

Competent troubleshooting in fieldbus technology



Troubleshooting made easy

We are your experienced partner and solve your problems in all aspects of fieldbus technology. Fieldbus systems have been used since the 1980s to reduce the number of wires needed in automation systems and to connect intelligent modules. Today, almost 100% of all new plants are equipped with fieldbuses.

The comprehensive fieldbus products and services of Leadec for existing systems ranges from troubleshooting through on-site testing and acceptance measurements to training courses for maintenance staff. Another focus is on initiating complementary diagnostic tools for Profinet, Profibus, CAN, Ethernet, AS-Interface and ESD, etc. For the installation of new fieldbus systems and networks we create specifications together with you and support you proactively in all processes of the entire machine

life cycle – from the construction through acceptance to on-site inspections for aging equipment. We always ensure a continuous improvement process for your system and stress-free tests during acceptance measurements.

Your benefits:

Over 25 years of experience with bus systems

Fast troubleshooting with 95% success rate*

Profound know-how of our experts

Comprehensive checking of the bus systems

Manufacturer-neutral distribution of measuring devices for all types of bus systems

Measuring devices for further detailed laboratory tests

* In 95% of all cases we find the error within 8-10 hours.

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Systematic troubleshooting

Many malfunctions are caused by installation faults. These are defects that arise during the installation or expansion of the bus system, e.g. due to faulty test jacks. Most of these faults can be detected by visual inspection for which we have designed a software-assisted procedure. The LeadecNetApp based on this provides you with a structured process to support systematic troubleshooting.

Permanent condition monitoring

Permanent condition monitoring has proven its worth in order to detect signs of wear and tear on a bus system or network caused by aging. Various testers are available for this purpose, which monitor the telegram traffic. The proven testers P-QT 23 for Profibus, PN-QT 20 for Profinet, C-QT 15 for CAN, A-QT 15 for AS-Interface and ESD-QT 16 for electrostatic discharge have been supplemented by the QT-Manager for automated troubleshooting.

Our services at a glance

Troubleshooting	Acceptance measurements	Training courses	Measuring systems
<ul style="list-style-type: none">Comprehensive troubleshooting for all fieldbus systems and networksTablet-supported visual inspection for measurement data acquisitionTesters for Profibus, Profinet, CAN, AS-Interface and EMC/ESD (electrostatics)IO-Link and Profinet solutions	<ul style="list-style-type: none">Measurements for all fieldbus systems and networks according to requirement specificationsBasic inspectionsSystem rework to eliminate errors as part of corrective maintenanceDevice analyses in the external laboratoryFree app providing a checklist for visual inspections	<ul style="list-style-type: none">Troubleshooting fieldbuses and networks such as Ethernet-based bus systems, e.g., Profibus, Profinet, Profibus DP/PA, CAN, AS-Interface and EMCDesign of fieldbus systems and networksFieldbus and network maintenanceBasics of preparing specificationsProactive process support	<ul style="list-style-type: none">Sale of measuring instruments and analysis equipment to monitor fieldbus systems and networks of all manufacturersIndependent expert advice across all makesTester for long-term monitoring of fieldbus and network systemsTester for troubleshooting



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