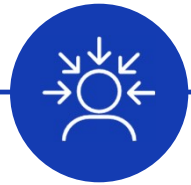


Use case: BICS IoT solutions for material handling

The challenge

Increase throughput, maximize margins, and meet the needs of industry 4.0 with reliable and ubiquitous IoT connectivity for your material handling devices and solutions.



Customer context

- Industry 4.0 expected to be lead application for IoT within **5 years**
- Industry 4.0 & Smart Manufacturing is predicted to surpass **\$300 Billion by 2023**



Material handling applications

- Driver, pedestrian, and warehouse safety
- Navigation and systems integration
- Fleet and insurance management
- **Real-time analytics** and performance monitoring



IoT connectivity requirements

- **Easy deployment** and maintenance
- Autonomy of management
- Scalability and flexibility
- **Reliable global connectivity**
- Quick time to revenue



Use case: BICS IoT solutions for material handling

The solution

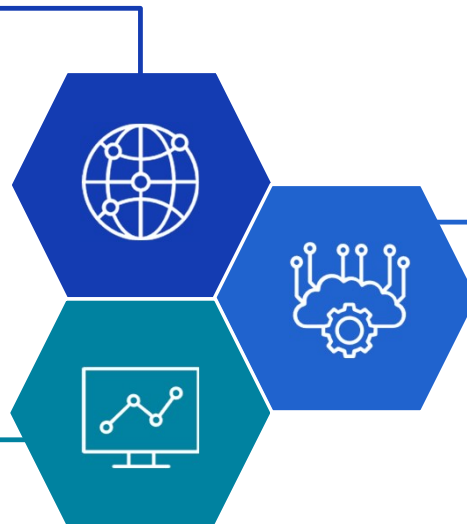
BICS SIM for Things is a flexible IoT solution with easy management and reliable connectivity that can be tailored for any intralogistics application.

Simple deployment and management

- End-to-end connectivity solution supporting easy integration with legacy systems
- Easy-to-use portal allowing for bulk-management and troubleshooting of thousands of SIM-embedded assets

High quality, M2M connectivity

- Reliable carrier-grade connectivity for full asset visibility wherever they roam
- Multi-network coverage in 200+ countries



Flexible, technology-agnostic platform

- 200+ APIs
- Open-source platform to interwork with management systems
- Supports 2G/ 3G/ 4G/ 5G/ NB-IoT/ LTE networks

Results

- Monitor and locate your material handling equipment in real time
- Increase intralogistics efficiencies with advanced analytics
- Increase throughput, reduce human errors, and improve site safety