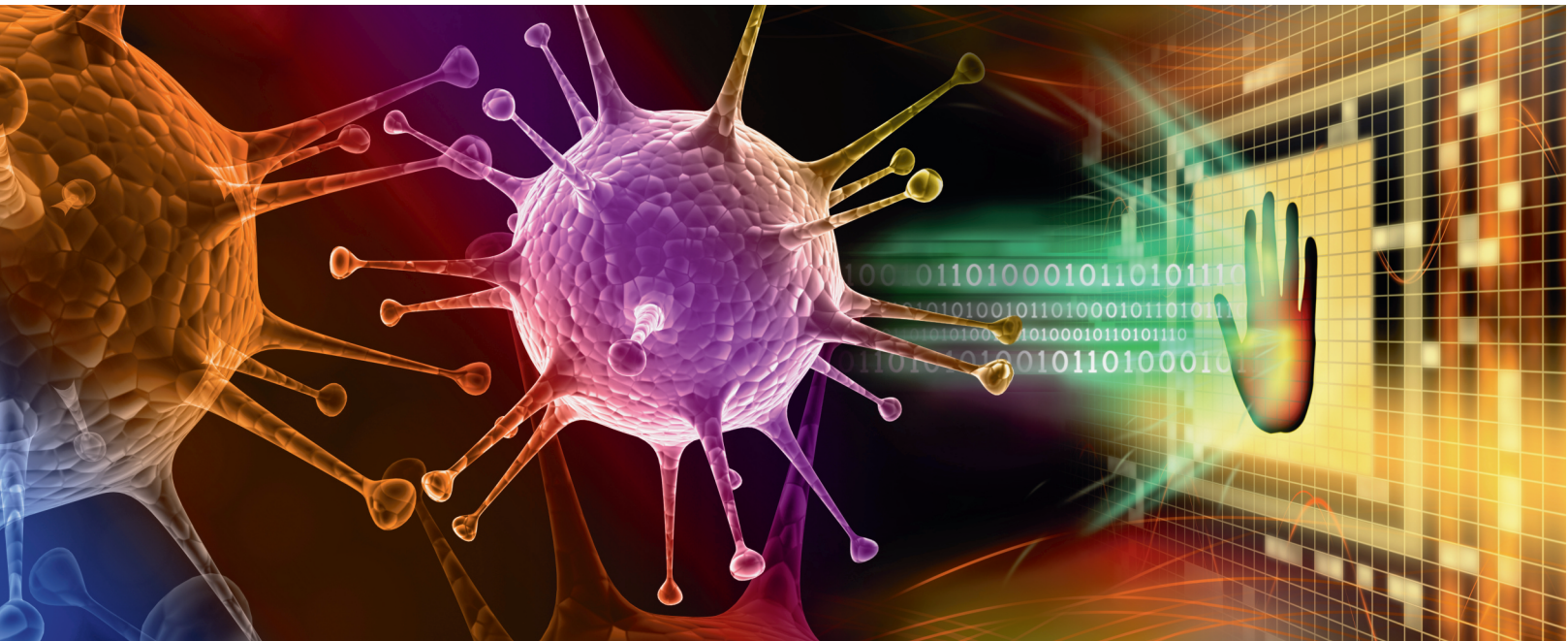




# UBIQUITY Security Certificate

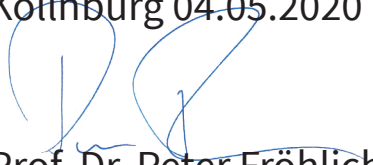
## Security Audit 2020



- Tested Products:** HMI50/HMI45 (v. 2.1.3.29), WP50/WP45 (v. 2.1.3.31), RK2x and RM2x (v. 2.1.3.32), LP50-visu (v. 1.0.0.19), UBIQUITY Control Center (v. 11.4.016), UBIQUITY Runtimes (v. 11.4.018), UBIQUITY Router RK1x family (v. 11.4.018), Access Server and Relay Server (v. 11.4.001). Note: this certificate extends to higher minor versions, as products are being updated, based on an ongoing security monitoring and maintenance agreement.
- Audit Process:** Modified NIST SP800-115.
- Concept Audit:** IEC 62443-3-3, IEC 62443-4-2.
- Component Audits:** Vulnerability assessment, exploitation with standard tools, fuzzing on Ethernet interface, firmware evaluation, analysis of communication principle.
- System Audit:** Security assessment of end-to-end reference setup.
- Test results:** Tests passed, some with recommendations. A detailed report has been issued.

## Successfully Passed

Kollnburg 04.05.2020

  
Prof. Dr. Peter Fröhlich

  
Prof. Dr. Andreas Grzempa

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