



Your partner for industrial measuring and testing technology



**SCIENCE
GATE**
Your Automation Partner



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Intelligent Measurement Technology – Precise, Reliable and User-Friendly

Since 1980, Delphin Technology AG has been developing pioneering, high-quality measurement equipment and software solutions for industrial measurement and testing technology.

We are a competent and dependable partner to customers around the world – for both standard measurement systems as well as for custom-made complete solutions. Our team of technical specialists take great pleasure in their work and transform creative ideas into practical products. Delphin products focus on application requirements ranging from measurement data acquisition and analysis through to test stand automation, monitoring and vibration measurement technology. The products are being used in a range of branches including electrical engineering, mechanical engineering, energy technology as well as in the chemicals and pharmaceuticals industries.

Innovation – Intelligent Measurement Technology

Our aim is to supply our global customers with intelligent and universal data acquisition equipment and user-friendly measurement software. We achieve this through ongoing technological progress. Our customers need to be able to carry out their measurement and monitoring tasks efficiently and securely. Based on our many years of experience, we have extensive knowledge about products and applications and work permanently on technological innovations and new features for our products. Our innovations have been patented worldwide.

Continuity – Focusing on customers

We focus on our customers who benefit from our technical expertise as well as the more than 40 years of tried and tested experience we have gained in the field of industrial measurement technology. It is important to us to work closely with customers to determine their precise needs and requirements. This approach is reflected in our product range as well as in the long term customer relationships we have established. A multitude of medium-sized companies, world renowned industrial groups as well as research laboratories, authorities and universities place their trust in us and benefit from our many years of experience. We provide them with services ranging from pre-engineering through to training, whether for standard measurement systems or custom-made complete solutions.

Quality – Made in Germany

The continuous development of our products and maintaining the highest standards of quality are primary aims at Delphin. Delphin Technology AG is certified according to ISO 9001:2015. This guarantees that our products meet the most stringent of quality assurance requirements and will provide reliable service for your applications. Delphin gives you the “Made in Germany” guarantee.

Flexibility – Your Custom-made Complete Solution

Flexibility and simple structures are further building blocks within



our company philosophy. This means we meet the needs of the customer. We provide standard solutions as well as custom-made complete systems. We make mobile measurement cases, switch cabinets and complete test benches according to your specific needs and program them to your own personal requirements using ProfiSignal software.

Customer Service – Always a Priority

Customer service has top priority at Delphin. Our services include project planning, system installation, calibration, hotline services, courses, and project-based, tailor-made training sessions. System installation and training is carried out by a competent team of experienced engineers either at Delphin or at the customer's premises. Our package of services guarantees you first rate support from the outset!

Maximize Your Project Success with Our Versatile Products

From data recording to analysis – our solutions help companies optimize processes, reduce costs, and ensure the quality of their products.

All Benefits at a Glance

- **High-Precision Measurements:** Our products deliver highly accurate and reliable data, even under challenging conditions, forming the basis for sound decision-making.
- **Intuitive Software Solutions:** Delphin software allows easy configuration of measurement tasks and data analysis without deep programming knowledge.
- **High Data Availability and Security:** Continuous data acquisition with fail-safe storage increases data availability and enables access to historical data for analysis at any time.
- **Cost Efficiency through Automation:** Automated data acquisition, monitoring, and analysis reduce errors, lower operating costs, and enhance efficiency.
- **Modularity and Flexibility:** Our modular hardware can be flexibly expanded and adapted to new requirements – a long-term investment.
- **Multiple Interfaces:** Delphin provides numerous interfaces (e.g., OPC UA, Modbus, PROFIBUS, PROFINET) for seamless integration into existing systems with minimal time and effort.
- **Expert Consultation and Support:** Our experts develop the right solution for your measurement tasks, support implementation, and provide post-commissioning assistance.
- **Future-Proof Technologies:** Thanks to continuous development, you benefit from modern technologies and regular updates.



Products and solutions for your measuring and monitoring tasks



Universal
data acquisition



Test stands
and automation



Vibration
measurement



Process monitoring
and fault analysis



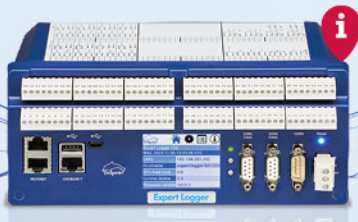
Decentralised
data acquisition



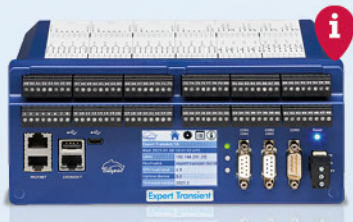
Industry
solutions



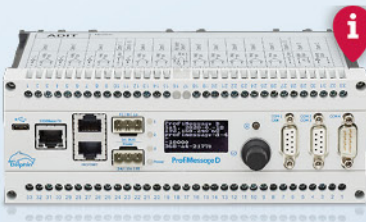
Loggito
LoggitoLab



Expert Logger



Expert Transient



ProfiMessage D



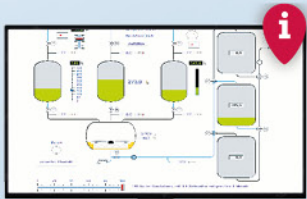
Expert Vibro



Complete Systems



ProfiSignal 20 Go/Basic



ProfiSignal Klicks



Delphin Data Center

Loggito – Compact Data Logger

Product description

Measurement technology for seamless data acquisition and monitoring of distributed measurement points, as well as low-channel measurement tasks in laboratories or process analysis.

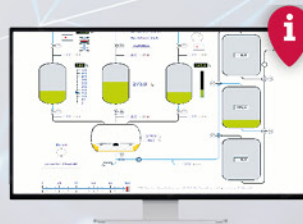
Product Highlights

- Up to 8 universal analog inputs for various sensor types
- 16 GB data storage for up to approx. 480 million measured values with pre- and post-trigger
- Communication via LAN, USB, Modbus TCP, and OPC UA
- Ultra-compact design for integration into existing systems

Suitable monitoring and analysis software



ProfiSignal 20 Go/Basic



ProfiSignal Klicks



Delphin Data Center



Technical specifications

Quick Start Guide

Easy-to-implement solutions for

- [Plant and machine monitoring](#)
- [Laboratory data acquisition](#)
- Building monitoring
- [Monitoring at distributed measuring points](#)
- [Test stands](#)

LoggitoLab – Compact Measurement Data Laboratory

- Ideal for laboratories & frequently changing measurement tasks on machines & systems
- A flexible, ready-to-use benchtop device with universal analog inputs.
- Laboratory and/or thermominiature jacks for tool-free connection of various current/voltage and temperature sensors

Expert Logger – Universal Measurement Data Acquisition

Product description

Multi-channel data logger for automatic and fail-safe acquisition and processing of measurement data, as well as permanent data storage.

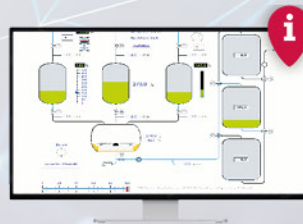
Product Highlights

- Up to 46 universal analog inputs for various sensor signals in a compact format
- 32 GB data storage for up to approx. 960 million measured values with pre- and post-trigger
- Communication via LAN, USB, Modbus TCP/RTU, PROFIBUS, PROFINET, RS 232/485, CAN Bus, and OPC UA
- Versatile application through integrated software channels for monitoring, automation, and analysis

Suitable monitoring and analysis software



ProfiSignal 20 Go/Basic



ProfiSignal Klicks



Delphin Data Center



Technical specifications

Quick Start Guide

Easy-to-implement solutions for

- [Measurement data analysis](#)
- [Test stand automation](#)
- [Fault value acquisition](#)
- [Laboratory data acquisition](#)
- [Environmental measurement technology](#)

Expert Transient – Synchronous Fault Specialist

Produktbeschreibung

Autonomous data recorder for capturing and analyzing fast and sporadic events, as well as periodic and continuous signals.

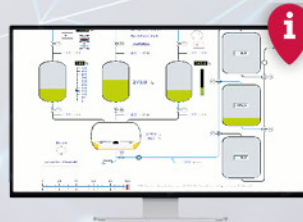
Product Highlights

- Up to 16 differential, galvanically isolated analog inputs for transient and periodic signals
- 32 GB data storage for up to approx. 2.3 billion measured values with pre- and post-trigger
- Communication via LAN, USB, PROFIBUS, PROFINET, Modbus TCP/RTU, RS 232/485, CAN Bus, and OPC UA
- Passive PROFIBUS sniffer for recording PLC signals

Suitable monitoring and analysis software



ProfiSignal 20 Go/Basic



ProfiSignal Klicks



Delphin Data Center



Expert Transient



Technical specifications

Easy-to-implement solutions for

- [Troubleshooting on machines, systems and devices](#)
- [Fast process monitoring and controller optimisation](#)
- Crash, detonation and explosion tests
- Shock and vibration measurement
- Material research and environmental simulation

ProfiMessageD – Modular Measurement Data Acquisition

Product description

Measurement data acquisition system for monitoring and automation tasks in machines, systems, and test benches, including autonomous data storage within the DAQ device.

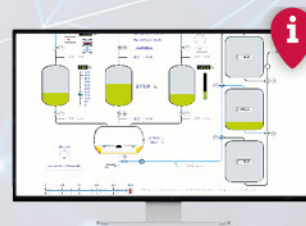
Product Highlights

- Up to 32 universal analog inputs per device, flexibly expandable via slave units
- 32 GB data storage for up to approx. 960 million measured values with pre- and post-trigger
- Communication via LAN, USB, PROFIBUS, PROFINET, Modbus TCP/RTU, OPC UA, RS 232/485, and CAN Bus
- Optimal adaptability to the application through various I/O modules

Suitable monitoring and analysis software



ProfiSignal 20 Go/Basic



ProfiSignal Klicks



Delphin Data Center



Technical specifications

Quick Start Guide

Easy-to-implement solutions for

- [Monitoring and surveillance systems](#)
- [Process data acquisition and pre-processing](#)
- [Fault value detection and damage analysis](#)
- [Automation device for testing and test stands](#)
- [Remote monitoring device for machines and systems](#)

Expert Vibro – Advanced Vibration Specialist

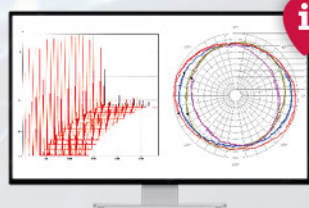
Product description

Vibration measurement device for continuous acquisition and online analysis of vibration data, as well as condition monitoring of bearings, shafts, and machines.

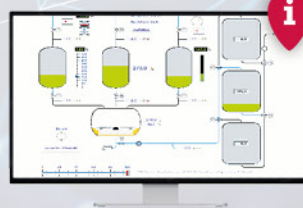
Product Highlights

- Up to 16 synchronous analog inputs, individually triggerable in a compact design
- 32 GB data storage for up to approx. 2.3 billion measured values with pre- and post-trigger
- Communication via USB, LAN, OPC UA, PROFIBUS, PROFINET, Modbus TCP/RTU, RS 232/485, and CAN Bus
- Complete signal processing including FFT and characteristic value calculation within the device

Suitable monitoring and analysis software



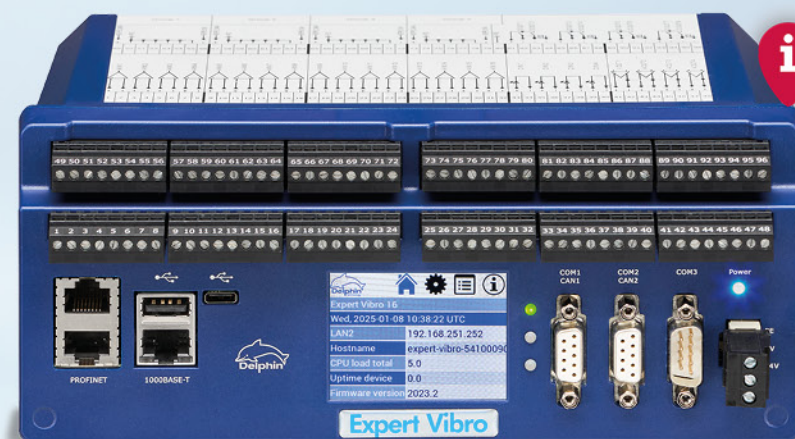
Vibro



ProfiSignal Klicks



Delphin Data Center



Expert Vibro



Technical specifications

Quick Start Guide

Easy-to-implement solutions for

- [Shaft vibration](#)
- [Machine and housing vibration](#)
- [Condition monitoring](#)
- [Bearing vibration](#)
- [Turbines and generators](#)

Measurement Cases – For Mobile Data Acquisition

Product description

The most powerful solution for professional mobile data acquisition. Integrated control and regulation functions allow use in automation technology.

Product Highlights

- Customizable measurement cases combine the benefits of high-quality measuring and testing devices with mobile data logging
- Rugged construction with durable plastic and aluminum ensures high reliability – ideal for quality assurance, service, and commissioning.
- Freely selectable connectors (e.g., lab sockets, screw terminals) wired to a robust front panel with engraved labels – optimal plug-and-play solution



Easy-to-implement solutions for

- [Voltage, Current, Temperatures](#)
- [Energy measurement](#)
- [Vibration measurement](#)
- [Fault analysis](#)
- [Quality assurance](#)
- [Service and commissioning](#)

Complete Systems – For Measurement and Automation Tasks

Product description

Data acquisition systems for specific requirements in monitoring and automation of machines, plants, and test stands, including intelligent preprocessing and autonomous data storage.

Product overview

- **19"-racks and instrument cabinets**
 - Custom 19"-racks and instrument cabinets tailored for specific testing, measurement, and automation tasks
 - Industry-specific builds in 19" technology and instrument cabinet solutions designed to customer specifications
 - Third-party devices and components can be easily integrated
 - Complete systems are delivered with matching software and are immediately ready for use
- **Luminaire tester**
- **Multi-channel temperature measuring device**
- **Universal tester**



Instrument cabinets

Product Highlight

Complete systems are supplied with the corresponding software and are therefore ready for immediate connection and use.

Easy-to-implement solutions for

- [Measured value acquisition](#)
- [Fault analysis](#)
- [Energy and process data acquisition](#)
- [Vibration analysis](#)
- [Quality assurance](#)
- [Trial and test](#)
- [Laboratory and test stand automation](#)

ProfiSignal20 Go/Basic – Platform-Independent Measurement Software

Product description

Modern software for data analysis and visualization with optimal user-friendliness and versatile functionality for a wide range of measurement and testing tasks.

Product Highlights

- Modern interfaces and user concepts: adapted to the look & feel of each platform for effective onboarding
- Advanced analysis functions: Various diagram types and analysis tools for deeper insights and better data interpretation
- Cloud service integration: Enables remote access and networking
- Flexible licensing models: Optimized licensing options for different user requirements
- SCACH Function („Scan and Check“): Minimizes user effort and reduces system downtime and safety risks



Quick Start Guide

Easy-to-implement solutions for

- [Measurement data acquisition and storage](#)
- Measurement data visualisation in online and offline diagrams
- Measured value analysis and evaluations
- Data export and printout
- Creation of system and process visualisations
- Operating and monitoring systems and processes

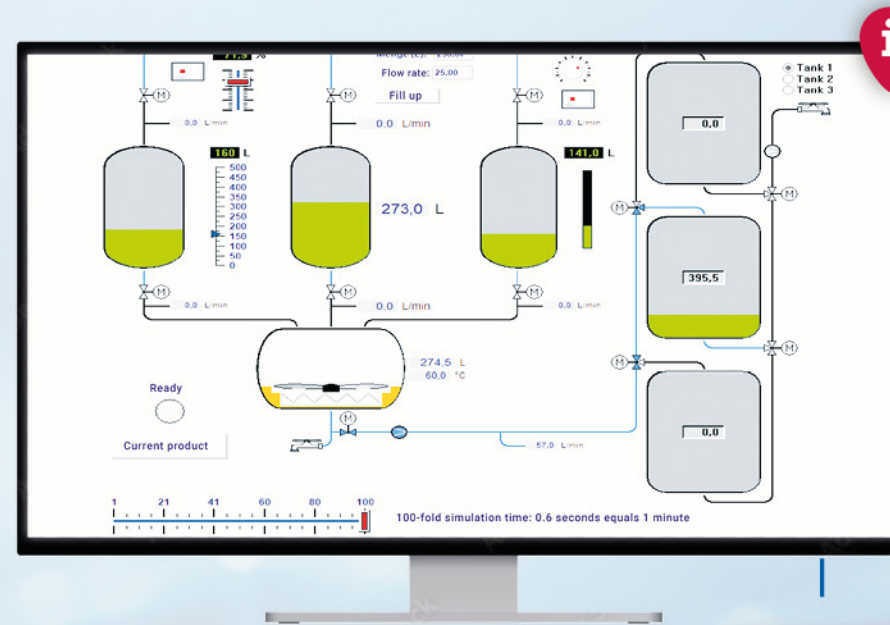
ProfiSignalKlicks – All-in-One Automation Software

Product description

Software for measurement data acquisition, analysis, and visualization with a simple programming environment for automation and custom applications.

Product Highlights

- Intuitive operation: User-friendly interface for quick setup and customization of measurement workflows
- Real-time analysis: Direct visualization and analysis of measurement data for rapid and informed decisions
- Flexible interfaces: Supports numerous data sources
- Automation made easy: Simple scripting and automation routines without deep programming knowledge
- Comprehensive reporting: Convenient tools for creating meaningful and customizable reports



Easy-to-implement solutions for

- Test stands automation with visualisation and operation
- [Sequence controls](#)
- Management of test parameters and recipes
- [Automation of measurement tasks](#)
- Product testing during development
- [Service life tests](#)
- [Laboratory automation](#)

Software packages and additional functions

The basic version of the Delphin software already offers many functions and can be expanded with additional functions as required. The various software packages provide additional tools for special applications.

Additional functions

- Vibration measurement Vibro
- Audit trail
- Alarm management
- SQL/ODBC

Software packages

- Vibration analysis
- FDA
- Fault value analysis
- For developers

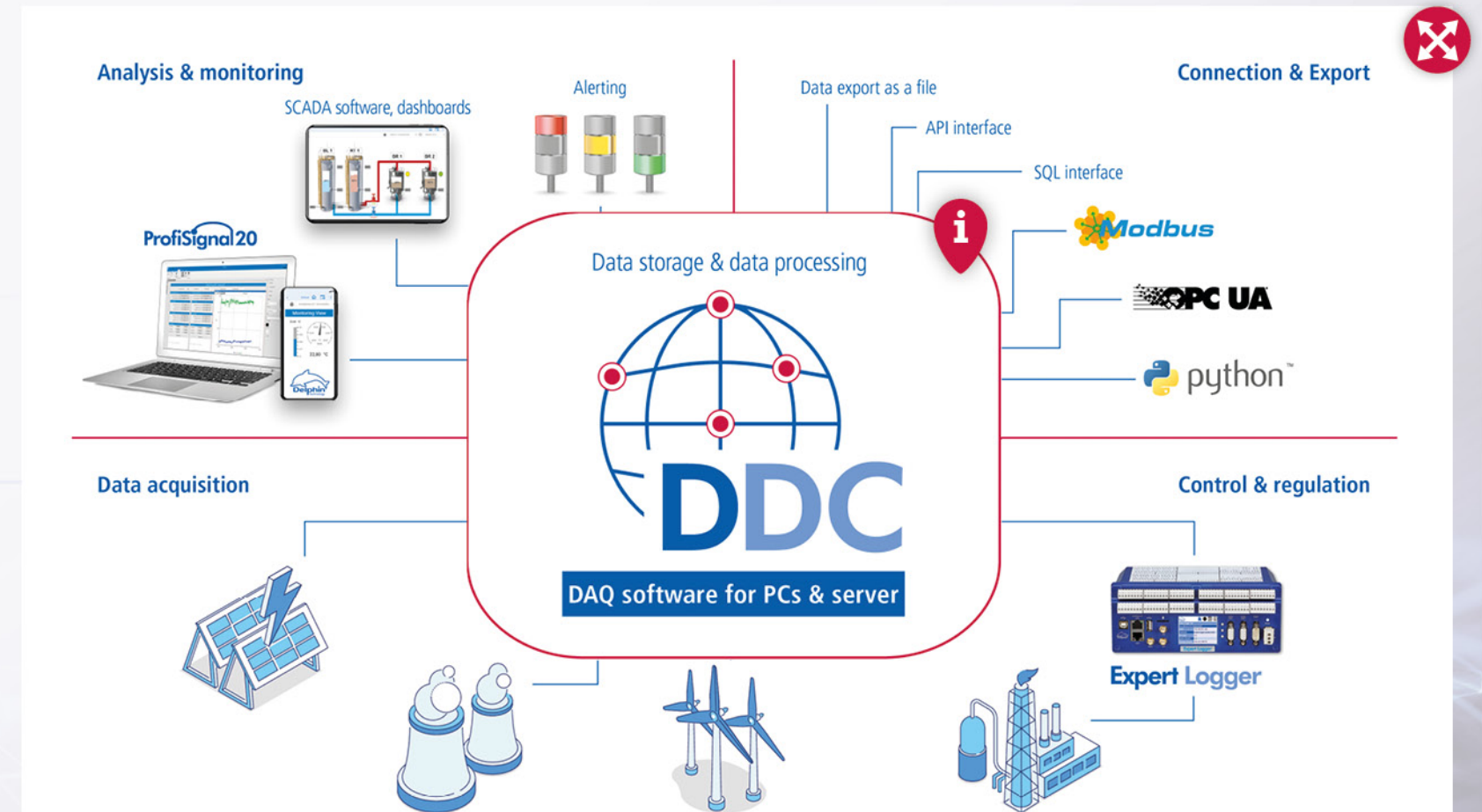
Delphin Data Center – Centralized Measurement Data Management

Product description

Central software solution for global networking of systems, machines, and test stands. Secure, high-performance, and traceable archiving, monitoring, and analysis of measurement data – accessible anytime, on any device.

Product Highlights

- Centralized data acquisition: Unified management of data from diverse sources
- Fast data access: Efficient data archiving and analysis
- Secure data transmission: SSL encryption ensures maximum data security
- Simple integration: Quick setup without programming
- New business models: Enables 'Condition Monitoring as a Service' via user-selective access rights
- Optimal process data management: Efficient management and analysis of process data for better decision-making



Easy-to-implement solutions for

- [Condition monitoring of machines and systems](#)
- [Service life testing and long-term archiving](#)
- [Synchronisation of global measurement and monitoring tasks](#)
- [Data standardisation and consolidation](#)
- [FDA-compliant applications / clean room monitoring](#)
- [Operating and process data acquisition \(BDE\)](#)

Tailored Solutions for Precise & Reliable



Measurement Data Acquisition

Delphin offers flexible data acquisition solutions for various measurement requirements – from slow to high-speed acquisition rates and a wide range of interfaces. Advantages include galvanic isolation, universal inputs, fail-safe data storage, and intuitive visualization. Users benefit from versatility across applications and ease of use, which improves efficiency in complex measurement tasks.

[More about Measurement Data Acquisition](#)



Test Stands and Automation

Optimized solutions for data acquisition at test stands and automated control for quality assurance and end-of-line tests. Delphin enables easy configuration, reliable data acquisition, and flexible automation without the need for programming. Time-saving, user-friendly automation reduces costs and allows quick adaptation to changing requirements – boosting product quality and process reliability.

[More about Test Stands and Automation](#)



Vibration Measurement

Solutions for vibration measurement used in condition monitoring and fault diagnostics in machines and systems. These allow parallel acquisition of vibration and process signals, comprehensive analysis options, and secure long-term data storage. Early fault detection and precise analysis reduce maintenance costs and extend machine service life – ensuring high operational safety.

[More about Vibration Measurement](#)

Our versatile measurement technology solutions offer companies in a wide range of industries efficiency, flexibility and maximum process reliability - customised to your specific requirements.

Tailored Solutions for Precise & Reliable



Process Monitoring and Fault Analysis

Continuous process monitoring and error analysis help optimize operations and resource efficiency. Features include alarm management, flexible visualization, and secure data acquisition for early fault detection. Online monitoring enables quick responses and minimizes downtime, ensuring optimal resource use and reduced production losses.

[More about Process Monitoring and Fault Analysis](#)



Decentralized Data Acquisition

Delphin offers decentralized measurement technology for monitoring distributed measurement points with central data management, fail-safe operation, and remote access via smartphone or tablet. This improves flexibility and responsiveness to unexpected events – even in remote locations.

[More about Decentralized Data Acquisition](#)



Industry Solutions in Measurement Technology

Delphin provides tailored solutions for various industries with a focus on data security, precision, and turnkey delivery. The comprehensive system – consisting of hardware and software – allows remote access to data and processes. Industry-specific customization ensures maximum accuracy and reliability, while turnkey service shortens implementation time and simplifies the process.

[More about Industry Solutions in Measurement Technology](#)

Our versatile measurement technology solutions offer companies in a wide range of industries efficiency, flexibility and maximum process reliability - customised to your specific requirements.

Comprehensive Measurement Technology Service – Individually Tailored Solutions

From the initial consultation to selecting the right products, commissioning, and maintenance, our services ensure not only technical security but also efficiency and sustainability in all measurement processes.

All Services at a Glance

- **Instrument Cabinet Construction:** Individually configured instrument cabinets including hardware setup – everything from a single source.
- **Calibration:** Ensuring precision and traceability of your measurement results through professional calibration.
- **Application Development:** Custom, turnkey complete solutions for your measurement and automation tasks.
- **Service Contracts:** Secure your measurement processes and protect your investment with flexible Service Agreements.
- **Support Hotline:** Fast and competent assistance from our support hotline for any questions or problems.
- **Training:** Basic seminars and application-specific training to optimally prepare your staff.
- **Commissioning:** Professional support during the Installation of your measurement technology by our experienced service engineers on-site.
- **Project Planning:** From concept to implementation – we accompany complex measurement projects every step of the way.
- **Engineering:** Support for partial implementation or complete engineering by our engineers and application developers.



Delphin Technology AG – Your partner for industrial measuring and testing technology

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„At Delphin, we supply our customers worldwide with intelligent and universally applicable data acquisition devices and intuitive measurement software. This enables our customers to carry out their measurement and monitoring tasks with great efficiency and safety..“



www.delphin.de/en