Ref. Certif. No.
FR_Cyber10105

IEC System of Conformity Assessment Schemes for Electrotechnical Equipment and Components (IECEE)

Certificate of Conformity – Industrial Cyber Security Capability

Type	Solution Application of Capabilities Assessment
Name and address of the applicant	**Industry 4.0 Implementation Center, National Taiwan University of Science and Technology** No. 25, Lane 113, Roosevelt Road, Section 4 106038 Taipei Taiwan
Certificate Coverage (including Version)	Industry 4.0 Implementation Center, NTUST Cyber Security Management System V1.0
Standard	IEC 62443-3-3:2013
Requirements Assessed / Total Requirements *The 3-tuple represents (Passed requirements, requirements assessed as Not Applicable, Total number of requirements)*	FR 1 – Identification and authentication control (AC) : (11, 3, 24) FR 2 – Use control (UC) : (5, 3, 24) FR 3 – System integrity (DI) : (5, 0, 19) FR 4 – Data confidentiality (DC) : (2, 0, 6) FR 5 – Restricted data flow (RDF) : (6, 0, 11) FR 6 – Timely response to events (TRE) : (2, 0, 3) FR 7 – Resource availability (RA) : (6, 0, 13)
Additional information (if necessary may also be reported on page 2)	☒ Additional Information on page 2
As shown in the Test Report Ref. No. which forms part of this Certificate	CYT-BEIC-WTW-P23030926-A0

This Certificate of Conformity, issued by the National Certification Body, certifies that the above have been found to be in conformity with the requirements of the Industrial Cyber Security Capability Scheme (IECEE OD-2061) as it relates to the claims declared by the Applicant.

LABORATOIRE CENTRAL DES INDUSTRIES ELECTRIQUES - LCIE
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www.lcie.fr

Date: 29/08/2023

Signature: **Marie-Elisabeth d'ORNANO**
Certification Director

IEC 62443-3-3 ID	Requirement Name	Result - Remarks	Verdict
SR 1.01	Human user identification		Pass
SR 1.01 RE(1)	Human user identification and authentication - (1) Unique identification and authentication		Pass
SR 1.01 RE(2)	Human user identification and authentication - (2) Multifactor authentication for untrusted networks	Not evaluated on customer request	N/E
SR 1.01 RE(3)	Human user identification and authentication - (3) Multifactor authentication for all networks	Not evaluated on customer request	N/E
SR 1.02	Software process and device identification and authentication		Pass
SR 1.02 RE(1)	Software process and device identification and authentication - (1) Unique identification and authentication	Not evaluated on customer request	N/E
SR 1.03	Account management		Pass
SR 1.03 RE(1)	Account management - (1) Unified account management	Not evaluated on customer request	N/E
SR 1.04	Identifier management		Pass
SR 1.05	Authenticator management		Pass
SR 1.05 RE(1)	Authenticator management - (1) Hardware security for software process identity credentials	Not evaluated on customer request	N/E
SR 1.06	Wireless access management	Not in scope	N/A
SR 1.06 RE(1)	Wireless access management - (1) Unique identification and authentication	Not in scope	N/A
SR 1.07	Strength of password-based authentication		Pass
SR 1.07 RE(1)	Strength of password-based authentication - (1) Password generation and lifetime restrictions for human users	Not evaluated on customer request	N/E
SR 1.07 RE(2)	Strength of password-based authentication - (2) Password lifetime restrictions for all users	Not evaluated on customer request	N/E
SR 1.08	Public key infrastructure (PKI) certificates	Not in scope	N/A

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IEC 62443-3-3 ID	Requirement Name	Result - Remarks	Verdict
SR 1.09	Strength of public key authentication	Not evaluated on customer request	N/E
SR 1.09 RE(1)	Strength of public key authentication - (1) Hardware security for public key authentication	Not evaluated on customer request	N/E
SR 1.10	Authenticator feedback		Pass
SR 1.11	Unsuccessful login attempts	Not evaluated on customer request	N/E
SR 1.12	System use notification		Pass
SR 1.13	Access via untrusted networks		Pass
SR 1.13 RE(1)	Access via untrusted networks - (1) Explicit access request approval		Pass
SR 2.01	Authorization enforcement		Pass
SR 2.01 RE(1)	Authorization enforcement - (1) Authorization enforcement for all users		Pass
SR 2.01 RE(2)	Authorization enforcement - (2) Permission mapping to roles		Pass
SR 2.01 RE(3)	Authorization enforcement - (3) Supervisor override	Not evaluated on customer request	N/E
SR 2.01 RE(4)	Authorization enforcement - (4) Dual approval	Not evaluated on customer request	N/E
SR 2.02	Wireless use control	Not in scope	N/A
SR 2.02 RE(1)	Wireless use control - (1) Identify and report unauthorized wireless devices	Not evaluated on customer request	N/E
SR 2.03	Use control for portable and mobile devices	Not in scope	N/A
SR 2.03 RE(1)	Use control for portable and mobile devices - (1) Enforcement of security status of portable and mobile devices	Not evaluated on customer request	N/E
SR 2.04	Mobile code	Not in scope	N/A
SR 2.04 RE(1)	Mobile code - (1) Mobile code integrity check	Not evaluated on customer request	N/E
SR 2.05	Session lock	Not evaluated on customer request	N/E
SR 2.06	Remote session termination	Not evaluated on customer request	N/E
SR 2.07	Concurrent session control	Not evaluated on customer request	N/E
SR 2.08	Auditable events	Not evaluated on customer request	N/E
SR 2.08 RE(1)	Auditable events - (1) Centrally managed, system-wide audit trail	Not evaluated on customer request	N/E
SR 2.09	Audit storage capacity		Pass
SR 2.09 RE(1)	Audit storage capacity - (1) Warn when audit record storage capacity threshold reached	Not evaluated on customer request	N/E
SR 2.10	Response to audit processing failures	Not evaluated on customer request	N/E
SR 2.11	Timestamps		Pass

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SR 2.11 RE(1)	Timestamps - (1) Internal time synchronization	Not evaluated on customer request	N/E
SR 2.11 RE(2)	Timestamps - (2) Protection of time source integrity	Not evaluated on customer request	N/E
SR 2.12	Non-repudiation	Not evaluated on customer request	N/E
SR 2.12 RE(1)	Non-repudiation - (1) Non-repudiation for all users	Not evaluated on customer request	N/E
SR 3.1	Communication integrity		Pass
SR 3.1 RE(1)	Communication integrity - (1) Cryptographic integrity protection	Not evaluated on customer request	N/E
SR 3.2	Malicious code protection		Pass
SR 3.2 RE(1)	Malicious code protection - (1) Malicious code protection on entry and exit points		Pass
SR 3.2 RE(2)	Malicious code protection - (2) Central management and reporting for malicious code protection	Not evaluated on customer request	N/E
SR 3.3	Security functionality verification	Not evaluated on customer request	N/E
SR 3.3 RE(1)	Security functionality verification - (1) Automated mechanisms for security functionality verification	Not evaluated on customer request	N/E
SR 3.3 RE(2)	Security functionality verification - (2) Security functionality verification during normal operation	Not evaluated on customer request	N/E
SR 3.4	Software and information integrity	Not evaluated on customer request	N/E
SR 3.4 RE(1)	Software and information integrity - (1) Automated notification about integrity violations	Not evaluated on customer request	N/E
SR 3.5	Input validation	Not evaluated on customer request	N/E
SR 3.6	Deterministic output	Not evaluated on customer request	N/E
SR 3.7	Error handling	Not evaluated on customer request	N/E
SR 3.8	Session integrity		Pass
SR 3.8 RE(1)	Session integrity - (1) Invalidation of session IDs after session termination	Not evaluated on customer request	N/E
SR 3.8 RE(2)	Session integrity - (2) Unique session ID generation	Not evaluated on customer request	N/E
SR 3.8 RE(3)	Session integrity - (3) Randomness of session IDs	Not evaluated on customer request	N/E
SR 3.9	Protection of audit information		Pass
SR 3.9 RE(1)	Protection of audit information - (1) Audit records on write-once media	Not evaluated on customer request	N/E
SR 4.1	Information confidentiality	Not evaluated on customer request	N/E
SR 4.1 RE(1)	Information confidentiality - (1) Protection of confidentiality at rest or in transit via untrusted networks	Not evaluated on customer request	N/E

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IEC 62443-3-3 ID	Requirement Name	Result - Remarks	Verdict
SR 4.1 RE(2)	Information confidentiality - (2) Protection of confidentiality across zone boundaries	Not evaluated on customer request	N/E
SR 4.2	Information persistence		Pass
SR 4.2 RE(1)	Information persistence - (1) Purging of shared memory resources	Not evaluated on customer request	N/E
SR 4.3	Use of cryptography		Pass
SR 5.1	Network segmentation		Pass
SR 5.1 RE(1)	Network segmentation - (1) Physical network segmentation		Pass
SR 5.1 RE(2)	Network segmentation - (2) Independence from non-control system networks	Not evaluated on customer request	N/E
SR 5.1 RE(3)	Network segmentation - (3) Logical and physical isolation of critical networks	Not evaluated on customer request	N/E
SR 5.2	Zone boundary protection		Pass
SR 5.2 RE(1)	Zone boundary protection - (1) Deny by default, allow by exception		Pass
SR 5.2 RE(2)	Zone boundary protection - (2) Island mode	Not evaluated on customer request	N/E
SR 5.2 RE(3)	Zone boundary protection - (3) Fail close	Not evaluated on customer request	N/E
SR 5.3	General purpose person-to-person communication restrictions		Pass
SR 5.3 RE(1)	General purpose person-to-person communication restrictions - (1) Prohibit all general purpose person-to-person communications	Not evaluated on customer request	N/E
SR 5.4	Application partitioning		Pass
SR 6.1	Audit log accessibility		Pass
SR 6.1 RE(1)	Audit log accessibility - (1) Programmatic access to audit logs	Not evaluated on customer request	N/E
SR 6.2	Continuous monitoring		Pass
SR 7.1	Denial of service protection		Pass
SR 7.1 RE(1)	Denial of service protection - (1) Manage communication loads		Pass
SR 7.1 RE(2)	Denial of service protection - (2) Limit DoS effects to other systems or networks	Not evaluated on customer request	N/E
SR 7.2	Resource management	Not evaluated on customer request	N/E
SR 7.3	Control system backup	Not evaluated on customer request	N/E
SR 7.3 RE(1)	Control system backup - (1) Backup verification	Not evaluated on customer request	N/E
SR 7.3 RE(2)	Control system backup - (2) Backup automation	Not evaluated on customer request	N/E

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IEC 62443-3-3 ID	Requirement Name	Result - Remarks	Verdict
SR 7.4	Control system recovery and reconstitution		Pass
SR 7.5	Emergency power		Pass
SR 7.6	Network and security configuration settings		Pass
SR 7.6 RE(1)	Network and security configuration settings - (1) Machine-readable reporting of current security settings	Not evaluated on customer request	N/E
SR 7.7	Least functionality	Not evaluated on customer request	N/E
SR 7.8	Control system component inventory		Pass

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