

Range of services offer tailored to your needs

From «ordering a system» to an «all-round care-free package».
Choose what best fits your needs.

Project management

From the very first concept right through to de-commissioning you can count on our project manager, experienced in the rail sector.

- project management in the planning, implementation and operation phases
- managing workshops
- coordinating third party companies, interfaces, authorities, etc.
- country-specific safety verification based on EN 50126

Planning/Design

We take care of the design and planning of LX projects according to local regulations.

- GASC/SASC
- system design
- authority approvals
- project management
- risk analysis

Implementation

Our experienced operators install the entire system on site.

- system engineering
- installations/dismantling
- cabling
- testing
- commissioning
- site acceptance SAT

Support

Our service team is available for the entire life cycle of the system.

- telephone-service 7/24h
- on call-service 7/24h
- spare parts service
- maintenance/servicing
- training programme



Safety innovation
at level crossings

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Flex product family

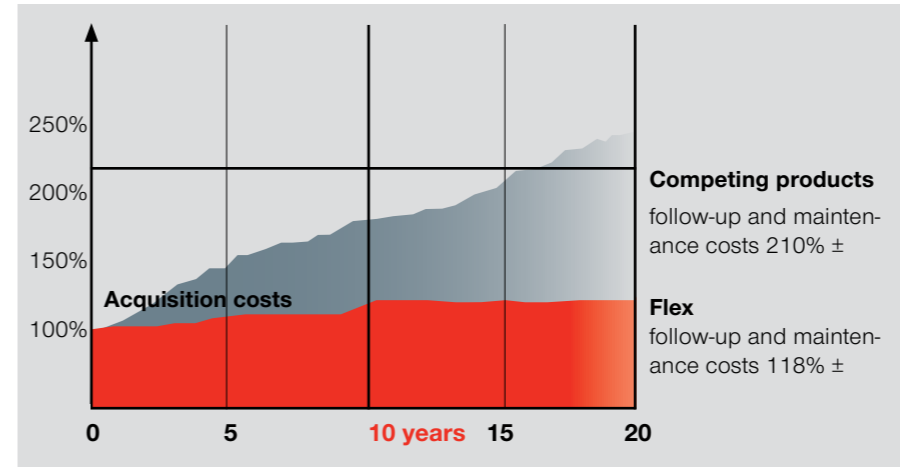
The Flex level crossing system is a unified platform, suitable for all forms of level crossing installations. The system is flexible for worldwide use, with virtually unlimited scalability in terms of size and functionality.



Your advantages at a glance

Would you like to keep follow-up and maintenance costs as low as possible when investing in a new product? Do you want to invest in a product without running the risk that replacement parts are no longer available or the products are not subsequently expandable? By purchasing our equipment you do not face any of these risks!

Life Cycle Costs (LCC)



The essentials in a nutshell

- uniform, flexible and freely scalable system platform
- just one Flex System for all conceivable types of level crossing
- freedom from obsolescence thanks to standardized industry components
- maintenance only every 10 years - low Life Cycle Costs (LCC)
- no preventive replacement of components

Technical Data

Available special functions	<ul style="list-style-type: none"> - on-demand function - fail-safe strike-in (no need for track-side signalling) - management of subsequent trains (tram operation) - auto-HET automatic auxiliary strike-in - 8 freely configurable inputs/outputs
Interfaces	<ul style="list-style-type: none"> - interlocking - traffic control system - transmission and processing of external strike-in/ strike-out criteria - transmission/processing of external interlocking criteria
Safety integrity level	<ul style="list-style-type: none"> - existing approvals to SIL3 - possible approvals to SIL4
Operating voltage	<ul style="list-style-type: none"> - 1x 230VAC 50Hz - 3x 400VAC 50Hz - further voltages available on request
Mechanical protection class	<ul style="list-style-type: none"> - control cabinet Flex Control IP55 - peripheral equipment IP65
Environment	<ul style="list-style-type: none"> - temperature range: -25 ... +50°C - humidity: 15 ... 100% r.F.

Approvals

- Designed according to certified processes in compliance with CENELEC EN 50126, EN 50128 and EN 50129
- Certified by TÜV Süd Rail GmbH
- Type approval by the Swiss Federal Office of Transport (FOT)
- Type Approval by the German Federal Railway Authority (EBA)
- Various approvals in many countries