

■ ADVANCED TECHNOLOGIES



Engineers you can trust



The business area Advanced Technologies of the BERNARD Gruppe plans, develops and supplies individual specialized solutions. Our work focuses on contract and product development for industry, trade and public clients, and we provide our clients with comprehensive support in consulting, planning, design, project management, development and realization. We also provide support during implementation and handover on site and with services and training.

We sell our own in-house developed products. For our clients we also offer delivery, assembly and individual support services.

Our employees have been involved in basic research at internationally recognized universities and elite institutes in the field of quantum physics and have worked in the development departments of market-leading, internationally active industrial companies.

As experts in the fields of measurement and control technology, electronics, electrical engineering, optics, optoelectronics, mechanics, physics and quantum technology, we advance innovation. We are specialized in applications that are about to be launched on the market and spare no effort to support our clients in their challenges at any time.

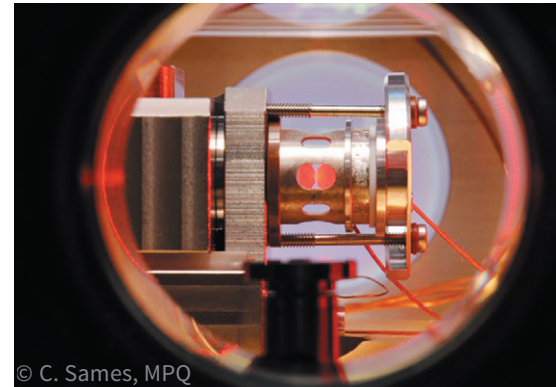
ABOUT US

ADVANCED TECHNOLOGIES

SERVICES

We develop customized software and hardware for our clients. Our services also include cost-benefit analyses, feasibility studies, proofs of concept and expert opinions.

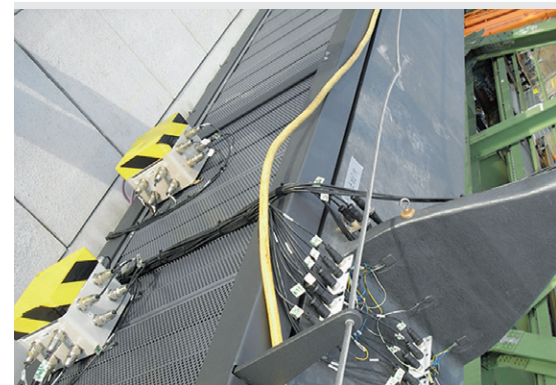
System or prototype developments are integrated by us at our Client's site. Client-oriented support does not end with installation and commissioning, but we also offer services for maintenance, support and training. We are a certified National Instruments Alliance Partner.



PRODUCTS

BERNARD Structure Analyser

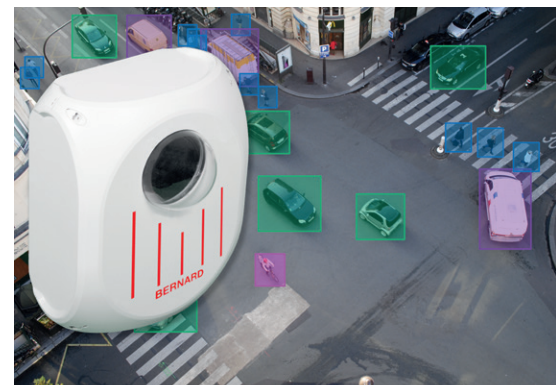
The BERNARD Structure Analyser consists of an individually developed and configurable monitoring system for the measurement of various physical and chemical parameters such as strain, vibration, corrosion, pressure, temperature, shock, crack formation and gas development - each being monitored on a permanent basis. If the limit value is exceeded, an alarm is sent by call, SMS or email. We create customer-specific evaluations and presentations of the collected data. The BERNARD Structure Analyser is offered as a purchase or lease option.



BERNARD Mobility Analyser

The BERNARD Mobility Analyser consists of an intelligent optical system that provides information about road users and traffic flow directly on site. No videos are stored. The anonymous evaluation is carried out directly in the camera system. This real-time information is used to intelligently control traffic systems, improve safety at pedestrian crossings or school bus stops, or to inform about free parking spaces on streets or in car parks. The BERNARD Mobility Analyser is also used in transport planning to collect data and make it available in real time.

The BERNARD Mobility Analyser is available as a permanent or mobile measuring station and is supplied, installed and commissioned by us.



BERNARD Gruppe

Germany

Josef-Felder-Straße 53 • 81241 Munich
T +49 89 2000149 0 • F +49 89 2000149 20
info@bernard-gruppe.com

Austria

Bahnhofstraße 19 • 6060 Hall in Tirol
T +43 5223 5840 0 • F +43 5223 5840 201
info@bernard-gruppe.com