

# intellion

SMART LOGISTICS DELIVERED





## WORKING MORE ACCURATELY WITH RFID

### COMPANY

Intellion provides innovative system solutions that support and monitor manual processes of production logistics. By using these solutions our clients increase their operative productivity without having high investment costs for fixed automation solutions.

In the focus of our solutions are mobile means of transport and production, which we turn into "Smart Things" using sensors, displays and wireless technologies. With this we establish visibility for process control and support the work of the operative staff.

Intellion was founded in 2000 as a spin-off of the University of St. Gallen (HSG) in Switzerland and has continually evolved into the innovation leader for wireless based turn key solutions.

### PERFORMANCE

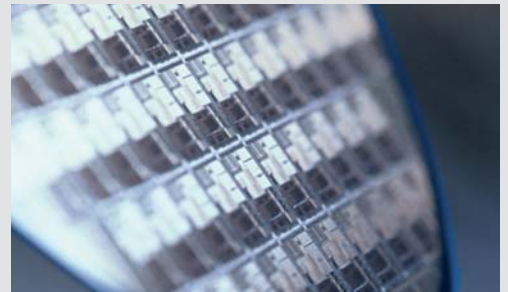
As general contractor, and in close collaboration with our clients, we conceptualize and develop individual solutions for the monitoring and assistance of manual processes in production logistics.

Based on the identified productivity potentials, RFID, sensor and localization as well as display and communication technologies are combined to an effective tracking and assistance solution.

### EXPERTISE

The basis of our success is our integrated engineering approach at the interface between application and technology. An experienced team integrates process, software and hardware know-how to robust solutions. Partnerships with leading research institutes (University of St. Gallen, M-Lab, ETH Zurich, MIT, RWTH Aachen) guarantee our access to latest developments in business and technology.

# SOLUTIONS



## LOTTRACK®

LotTrack® is a control system for manually transported wafer-boxes in the semiconductor industry. A user-specific application of the system has been in operative use in three fabs (in Germany, Austria and Malaysia) of Infineon Technologies AG for four years. LotTrack® is a fundamental component of the production system of the fabs.



Business Process Award 2006  
1st place innovation price of the state of Carinthia, Austria 2005

## E-KANBAN

The RFID-e-Kanban solution calculates inventory levels on local shop floors in production halls automatically. This enables a flexible and active material flow. The solution is realized in the research project "Next Generation Media" with Simcron, Tedrive, TU Dresden and WZL Aachen as partners.



## TRUCKTRACK

TruckTrack is a system for vehicle fleet management and the monitoring of the cold chain of refrigerated products in the supply chain. The solution has been in productive use by Migros in Eastern Switzerland for four years.



3rd place Swiss Logistics  
Award 2005

## INDUSTRIES

- Semiconductor
- Industrial
- Automobile
- Retail

## CLIENTS

Bosch, Cargo Center  
Graz, Continental,  
DaimlerChrysler,  
Fraport, Gallus, Hilti,  
Infineon Technologies,  
Manor, Marti,  
Messe Schweiz,  
Migros, Tedrive, Vita.



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