

Press Release



Add value.
Inspire trust.

July 9, 2026

TÜV SÜD Issues IEC 62443-4-1 Cybersecurity Certification to SMC Corporation

Tokyo/Japan. TÜV SÜD, a globally recognized testing and certification company headquartered in Munich, Germany, has issued an IEC 62443-4-1:2018-compliant Industrial IT Security Certification to SMC Corporation (Head Office: Chuo-ku, Tokyo; President: Yoshiki Takada).

As digital technologies such as the Internet of Things (IoT) and Artificial Intelligence (AI) continue to evolve, manufacturers are accelerating their efforts to automate and digitalize. At the same time, cyber threats have also increased in scale and complexity. Consequently, the adoption of secure-by-design products and components has become increasingly important in automated factory systems. The IEC 62443 series provides a comprehensive framework for industrial control system cybersecurity. As a certification body for IEC 62443, TÜV SÜD provides implementation support, assessment, and certification services.

TÜV SÜD has issued IEC 62443-4-1 certification to SMC Corporation, a leading manufacturer of pneumatic control equipment for factory automation. IEC 62443-4-1 specifies requirements for a secure product development lifecycle. This certification verifies that SMC's product development processes adhere to a secure-by-design approach, incorporating defence-in-depth principles to mitigate cybersecurity risks. It also demonstrates that the company has established processes to effectively manage product security issues, including vulnerability management, throughout the product lifecycle.

Prior to certification, TÜV SÜD provided SMC with IEC 62443-related training services, as well as conducting a gap analysis, to support its certification efforts. Through these activities, SMC has established a secure development process that is aligned with secure development principles and its existing product development methodology.

TÜV SÜD Japan will continue to support the advancement of cybersecurity measures for industrial control systems in Japan through certification, training, and other security-related

services. TÜV SÜD aims to contribute to a more secure industrial environment through its cybersecurity expertise and services.

About the IEC 62443 series

This is a series of international standards designed to ensure the security of industrial control systems, control equipment, and development processes. Published by the International Electrotechnical Commission (IEC), these international standard guidelines for plant security cover all stages of industrial cybersecurity, from risk assessment to operation, from a variety of perspectives. Click here for further information: tuvsud.com/ja-jp/industries/manufacturing/machinery-and-robotics/iec-62443-industrial-security

Media Relations:

TÜV SÜD Japan Sumitomo Fudosan Shinjuku Minamiguchi Bldg.12F, 5-31-11, Sendagaya, Shibuya- ku, Tokyo 151-0051 Japan	Marketing Group Mari Ito Email Marketing.jp@tuvsud.com Internet tuvsud.com/ja-jp/global-newsroom
---	---

About TÜV SÜD Japan

Established in 1993 as the Japanese subsidiary of TÜV SÜD – a globally acclaimed German safety and quality expert with over 150 years of history. Through testing, certification, auditing and training services, TÜV SÜD Japan supports the safety and overseas expansion of companies in a wide range of industry fields, including medical devices, industrial equipment, consumer products, automotive, food, chemicals and energy. In recent years, TÜV SÜD Japan has also focused on cybersecurity, sustainability and AI-related services. tuvsud.com/ja-jp

About TÜV SÜD

Founded in 1866 as a steam boiler inspection association, the TÜV SÜD Group has evolved into a global enterprise. Around 30,000 employees work at over 1,000 locations in about 50 countries to continually improve technology, systems and expertise. They contribute significantly to making technical innovations such as Industry 4.0, autonomous driving and renewable energy safe and reliable. tuvsud.com