOGISTICS

- OEE and the utilization of logistics paths
- Material tracking – WIP
- Safety



## BENEFITS

- **Increase** in productivity up to **30%**
- **Reduction** in work-in-progress up to **15%**
- **Increase** in operator safety

