## SEGGER announces embOS-Safe, the SIL 3 certfied RTOS for safety-critical applications

### Hilden/Monheim, Germany – February 7th, 2018 –

embOS, SEGGER's signature RTOS, is known for its small footprint, performance, reliability and intuitive API, and has been proven for more than twenty years in commercial applications.

By popular demand, a certified version is now available for safety-critical applications.

Certified by TÜV SÜD, embOS-Safe complies with the functional safety standards IEC 61508 SIL 3 and IEC 62304 Class C (medical devices).

The certification highlights the high-quality standards of SEGGER's development processes, now making it even easier to use embOS in safety-critical key market segments such as medical, automotive, aviation and home appliances.

Customers requiring embOS-Safe gain access to a proven, reliable solution with all embOS key features, including multi-tasking, comprehensive communication and synchronization services, along with full memory protection.

embOS-Safe is provided with a certification kit containing all necessary documents, including the comprehensive embOS safety manual, making it easy to integrate it into your application, even for applications that have not taken advantage of an RTOS before.

embOS-Safe is further complemented in safety-critical environments by SEGGER's leading cross-platform IDE Embedded Studio, the proven embOS/IP and emUSB communication stacks, the bullet-proof file system emFile and the industry-standard graphics package emWin, as well as the J-Link debug probes and Flasher production tools.

IEC 61508 is the standard for functional safety and is referenced in multiple derived standards.

embOS certifications according to other standards, including ISO 26262 for automotive devices, can consequently also be done easily.

"Certification is vital to many safety applications. embOS-Safe provides developers with a comprehensive tool to match their safety and reliability requirements," says Til Stork, embOS Product Manager at SEGGER. "embOS is now certified according to IEC 61508 SIL 3 and IEC 62304 Class C, and it simply works!"

Further information on SEGGER's priority-controlled multi-tasking platform embOS is available at: https://www.segger.com/products/rtos/embos/editions/embos-safe

### ###

## About SEGGER

**SEGGER Microcontroller** is a full-range supplier of software, hardware and development tools for embedded systems. The company offers support throughout the whole development process with affordable, high quality, flexible and easy-to-use tools and components. SEGGER offers solutions for secure communication as well as data and product security, meeting the needs of the rapidly evolving Internet of Things (IoT). The company was founded by Rolf Segger in 1992, is privately held, and is growing steadily. Headquartered in Germany with US offices in the Boston area as well as Silicon Valley and distributors in all continents, SEGGER offers its full product range worldwide. For additional information, visit: www.segger.com

## Contact information:

Dirk Akemann
Marketing Manager
Tel:      +49-2103-2878-0
E-mail: info@segger.com

## Issued on behalf of:

| SEGGER Microcontroller GmbH | SEGGER Microcontroller Systems LLC |
| --- | --- |
| In den Weiden 11 | 101 Suffolk Lane |
| 40721 Hilden | Gardner, MA 01440 |
| Germany | United States of America |
| www.segger.com | www.segger.com |