March 31, 2025

Acquisition of Certification for International Cybersecurity Standards for Industrial Control Systems

On March 21, Mitsubishi Electric Building Solutions Corporation (MEBS) acquired certification for IEC 62443-4-1[*1] and ISO 8102-20[*2], two international standards related to the security development lifecycle of industrial automation and control systems.

As the adoption of IoT in a wide range of industries has accelerated in recent years, cybersecurity threats have intensified and the risk of cyber-attacks resulting in leakage of personal information, damage to information systems, and other consequences have increased.

Our building solutions, elevators, escalators, and building management systems are important items of infrastructure that are essential to society, and it is necessary to protect them by ensuring the highest possible degree of security. At the same time, regulations related to security both in Japan and overseas are becoming stricter year by year. In recognition of these changes in circumstances and their background, MEBS has prescribed specific processes and procedures for security development throughout the product lifecycle, and has acquired IEC 62443-4-1 and ISO 8102-20 certification from TÜV Rheinland (headquarters: Germany), one of the world's leading third-party testing, inspection, and certification agencies.

In the future, MEBS will continue to utilize the knowledge and technologies gained through the process of acquiring this certification and will actively introduce secure development processes in order to conduct product development with a high level of security.

Certificate

Development and production plant
(Inazawa Building Systems Works)

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*1　IEC 62443-4-1 is an international standard related to security covering industrial automation and control systems, and their development processes. IEC is an acronym for International Electrotechnical Commission.

*2　ISO 8102-20 is a standard for cybersecurity requirements of elevators, escalators, and moving walks. ISO is an acronym for International Organization for Standardization.