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## DISCOVER THE NEXT e<sup>3</sup> CONNECT DIMENSION – GET CONNECTED TO THE FUTURE OF SAVING LIVES

*LUKAS Hydraulik GmbH is launching the smart e<sup>3</sup>CONNECT series of rescue equipment at Interschutz in Hanover on June 20, 2022. It has smart sensors with IoT-exchange with the Captium service platform. With technical reports, safety analyses and the full overview of all devices. For more operational readiness than ever before.*

**Once again, the Erlangen-based hydraulic products company is setting new standards and taking the rescue industry to a new level, as the new e<sup>3</sup>CONNECT equipment series features smart sensors with an IoT-exchange with the Captium service platform. Technical reports, safety analyses and a full overview of all equipment in the fleet, enable more operational readiness than ever before through optimized maintenance management, maximized device readiness and longer service life of the rescue equipment.**

But how does it work? The collected data is transmitted automatically. This is made possible by the WIFI capability of the new e<sup>3</sup>CONNECT devices. All that is needed is a WIFI/LTE router or a hotspot created by a mobile device to which the e<sup>3</sup> CONNECT device can connect. After the initial connection has occurred, the rescue tools connect automatically after collecting the data with the receiver and transfer the data to the cloud. The LUKAS e<sup>3</sup>CONNECT devices can store up to eight different routers and connect to the strongest signal. The data is then processed by the web-based database Captium, developed in cooperation with Microsoft, and subsequently made available to the user.

### OPTIMIZED DEVICE MANAGEMENT

In the future, the Captium database will provide the customer with a holistic visual overview of the whereabouts and condition of the individual rescue tools in the fleet. The LOCATOR marks the location on the map where the rescue tools last transmitted data and also provides information about the readiness of the respective tool. This makes it possible to react quickly to any malfunctions or failures. The fleet management is always up to date by updating the equipment management in Captium in real time and can thus be optimally adapted to the circumstances and becomes much more effective and efficient.

### EARLY ERROR DETECTION

In case of malfunctions in the field, the e<sup>3</sup> CONNECT devices send alerts to the responsible users as soon as the next data transmission has taken place after the devices have connected. On the one hand, these alerts are sent to the Captium database, on the other hand, the responsible service employee receives an e-mail directly to be informed about the malfunction.

### SAVE TIME. SAVE LIVES.

Since 1972 LUKAS has been developing hydraulic rescue equipment for use in the field. With a lot of commitment and passion for the industry they are pioneers and set the innovation trends such as eDRAULIC, special blade geometries and liquid-protected rescue tools - the eWXTs.

With LUKAS rescue products you can survive any rescue scenario and are equipped with high quality rescue tools. This demand on ourselves in the future as well. With the new e<sup>3</sup> generation, the exchange between the rescuer and the rescue equipment is no longer a vision of the future. Operations will be safer in the future, intelligent and more powerful!

All for a common mission: Saving lives.

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The Captium alerts cover a huge range of potential malfunctions. These include but are not limited to: tools detecting and reporting on severe vibrations in the device, possible damage to the blades, faults in the electronics or motor, a low battery performance or the advice to flush the device through after salt water use. Thanks to the highly efficient error detection system and maintenance support, the customer is always equipped with a fully functional device.

## INTEGRATED SERVICE WORKFLOW

Through e<sup>3</sup>CONNECT and Captium, all fire departments have an easier overview of the maintenance process of the rescue equipment in use. This is made possible by the database embedded device service. It informs the customers about upcoming intervals, schedules appointments with their respective service partner and takes over the documentation of the maintenance service performed.

Any. Time. Ready. This is the future of rescue with e<sup>3</sup> CONNECT.

Weitere Informationen unter: [www.lukasrescue.com](http://www.lukasrescue.com); [www.captiumconnect.com](http://www.captiumconnect.com)

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