Movement by Perfection

The Royal League in **ventilation**, control and drive technology

ZA bluegalaxy

Special cloud for ventilation, control technology and drive technology

ZIEHL-ABEGG

ZAbluegalaxy

Cross-product, open-market, secure

YOUR GATEWAY

To the way   of tomorrow

ZIEHL-ABEGG

ZAbluegalaxy
Cloud-based data room for smart device monitoring

Get your company ready for a **360° overview** of all your net-workable devices, from fans and motors to complex elevator systems. You and your customers can join ZAbluegalaxy with just one network-capable device. The ZAbluegalaxy opens up high-security virtual data rooms that are in a class of their own, specializing in ventilation, control and drive technology.

With our smart cloud technologies you get a real-time view of all your networked products at the click of a mouse. Remote monitoring automatically forwards warnings to you by e-mail, SMS or WhatsApp. In safe mode you can monitor, communicate with, and analyse in secure mode, using highly intelligent features, all the status of your devices, or those of your customers, worldwide - wherever you are.

Manage productivity and control your devices through a clear user interface with all of the relevant information you need at your fingertips. Some examples of information you can access include current fan status (e.g. temperature, vibration, motor parameters), **predictive maintenance** information, and the current and past performance of your products or those of your customers.
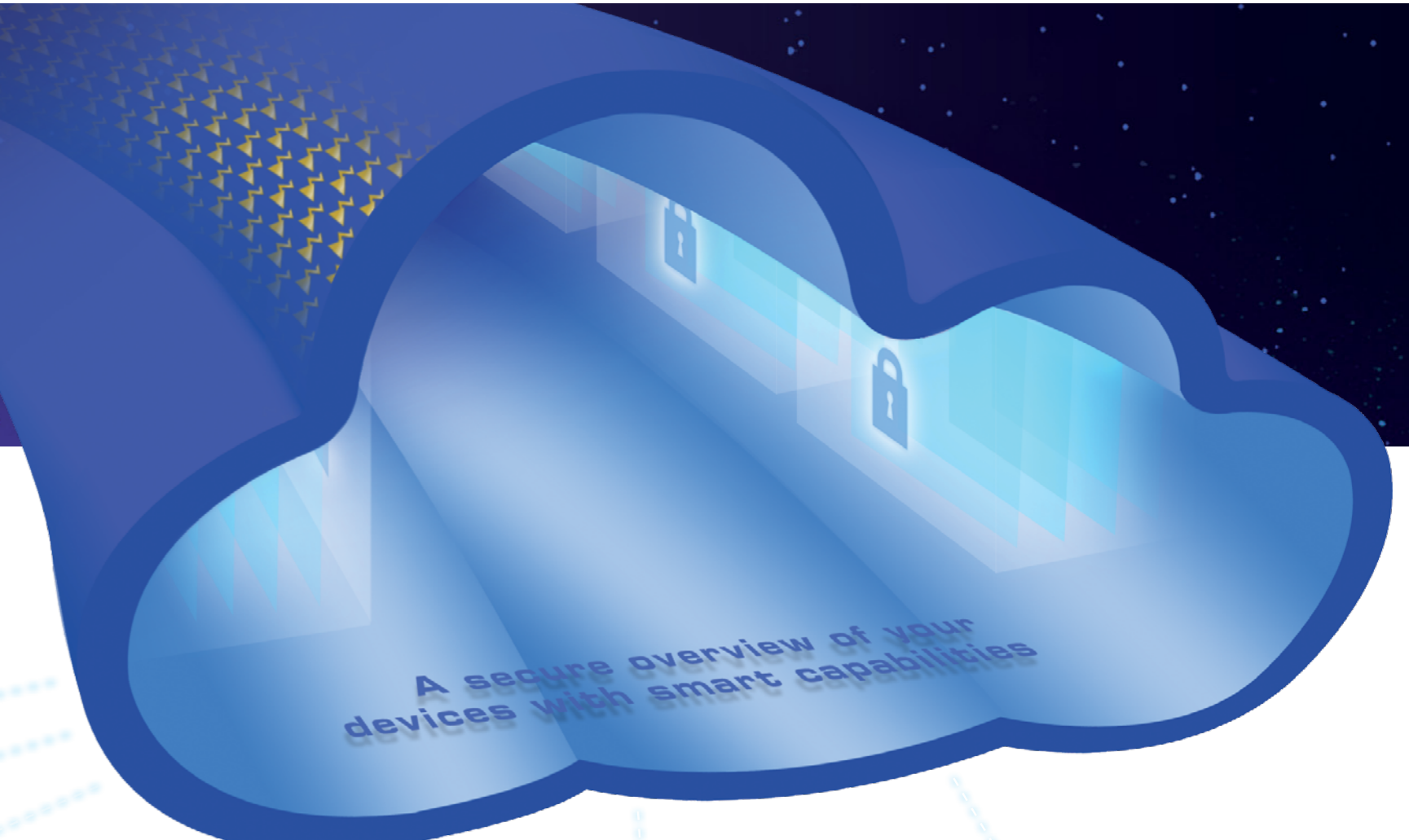
ZAbluegalaxy
Cross-product, open-market, secure

The future of all things starts here – ZAbluegalaxy – the virtual high-tech platform

New, high-security data rooms designed for the highest operational performance and ease of use with predictive maintenance tools for even more efficient results, new resources, satisfied customers and more corporate profits
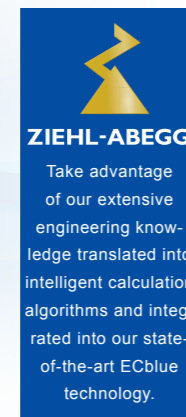
With just one click you have an overview of all your networked devices, their condition and processes, conveniently and clearly from anywhere in the world.

A secure overview of your devices with smart capabilities

Convenient information look-up from any location worldwide, for each individual network connect device, in a matter of seconds, for example:

Worldwide look-up

Bearing condition	e.g. lubrication problems, damaged elements
Operating state	e.g. contamination and cooling condition
Vibration state	e.g. unbalance detection
Operating hours	e.g. load profile of the fan
Measurement parameter	e.g. acceleration and temperature sensor
Predictive maintenance	e.g. calculations of the remaining service life

High-security customer areas and associated systems

ZAbluegalaxy
Cloud-based industrial web platform with data rooms, analytics, management portals and advanced services to connect on-premise and other cloud data systems

Exceptional, profitable service is available for your business

Custom gateway

Your result look-up:

User interface

All networkable products

ZIEHL-ABEGG app – ZAset mobile

ZIEHL-ABEGG Take advantage of our extensive engineering knowledge translated into intelligent calculation algorithms and integrated into our state-of-the-art ECblue technology.

360°
360° overview of all devices, applications and processes, every second, every day – ready worldwide for immediate business decisions and long-term planning

CONNECTING
Every networkable device from fans to elevators

• Connection and management of sensors, gateways, frequency converters, fans or elevator drives
• Open standards based on MQTT communication
• Secure connection and communication
• Scalable worldwide, starting with a single device
• Hardware independent cloud connection for any device with BUS communication

MONITORING
All operations of your products, machines and processes

• Real-time monitoring of device behaviour and presentation of historical data documentation
• Automatic alarms on each mobile device (including services if necessary) when set limit values are exceeded
• View of all findings from individual devices to thousands of devices
• Permanent checking of the availability of equipment and machinery

ANALYSING
Gather and analyze information and data

• Prediction of the running and operational capability of all devices in detail or in the overall view of intelligent observation functions of environmental conditions, e.g. overheating due to solar radiation and much more.
• Gain insights into product behaviour in order to optimise processes and thus generate benefits for better company results
• Prediction of future failures and algorithm for service life prediction of ZIEHL-ABEGG products for predictive maintenance

INFORMATION AND ADMINISTRATION
Data storage and reporting

• Continuously monitor device data in the cloud at any time
• Log technical malfunctions or defective components that lead to breakdowns
• Integration of important data from other data sources or even from other IoT platforms
• Use of advanced data storage functions

SERVICES
Multifunctional options for maximum flexibility and adaptability

• User administration
• Customer administration
• Product administration
• Alarm management and other notifications viewable on a world-map display that instantly updates
• Threshold management
• Alarm notification via e-mail, WhatsApp and SMS

SECURITY
Protected addressing and risk management through special security functions

• Enforce the required level of security and privacy for the IIoT solution from the device to the network to the cloud and beyond
• End-to-end high-security capabilities for devices, data and connections
• Data protection and access control

The Royal League

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