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## Revision history

<table>
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<th>date</th>
<th>changes</th>
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<tr>
<td>1.3</td>
<td>2010.09.22</td>
<td>Initial version published to <a href="http://www.ISASecure.org">http://www.ISASecure.org</a></td>
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<tr>
<td>2.0</td>
<td>2011.10.21</td>
<td>Add support for separate CRT laboratories</td>
</tr>
<tr>
<td>2.1</td>
<td>2015.04.15</td>
<td>Change certificate to certified device logo and add errata version used, use registered symbol instead of trademark indicator for ISASecure, add ISO/IEC 17065 reference, add definition of ISASecure version</td>
</tr>
<tr>
<td>2.6</td>
<td>2018.02.05</td>
<td>Add line to certificate format referencing ANSI/ISA-62443-4-1 and IEC 62443-4-1; add these standards to references; incorporate erratum from EDSA-102 v3.1</td>
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<tr>
<td>2.7</td>
<td>2018.08.29</td>
<td>Update for ANSI/ISA-62443-4-2: add this standard as normative reference, incorporate certificate format from ISASecure-116 for new maintenance of cert policy and addition of line to certificate format referencing the standard</td>
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<tr>
<td>3.3</td>
<td>2019.08.13</td>
<td>Change title from EDSA-204 to CSA-204; update for all 4-2 component types; remove CRT; use term capability security level in certificate and text; change logo on certificate from certified device to certified component</td>
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<tr>
<td>4.0</td>
<td>2023.04.21</td>
<td>Do not permit logo placement on physical component</td>
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Foreword

This is one of a series of documents that defines the ISASecure® CSA (Component Security Assurance) certification program for software applications, embedded devices, host devices, and network devices. These are the component types defined by the standard IEC 62443-4-2 that are used to build control systems. ISASecure CSA is developed and managed by the industry consortium ISA Security Compliance Institute (ISCI). A description of the ISASecure CSA program and the current list of documents related to ISASecure component security assurance can be found on the web site https://www.isasecure.org/.
1 Scope

This document outlines the procedure and conditions which govern the use of the ISASecure® symbol and certificate by ISASecure CSA chartered laboratories and component vendors, and any references to their ASCI license by such laboratories. The reference [CSA-100] provides an overall description of the ISASecure CSA program. The program certifies software applications, embedded devices, host devices, and network devices, as defined in [IEC 62443-4-2]. One or more of these definitions may apply to a component.

2 Normative references


[ISASecure-117] ISCI ISASecure Certification Programs - Policy for transition to CSA 1.0.0 and SSA 4.0.0, as specified at https://www.isasecure.org/

NOTE The following pairs of references that have the same document number 62443-m-n, provide the same technical standard, as published by the organizations ANSI/ISA and IEC.

[ANSI/ISA-62443-4-1] ANSI/ISA-62443-4-1-2018 Security for industrial automation and control systems Part 4-1: Secure product development lifecycle requirements

[IEC 62443-4-1] IEC 62443-4-1:2019 Security for industrial automation and control systems Part 4-1: Secure product development lifecycle requirements


3 Definitions and abbreviations

3.1 Definitions

As a general rule, definitions of ISO/IEC 17000 are applicable.
3.1.1 accreditation body
third party that performs attestation, related to a conformity assessment body, conveying a formal demonstration of its competence to carry out specific conformity assessment.

3.1.2 accreditation body logo
logo used by an accreditation body to identify itself.

3.1.3 accreditation certificate
formal document or a set of documents issued by an accreditation body, stating that accreditation has been granted for the defined scope.

3.1.4 accreditation symbol
symbol issued by an accreditation body to be used by chartered laboratories to indicate their accredited status.

3.1.5 capability security level
level that indicates capability of meeting a security level natively without additional compensating countermeasures when properly configured and integrated.

3.1.6 conformity assessment body
body that performs conformity assessment services and that can be the object of accreditation.

3.1.7 certifier
chartered laboratory.

3.1.8 chartered laboratory
organization chartered by ASCI to evaluate products and/or processes under one or more ISASecure certification programs and to grant certifications under one or more of these programs.

3.1.9 component
entity belonging to an IACS that exhibits the characteristics of one or more of a host device, network device, software application, or embedded device.

3.1.10 embedded device
special purpose device running embedded software designed to directly monitor, control or actuate an industrial process.

3.1.11 host device
general purpose device running an operating system (for example Microsoft Windows OS or Linux) capable of hosting one or more software applications, data stores or functions from one or more suppliers.

NOTE Typical attributes include filesystem(s), programmable services, no real time scheduler and full HMI (keyboard, mouse, etc.).
3.1.12
ISASecure symbol
graphic affixed or displayed to designate that ISASecure certification has been achieved

NOTE  The ISASecure symbol is the mark of conformity for the ASCI certification scheme. The symbol or mark is licensed by ASCI for use by suppliers that have achieved certified products and by ISASecure laboratories to signify their participation in the ISASecure program.

3.1.13
ISASecure version
ISASecure certification criteria in force at a particular point in time, defined by the set of document versions that define the certification program, and identified by a 3-place number such as ISASecure CSA 1.0.0

3.1.14
network device
device that facilitates data flow between devices, or restricts the flow of data, but may not directly interact with a control process

NOTE  Typical attributes include embedded OS or firmware, no HMI, no real-time scheduler and configured through an external interface.

3.1.15
software application
one or more software programs and their dependencies that are used to interface with the process or the control system itself (for example, configuration software and historian)

NOTE 1  Software applications typically execute on host devices or embedded devices.

NOTE 2  Dependencies are any software programs that are necessary for the software application to function such as database packages, reporting tools, or any third party or open source software.
3.2 Abbreviations

The following abbreviations are used in this document.

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Definition</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANSI</td>
<td>American National Standards Institute</td>
</tr>
<tr>
<td>ASCI</td>
<td>Automation Standards Compliance Institute</td>
</tr>
<tr>
<td>DCS</td>
<td>distributed control system</td>
</tr>
<tr>
<td>CSA</td>
<td>component security assurance</td>
</tr>
<tr>
<td>HMI</td>
<td>human-machine interface</td>
</tr>
<tr>
<td>IACS</td>
<td>industrial automation and control system(s)</td>
</tr>
<tr>
<td>IAF</td>
<td>International Accreditation Forum</td>
</tr>
<tr>
<td>ILAC</td>
<td>International Laboratory Accreditation Cooperation</td>
</tr>
<tr>
<td>ISCI</td>
<td>ISA Security Compliance Institute</td>
</tr>
<tr>
<td>ISA</td>
<td>International Society of Automation</td>
</tr>
<tr>
<td>IEC</td>
<td>International Electrotechnical Commission</td>
</tr>
<tr>
<td>ISO</td>
<td>International Organization for Standardization</td>
</tr>
<tr>
<td>OS</td>
<td>operating system</td>
</tr>
<tr>
<td>PLC</td>
<td>programmable logic controller</td>
</tr>
<tr>
<td>SIS</td>
<td>safety instrumented system</td>
</tr>
</tbody>
</table>

4 ISASecure symbol and references

4.1 General

The ISASecure symbol is defined as the sequence of letters “ISASecure,” where the first four letters only are capitalized. The ISASecure symbol shall be displayed only in the appropriate form, size, and color detailed on the ISASecure website: https://www.isasecure.org/.

When displayed in isolation such as on letterhead, the ISASecure symbol shall always be accompanied by the trademark notation, as in ISASecure®. When used within a document that has several occurrences of the symbol, such as a brochure or press release, the first occurrence shall have the trademark notation. In addition, in this case, the document shall also include the statement:

**ISASecure®** is a registered Trademark of ASCI. All rights reserved.

An ISASecure chartered laboratory and/or its clients shall neither use the ISASecure symbol in any misleading manner, nor shall imply in use of the symbol or in any reference that ASCI or ISCI approves of its products.

In particular, a chartered laboratory and/or its clients shall not use the ISASecure symbol in any way that might mislead the reader regarding the status of the laboratory or the certification of a component or a specific version of a component.

All references that contain the ISASecure symbol shall clearly define the particular ISASecure certification program to which they are related, which in the present case would be the ISASecure CSA certification program.

4.2 Use by ISASecure chartered laboratory

When a chartered laboratory displays the ISASecure symbol in printed or online documentation, its license number (chartered laboratory identification, in five-digit format) issued by ASCI shall be printed centrally under the ISASecure symbol. Its accreditation number may also appear.

In particular, the ISASecure symbol may be displayed on organizational stationery/letterhead by a chartered laboratory only if the mark or title of the laboratory is also shown, along with its license number.
The following is an example of correct use of the ISASecure symbol by a chartered laboratory:

ISASecure® CSA

Accreditation Number: WWWWW

License Number: XXXXX

A chartered laboratory is entitled to use the phrase, “An ISASecure Chartered Laboratory – Accreditation number WWWWW, License Number XXXXX” in combination with the ISASecure symbol.

To request approval to use one of the above phrases, a laboratory shall:

a) Submit a request to use the wording to the ASCI Managing Director; and

b) Submit a pictorial representation of how the wording is to appear

c) Submit a pictorial representation of how the wording is to appear in conjunction with the accreditation body’s mark/symbol, the ISASecure symbol or any other mark or symbol of conformity.

The ASCI Managing Director shall respond within 30 days as to whether the use of the wording as proposed by the laboratory is acceptable.

The chartered laboratory shall bear responsibility for obtaining any required copyrights and for monitoring the use of the wording and ensuring that the wording is not misused.

ISASecure laboratories are entitled to incorporate the ISASecure symbol in public material that refers to accredited services, provided that the conditions in this procedure are met. ISASecure laboratories are also entitled to make general reference to the ASCI license provided they ensure that ASCI recognition is not implied for aspects of any program for which the laboratory is not recognized.

Any use of the ISASecure symbol by a laboratory that might contravene the conditions set out in this procedure will be considered a misuse of the symbol and subject to legal action which may include withdrawal of the ASCI license, or publication of the transgression or other action deemed necessary by ASCI to maintain the integrity of its mark.

4.3 Use by component vendor

When a vendor for a certified component displays the ISASecure symbol in printed or online documentation, the certification number issued by the certification body (chartered laboratory) shall be printed centrally under the ISASecure symbol. The ISASecure version and certification level shall also appear.

The following is an example of correct use of the ISASecure symbol by a component vendor:

ISASecure® CSA 1.0.0 Capability Security Level 1

Certification number: YYYYY

The vendor shall not place the ISASecure symbol on a certified component or its packaging. This policy recognizes that most products incorporate software which potentially may be replaced by later versions that may or may not be certified. The policy does not prohibit marking such a product with the logo of a certification body, nor does it preclude modification of this policy in the future to align with evolving industry marking practices and/or regulatory requirements.

As specified in [ISO/IEC 17065], the consequences of transgressions by clients of a chartered laboratory are managed by the chartered laboratory.
5 Certificates

The certification certificate issued by a chartered laboratory to its clients must be the one recognized by the ASCI program. The document [CSA-205] posted on the ISASecure website contains the approved certificate format in an editable form suitable for use as a template. Figure 1 illustrates this format. If alterations are made to the approved certificate, prior to its use, the ASCI Managing Director must approve the certification certificate used by the chartered laboratory.

In the example certificate, the component certified fit the definition for both an embedded device and a network device. In this case requirements for both kinds of components apply, and both component types are shown on the certificate.

NOTE Additional explanation regarding the content shown on this certificate can be found in [CSA-301].

![Example Certificate](image)

**Figure 1 - Example Certificate**

<table>
<thead>
<tr>
<th>Assessment</th>
<th>Subject under Assessment</th>
<th>Requirements</th>
<th>Date</th>
<th>Current release at time of assessment</th>
</tr>
</thead>
<tbody>
<tr>
<td>ISA Secure®/CSA evaluation</td>
<td>2931 Version 1.3.x Programmable Logic Controller</td>
<td>ISA Secure Component Security Assurance V2.0.1 Capability Security Level 2 requirements for embedded devices and network devices, referring errata CSA-302 v1.0</td>
<td>March 16, 2020</td>
<td>1.3.1</td>
</tr>
<tr>
<td>SDLA recertification For SEC 0893</td>
<td>Development process for supplier through Aug 31, 2024</td>
<td>ISA Secure Security Development Lifecycle Assurance V2.0.1</td>
<td>Sep 30, 2021</td>
<td>1.3.2, 1.3.3</td>
</tr>
<tr>
<td>SDLA recertification For SEC 0891</td>
<td>Development process for supplier through Aug 31, 2024</td>
<td>ISA Secure Security Development Lifecycle Assurance V2.0.1</td>
<td>Sep 30, 2024</td>
<td>1.3.4, 1.3.5, 1.3.7</td>
</tr>
</tbody>
</table>
6 Change in accreditation status

Upon withdrawal or suspension of its accreditation, a chartered laboratory shall immediately cease to display or issue certificates and any other materials displaying the ISASecure symbol, license or containing reference to ASCI recognition.

7 Modification of the ISASecure symbol

Upon any modifications to the ISASecure symbol, ASCI must immediately inform ISASecure laboratories of its changes and proper use. The effective date for the use of the new symbol must be published on the website: https://www.isasecure.org/.

8 Use of accreditation certificates and symbol

A chartered laboratory use of the accreditation certificates issued by the accreditation body and the associated symbols must follow the policies and procedures of the accreditation body.