



Integration of ArgoDrive into an AGV

Use case
SIMOVE
by Siemens

ebmpapst

engineering a better life

System

- + Control via ProfiNet
- + Fully automated system

Advantages

- ✓ Compatibility with Siemens automation
- ✓ Software modules can be selected
- ✓ Available in the TIA portal
- ✓ Certified overall system
- ✓ Mechanics, electrics and software are standardized

- S7 communicates with ArgoDrive via ProfiNet
- Two PDC drive controllers in master/slave configuration
- STO via separate cable to ArgoDrive drive controller
- Plausibility check of the ProfiNet data with safely recorded data from SICK's MOC module
- Brake control incl. feedback via SIMATIC drive controller and SICK module
- Scalable system from one to several drives per vehicle
- All suspension topologies are stored in the TIA SW library