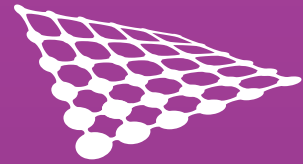


logi.GUARD



Messfeld

Kompetenz in
Condition Monitoring

House of Condition Monitoring
Freely programmable Condition Monitoring Platform developed by logi.cals - powered by Messfeld

logi.cals[®]
all the more power



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logi.GUARD



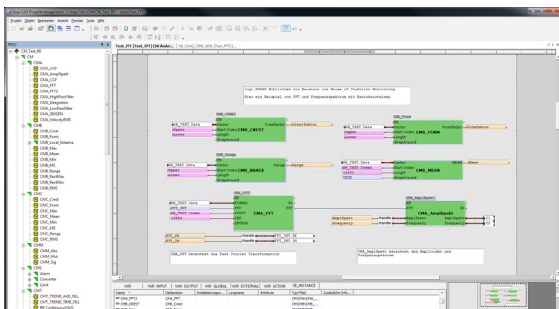
A Perfectly Complete System Combining Condition Monitoring and Automation

logi.GUARD „powered by Messfeld“ is a component of the House of Condition Monitoring, which optimally combines Condition Monitoring and automation. The basis for this intelligent system is a simple approach: integrated instead of isolated applications – standard components instead of special solutions – freely programmable platform instead of restricted software systems. The result is a homogeneous and complete system with a considerably better cost-benefit ratio.

- **Ability to integrate with any control system**
The integrated logi.GUARD Condition Monitoring solution makes it very easy to implement functions for condition data collection and evaluation. logi.GUARD can also be easily integrated within existing control systems.
- **Fully customizable and modularly expandable**
logi.GUARD Condition Monitoring is characterized by its modular design, by the use of manufacturer-independent hardware and by the use of standard software for implementing automation solutions. The system is therefore customizable and easily expandable. Configuration is done via a graphical user interface.
- **Measurably increases your productivity**
Integrated Condition Monitoring becomes an integrated sub-process of a plant. The freely programmable Condition Monitoring Platform allows sophisticated combinations of various data and data parameters which enables one to fully tap potential cost reductions and efficiency improvements.

Configuration via graphical user interface

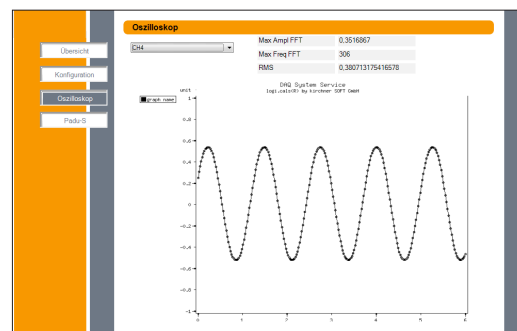
logi.CAD for function specification and configuration. logi.VIS for display. The graphical user interface of logi.GUARD Condition Monitoring combines optimal flexibility with maximum ease-of-use.



Configuration of a Condition Monitoring task via the graphical user interface.

Local visualization or web browser visualization

Easy and clear – the freely programmable Condition Monitoring Platform offers both local visualization via the panel and remote visualization via a web browser.



Local visualization on the panel and remote visualization in the web browser

House of Condition Monitoring

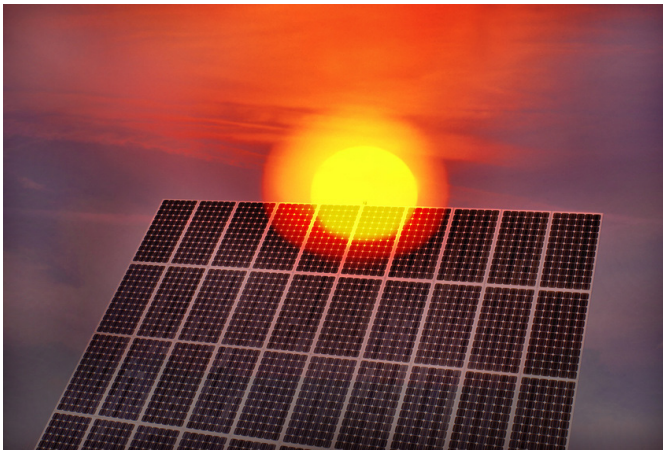
All Components from One Source



The House of Condition Monitoring combines all competences necessary for efficient, thus reasonable Condition Monitoring. Together with our network partner Messfeld we offer support for analysis, conceptional design and implementation of sustainable solutions and optimizing measurements by using Condition Monitoring.

The component logi.GUARD as a freely programmable platform offers for the first time an opportunity to combine various data and data parameters in a sophisticated, yet simple way.

Engineering and automation covers total system planning, parameter and data concept development, maintenance process integration as well as R/I scheme implementation and partial planning. Integration of functions with automation solutions follows the selection and installation of the required hardware. Development of parameters and Condition Monitoring functionality then follows together with visualization design.



IKT Award 2010



Jutta Isopp (Messfeld) and Heinrich Steininger (logi.cals)

Messfeld and logi.cals received the IKT Award 2010 (2nd place) for their project „Maintenance meets Automation“. The Carinthian Economic Promotion Fund awards small and medium-sized companies this information and communication prize for innovative projects that promote new and improved products for the market .

Our innovative products ICMP powered by logi.cals and logi.GUARD powered by Messfeld from the House of Condition Monitoring convinced the members of the jury.

Our innovation: the above mentioned products, combined in a „Condition Monitoring Platform“, offer for the first time an opportunity to combine various data and data parameters in a sophisticated, yet simple way and to fully tap potential cost reductions and efficiency improvements by using Condition Monitoring - with little investment in systems and man power.

All the more tools

AUTOMATION

logi.CAD

Engineering

logi.CAD is a highly productive and open automation platform. The optimally matched „tool chain“ supports engineers in all phases of automation project implementation, i.e. from planning, implementation and testing to commissioning and maintenance.

logi.VIS

Visualization

The visualization platform logi.VIS is a perfect add-on for logi.CAD. Individual design of visualization tasks is done quickly and easily. Third-party systems are also supported.

DEVICE

logi.RTS

Shortly: support for IEC 61508 up to SIL3 and EN ISO 13849!

Runtime Environment

Runtime system logi.RTS connects the automation application with the operating system of the target hardware. This environment provides process data of the automation system and processes it in cyclical and event-triggered procedures. Multi-tasking and -resourcing, i.e. several virtual controls on one CPU is standard for logi.RTS.

BUNDLES

logi.PLC

System Solutions

Based on software from logi.cals and partner hardware, logi.cals provides comprehensive system solutions.

logi.GUARD CM

Integration

logi.GUARD CM allows integration of Condition Monitoring functions in logi.CAD and realising condition-based maintenance of machines and plants.

SAFETY

logi.SIL

Your Key to Safety

Most of the specific safety engineering systems are not easy-to-use, universal programming systems with safety functions are usually overpowered for safe automation tasks. Simply enhance your standard engineering system with logi.SIL.



logi.cals GmbH Austria

Mailüfterlweg 1, 3124 Oberwölbling, AUSTRIA
T: +43 2786 77147
F: +43 2786 77147-16
E: info@logicals.com
I: www.logicals.com

logi.cals GmbH Germany

Poststraße 53, 40764 Langenfeld, GERMANY
T: +49 2173 9191-0
F: +49 2173 9191-19
E: germany@logicals.com
I: www.logicals.com

Messfeld GmbH

Lakeside B01b, 9020 Klagenfurt, AUSTRIA
T: +43 463 219350
F: +43 463 219350 - 20
E: office@messfeld.com
I: www.messfeld.com

IMPRINT

Responsible for content:
Heinrich Steininger, logi.cals automation solutions & services GmbH,
3124 Oberwölbling, Austria
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Das Kommunikationshaus Bad Aussee, www.kommhaus.com

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