



**CERTIFICATION
POLICIES AND PROCEDURES
v1.1**

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Document History

| Revision | Date | Description |
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| v1 | July 22, 2015 | Initial release |
| v1.1 | April 24, 2017 | <ul style="list-style-type: none"> • General and substantial rework of the entire document • Extraction of the Test & Validation WG related policies and procedures into a separated document |

Table of Content

| | |
|--|----|
| Table of Content | 3 |
| 1 INTRODUCTION | 5 |
| 1.1 Overview | 5 |
| 1.2 Purpose of Thread Certification | 5 |
| 1.3 Terminology..... | 5 |
| 1.4 Reference to Documents | 6 |
| 2 Terms and Definitions | 6 |
| 3 Thread Product Certification | 9 |
| 3.1 Thread Certification Process | 10 |
| 3.1.1 Roles and Responsibilities | 10 |
| 3.1.2 Preparation for Certification | 11 |
| 3.1.3 Submission for Certification Testing..... | 11 |
| 3.1.4 Thread Certification Testing..... | 12 |
| 3.1.5 Test Result Review | 13 |
| 3.1.6 Test Result Approval | 13 |
| 3.2 Type of Certificates..... | 13 |
| 3.3 Certification by Similarity..... | 13 |
| 3.4 Recertification..... | 15 |
| 3.5 Certification Fees | 15 |
| 3.5.1 Fees for ATL-tested products..... | 15 |
| 3.5.2 Fees for Certification by Similarity | 15 |
| 4 Noncompliance..... | 15 |
| 4.1 Overview of Noncompliance Process..... | 16 |
| 4.2 Noncompliance Process Timelines | 17 |
| 4.3 Investigation Period..... | 17 |
| 4.4 Acknowledgement Period | 17 |
| 4.5 Response / Plan Period | 18 |
| 4.5.1 Agreement | 18 |
| 4.5.2 Disagreement | 18 |

| | | |
|-------|---|----|
| 4.6 | Cure Period..... | 18 |
| 4.7 | Validation Period | 18 |
| 4.8 | Resolution..... | 19 |
| 4.9 | Revocation | 19 |
| 5 | Thread Group Authorized Test Laboratory (ATL) | 20 |
| 5.1 | ATL Responsibilities | 20 |
| 5.2 | ATL Requirements..... | 20 |
| 5.2.1 | Thread Group Membership and Event..... | 20 |
| 5.2.2 | Laboratory Accreditation | 20 |
| 5.2.3 | Laboratory Assessments..... | 20 |
| 5.2.4 | Test Harness | 21 |
| 5.2.5 | Inter-Laboratory Comparison Testing | 21 |
| 5.2.6 | Laboratory Capabilities | 21 |
| 5.3 | Thread ATL authorization process | 21 |
| 5.3.1 | Prerequisites for Thread ATL assessment..... | 21 |
| 5.3.2 | Thread authorization assessment request | 21 |
| 5.3.3 | Initial ATL assessment..... | 22 |
| 5.3.4 | ATL maintenance process | 23 |
| 5.3.5 | ATL status revocation process..... | 23 |

1 INTRODUCTION

1.1 Overview

This document describes the standard policies and procedures used in Thread product certification. While the Policies and Procedures are written to align with Thread Group Bylaws, in the event of a conflict between written procedures and the Bylaws, the Bylaws shall prevail.

The Thread Group Certification Policy and Procedure (TCPP) establish rules and processes to ensure proper certification of Thread products.

1.2 Purpose of Thread Certification

The Thread Group certification program is designed to ensure Thread enabled devices is compliant with the latest Thread Group requirements. Thread-certified products may display the Thread logo, indicating they have passed the Thread certification program, in accordance with Thread logo usage policies.

1.3 Terminology

The key words "MUST", "MUST NOT", "REQUIRED", "SHALL", "SHALL NOT", "SHOULD", "SHOULD NOT", "RECOMMENDED", "MAY", and "OPTIONAL" in this document are to be interpreted as described in RFC 2119. [A]

Note that the force of these words is modified by the requirement level of the document in which they are used.

MUST This word, or the terms "REQUIRED" or "SHALL", mean that the definition is an absolute requirement of the specification.

MUST NOT This phrase, or the phrase "SHALL NOT", mean that the definition is an absolute prohibition of the specification.

SHOULD This word, or the adjective "RECOMMENDED", mean that there may exist valid reasons in particular circumstances to ignore a particular item, but the full implications must be understood and carefully weighed before choosing a different course.

SHOULD NOT This phrase, or the phrase "NOT RECOMMENDED", mean that there may exist valid reasons in particular circumstances when the particular behavior is acceptable or even useful, but the full implication should be understood and the case carefully weighed before implementing any behavior described with this label.

MAY this word, or the adjective "OPTIONAL", mean that an item is truly optional. One vendor may choose to include the item because a particular marketplace requires it or because the vendor feels that it enhances the product while another vendor may omit the same item. An implementation which does not include a particular option MUST be prepared to interoperate with another implementation which does include the option, though perhaps with reduced functionality. In the same vein an implementation which does include a particular option MUST be prepared to interoperate with another implementation which does not include the option (except, of course, for the feature the option provides.)

1.4 Reference to Documents

- A. S. Bradner, Harvard University 1997 RFC 2119 “Internet Best Current Practices for the Internet Community” - Key Words for use to indicate requirement levels.
- B. ISO 17025: 2005 General requirements for the competence of testing and calibration laboratories
- C. FCC part 15.212 – Transmitter Module Equipment Authorization Guide.

2 Terms and Definitions

| Term | Definition |
|------------------------------|---|
| Applicant | Organization that applies for Thread Certification of a component or end-product. |
| Authorized Test Lab (ATL) | An organization that is authorized to provide Thread certification testing services to Thread Group members. |
| Certificate | A record registering that a Product has passed Thread certification testing and has been listed by the Thread Certification Authority |
| Certification Authority (CA) | The authority (Director of Certification and his/her assignees) within the Thread Group for approving certification applications and issuing, suspending, or revoking certificates. |
| Certification ID (CID) | Unique ID that will be issued by the Thread Certification Authority |
| Certification testing | The process of testing a product against the Thread Group requirements as listed in section 3. |
| Compliance | A device is deemed in compliance when it meets all the requirements to obtain the Thread Group certificate and bear the |

| Term | Definition |
|-----------------------------------|---|
| | Thread certification logo |
| Corrective Action Request (CAR) | Quality system vehicle through which Thread Group tracks communication and work with a member to resolve a certification noncompliance. |
| Device Under Test (DUT) | Also known as Product. A software hardware combination article submitted for certification testing. |
| Director of Certification | The Thread Group employee responsible for operation and oversight of the certification program and testing labs. |
| End-Product | An end-product shall be based on a Thread component. |
| Lab Applicant | 3 rd party lab applying to be an ATL |
| Module | A Thread module shall be a self-contained RF device with the intention to be integrated into an end-product, utilizing the defined I/O ports of the module. For further details, please see FCC part 15.212 – Transmitter Module Equipment Authorization Guide [C]. |
| Noncompliance | <p>Not in compliance -- a certified device is not in compliance with certification requirements if one or more of the following conditions occur. The device:</p> <ul style="list-style-type: none"> - Does not support all mandatory features specified in the program's test plan. - Does not support all features described in the certificate, (mismatch of certificate and supported features). - Supports optional features covered by the program's test plan that were not tested at the time of certification. <p>Is in violation of Thread Group certification policy and/or certification testing.</p> |
| Problem Report (PR) | Quality system vehicle through which Thread Group tracks communication and validation work for a Sighting |
| Reporter | Party or person which reports a Sighting to Thread Group |
| Re-branding | Marketing an existing certified product with a new name, term, symbol, or combination thereof for intention of developing a new, differentiated identity. |
| Revocation | The certificate is permanently removed from the Thread Group public website. The member is also required to remove all Thread references and logos from the product, packaging and documentation. |
| Sighting | An unconfirmed report of a Thread product noncompliance |
| Suspension | The certificate is removed from the Thread Group public website while compliance issue(s) are being resolved. |
| Thread Certification Policies and | Framework which summarizes policies and procedures for the |

| Term | Definition |
|---------------------|--|
| Procedures (TCPP) | certification of Thread products. |
| Thread Component | A Thread component contains a Thread stack implementation and can be a chip-set in form of a development board or a module. |
| Thread Test Bed | Thread stack implementations that are configured to operate as test networks with which devices under test (DUTs) interact during the certification test process. |
| Thread Test Harness | Software which automates the execution of Thread certification testing by configuring and controlling test bed operation, managing data collection, and analyzing the test results for compliance to the Thread test plan. |
| Waiver | A one-time approval for a DUT to skip a specific certification test without penalty due to a technical barrier such as a test environment error, spec-compliant product limitation, or spec erratum which is assessed to pose minimal interoperability risk. |

3 Thread Product Certification

Thread Group members shall not claim a product is Thread-compliant, Thread-compatible, or Thread-certified prior to successfully completing Thread product certification.

Thread product certification consists of product testing and verification of a manufacturer's implementation of Thread technology in a product. Products may originate from silicon vendors, module suppliers, or end-product manufacturers.

- All products undergo the same testing (e.g., same test cases run for a given role)
- End products and modules all require certification testing (same testing is repeated on end product implementations of a given module)
- End products do not need to use a certified module

A Thread component is an implementation of the Thread stack that is to be implemented in an end product. A component may have external means to allow configuration of the stack for undergoing certification testing.

End product testing is carried out on units that are in a production-like state. Firmware should be in an end-user state; beyond standard end-user functionality, no special modes, commands or manipulations of and end-product device should be used to carry out certification testing unless authorized by Thread Group.

Thread product certification is granted for the lifetime of the product, subject to continuing active Thread Group membership and compliance with Thread Group certification policies, especially change management. Thread Group reserves the right to mandate recertification of a certified product.

Certification testing shall be carried out by duly appointed third-party Authorized Test Labs (ATLs). A list of ATLs is maintained on the Thread Group website.

In order to demonstrate compliance with the Thread requirements, Products shall successfully execute a suite of tests, which cover:

- Conformance
- Interoperability

Certification testing is carried out in accordance with the latest released Thread specification and test requirements. The applicable documents are available on the Thread Group member portal. (Thread Group Membership required)

NOTE: Testing and certification of vendor-specific features, IEEE 802.15.4, and compliance to other technologies and certification schemes like Bluetooth®, Wi-Fi, etc., are not part of Thread Product Certification.

3.1 Thread Certification Process

3.1.1 Roles and Responsibilities

Applicant

- Select an ATL which meets the Applicant's needs and schedule a certification testing slot
- Complete product certification application and submit all required supporting documentation
- Submit required materials to ATL for certification testing
- Coordinate with ATL on monitoring/supporting the certification test execution
- Coordinate with ATL on investigation/debug of product test issues as desired
- Maintain certified products with respect to change notification and recertification requirements

ATL

- Respond promptly to Thread testing business inquiries from Applicants
- Coordinate with Applicant to schedule timely testing window
- Coordinate with Applicant to complete all pre-testing logistics
- Execute formal certification testing
- Review testing results for test environment integrity and accuracy
- Escalate abnormal test findings to Thread CA for disposition
- Facilitate investigation/debug of product test issues with Applicant as requested
- Communicate completed test results to the Thread CA

Thread CA

- Review/approve product certification application and supporting documentation
- Collaborate with ATLs on investigation/disposition of abnormal test findings
- Review testing results for product compliance
- Arbitrate any escalated issues from ATL and Applicant
- Issue Thread certificate
- Maintain Thread certified product listing

The illustrated process below shall guide Applicants and ATLs through Thread Certification.

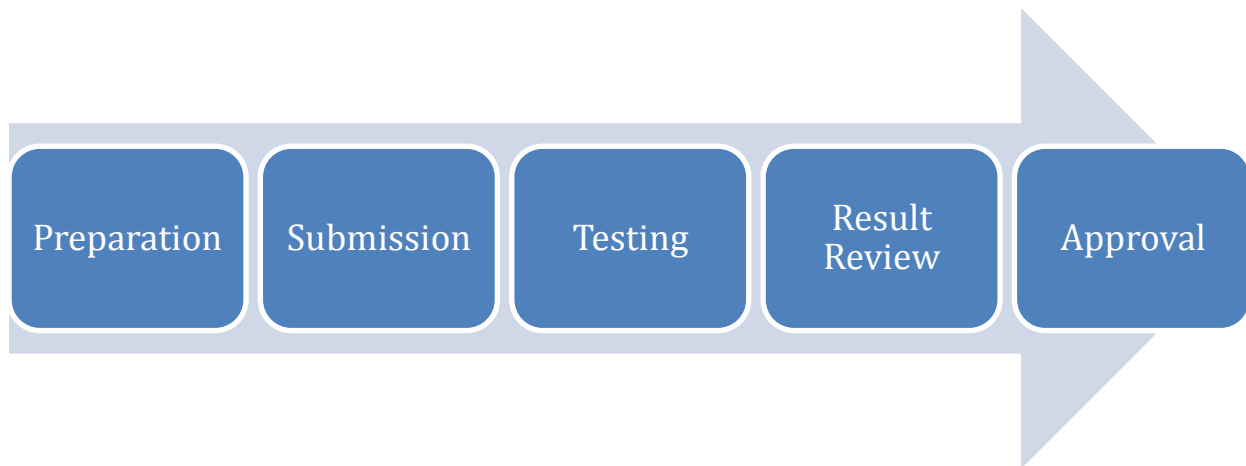


Figure 1 - Thread Certification Process

3.1.2 Preparation for Certification

In order to prepare for the Certification, the Applicant **MUST**:

- A. Be an active member of the Thread Group at the Contributor or Sponsor level.
- B. Download the latest Thread Group specification(s) from the Thread Group member's website.
- C. Per the specification, implement Thread technology into a Product.
- D. [Optional, Recommended] Complete successful pre-testing of the Product, internally and/or at a test service provider
- E. Select an ATL to run the certification testing. See the Thread Group member website for a list of all current ATLs.
- F. Compile the submission package as defined in section 3.1.3

3.1.3 Submission for Certification Testing

The Product shall include Thread technology based on current, valid Thread specifications.

- The applicant shall submit a completed product certification application to the Thread CA. The product certification application may be found on the Thread Group member website.
- B. Upon receipt, the Thread CA shall review the certification application and request corrections/additional information as necessary.
- C. Once the application is deemed complete and accurate, the Thread CA shall issue a Thread Certification ID (CID) and notify the selected ATL.
- D. Upon receipt of the CID, the Applicant shall submit the CID and the following to the ATL:
 - At least two samples with identical firmware – the actual quantity shall be agreed between the parties.

- Documentation of the product operation commands and any accessories required to successfully operate the device in the certification test environment
- E. After completing testing, Thread Group may request one device to be held at the ATL for up to 90 days for debug and regression testing purposes. This is optional for the member. Members will not be charged for any testing carried out under this extended purpose.

3.1.4 Thread Certification Testing

Upon arrival of the Product samples and accessories at the ATL, testing shall be scheduled and conducted by the ATL in accordance with Thread certification policies and procedures.

Certification testing may be considered as organized into “test runs”, in which a unique combination of DUT hardware and software undergoes the entire applicable test suite. The Thread CA will only grant certification for a single, complete test run – combination of different test run results is not accepted.

Test runs are carried out by ATL personnel. Applicants may monitor certification testing, but may not physically interact with the DUT throughout the duration of a test run.

While it is possible for a DUT to successfully complete a test suite in one uninterrupted test run, failures may occur and shall be assessed in the following manner:

- The current test run shall be considered paused
- For the failing test(s), the ATL will inspect harness logs and sniffer captures to validate that the test environment operated correctly
 - o If issues are suspected with the test environment (no DUT modification made), the ATL will address those appropriately and resume the execution of the current test run.
- If the DUT is believed to be responsible for the failure(s), the Applicant shall be informed and may choose to continue the current testing appointment and debug/resolve the issue(s) onsite at the ATL or return later with a revised DUT configuration
 - The current test run is cancelled
 - A new test run – with revised DUT software and/or hardware details – must be executed in entirety; a mix of test runs is not accepted.
- In the event that a failure is disputed, the ATL will notify the Thread CA. The parties will then collaborate to understand, address and disposition the problem. Possible dispositions include, but are not limited to, DUT workarounds, test workarounds and waivers.

The ATL shall maintain comprehensive documentation of the certification testing, including:

- Any deviation from the submitted DUT operation instructions
- A history of all test run definitions, including change logs
- All sniffer captures, console logs and debug logs from all test runs

Upon successful completion of all applicable testing, the ATL shall submit test results for the final test run of the Product to the Thread CA for final review.

3.1.5 Test Result Review

Test results submitted by the ATL shall be reviewed by the Thread CA. Any questions related to the submitted results shall be directed to the ATL.

3.1.6 Test Result Approval

If the submitted test results satisfy Thread Group requirements, the Thread CA shall issue a certificate for the Product to the Applicant within 10 business days of submission

3.2 Type of Certificates

Two types of certificates/logos are granted for Thread-based products – “Thread Certified Component” (for Thread components) and “Built on Thread” (for Thread end-products).

Thread Brand and Messaging Guides

http://portal.threadgroup.org/DesktopModules/Inventures_Document/FileDownload.aspx?ContentID=1092

Members shall not claim a product is Thread-compliant, Thread-compatible, or Thread-certified prior to successfully completing certification.

All certified Thread products are eligible to be listed on the Thread Group webpage. Listing of certified products is optional; members may choose to not list a certified product at all. They may also choose to delay the listing of a certified product for up to 90 days.

Required product listing detail is limited to basic product description information, configuration detail (hardware version and external software version), and supported Thread roles (end device, router, commissioner, etc.). Members may choose to publish additional detail in a free-form description field.

3.3 Certification by Similarity

Thread Group allows certification by similarity guidelines to enable certification of a closely related product variant without standalone certification. The Thread CA is responsible for making a determination if Certification by Similarity is allowed.

A manufacturer should submit the following to the Thread CA to request Certification by Similarity.

- A. CID of the certified Thread product (the Parent product)
- B. Description of the product changes resulting in the request for Certification by Similarity.
- C. Any manufacturer information on the scope of changes and possible impact on Thread Certification.

The following guidelines are noted for Certification by Similarity but the final decision is up to the Thread CA:

| Product Change | Notes | Results |
|---|--|---|
| Manufacturer changes product to offer different packaging or color but no internal hardware, RF circuits or software is changed. | Manufacturer has a family of products with small variations for customer needs. | Would expect certification by similarity is acceptable |
| Manufacturer has a host processor performing application layer functions and operating a GUI on the device. No changes to Thread stack or operation are made. | Distinct separate processor and its code are updated but the Thread code is not. | Would expect certification by similarity is acceptable |
| Manufacturer implements Thread module using certified component into their product. | New product for manufacturer but using certified module | Certification of the device is required as product may change how the Thread stack operates in its product. |
| Manufacturer releases update to Thread stack with documentation changes only. | Does not include bug fixes or other feature changes to the Thread stack | Would expect certification by similarity is acceptable |
| Change of product name and brand name, in order to market products under a different brand name. No other changes. | This is usually done, when company B is re-branding a product from company A. | Would expect certification by similarity is acceptable |

3.4 Recertification

A Thread-certified component or end product must be recertified if the hardware or software affecting Thread functionality is modified.

Thread Group reserves the right to require recertification of Thread-certified products in the scenario where the certification test suite is substantially revised from a test coverage/quality perspective. Such a scenario shall be approved by the Board of Directors.

Recertification is the same process as when the product was initially certified.

3.5 Certification Fees

Thread Group may levy a certification administration fee for every CID, regardless of whether it is ATL-tested or via Certification by Similarity. The Thread Group certification fee schedule and payment method(s) shall be found on the Thread Group Member website. Any change to the certification administration fee will be communicated to member companies at least 90 days in advance of taking effect.

3.5.1 Fees for ATL-tested products

Payment of the certification administration fee is made directly from the Applicant to Thread Group.

In addition to the Thread Group certification administration fee, ATL-tested products are subject to testing fees charged by the ATL to cover test and debug resources expended by the ATL to complete the product's certification testing. The ATL testing service is a business transaction carried out strictly between a member company and the ATL.

3.5.2 Fees for Certification by Similarity

Payment of the certification administration fee is made directly from the Applicant to Thread Group. Successful completion of Certification by Similarity incurs no other fees beyond the certification administration fee.

4 Noncompliance

Figure 2 shows a graphical summary of the Thread noncompliance process. This section explains it in greater detail.

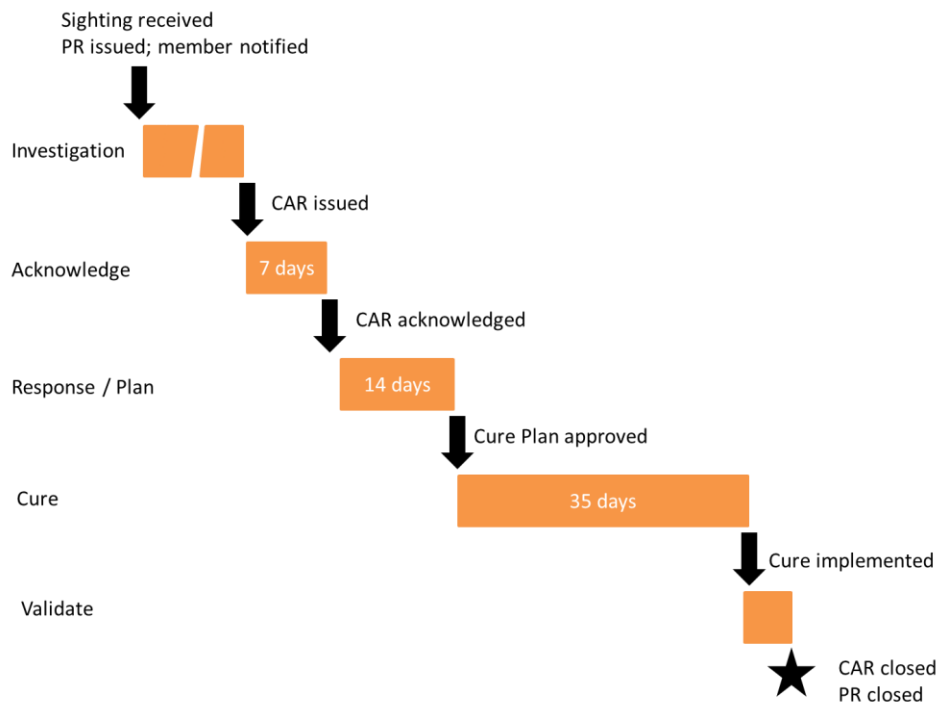


Figure 2 1

4.1 Overview of Noncompliance Process

- A noncompliance report (sighting) is received by the Thread Group (Thread CA)
 - Certificate noncompliance may be discovered in several ways. This includes field reports, member testing, ATL observations or Thread Group audits. Any reports of noncompliance should be submitted to the Thread CA.
- Upon notification of the sighting, a Problem Report (PR) shall be issued by the Thread CA to track the sighting
 - The owning Member shall be notified of the PR and requested to verify the details of the certified product
- The Thread CA shall determine the investigation path, including:
 - The process for obtaining a product sample (commercial or otherwise)
 - The party responsible for verifying the noncompliance claim
- The results of the PR investigation shall be reported to the Member by the Thread CA.
- If the investigation confirms a noncompliance, a Corrective Action Request (CAR) shall be issued, and the Member shall establish a Cure plan
- Upon Thread CA approval of the Cure plan, the Member shall execute the corrective actions
- Upon completion of the Cure plan, the Cured product shall be submitted for validation of the cure

- Once the noncompliance has been validated to be cured, the CAR and PR shall be considered closed.

4.2 Noncompliance Process Timelines

| Period | Timeline |
|-----------------|----------------------------|
| Investigation | Varies |
| Acknowledgement | 7 calendar days (1 week) |
| Response/Plan | 14 calendar days (2 weeks) |
| Cure | 35 calendar days (5 weeks) |
| Validate | Varies |

4.3 Investigation Period

The Investigation period begins when Thread receives notification of a concern, or sighting, with a certified product.

The Thread CA will confirm whether the sighting is related to a certified device and whether it involves functionality that is tested in a Thread certification test plan.

- If the Thread CA review and testing confirms compliance
 - o Thread will inform the Reporter that the device was tested and noncompliance was not found.
 - o The PR is closed; Thread shall take no further action.
- If the Thread CA determines that the sighting is not and should not be part of the Thread certification test plan,
 - o The PR is closed; Thread shall take no further action.
 - o Thread will inform the Reporter to contact the member directly responsible for the product.
- If the Thread CA determines that the sighting is a true interoperability problem but not covered by existing testing,
 - o A Corrective Action Request (CAR) is issued to the Thread Technical Committee for errata consideration and/or enhancement of Thread test coverage.
 - o The Reporter is informed of the conclusion.

4.4 Acknowledgement Period

If the sighting is confirmed to be a true noncompliance issue, the Thread CA shall issue a Corrective Action Request (CAR) is issued to the owning member of the product by the Thread CA.

- Date by which the member must acknowledge receipt of the formal report

- Date by which the member will respond to the reported noncompliance issue of the certified product
- If either of the prior two time lines are not satisfied the certificate shall be immediately revoked

4.5 Response / Plan Period

4.5.1 Agreement

If the member agrees there is noncompliance, then the Thread CA and member shall establish a resolution plan within the Response / Plan period timeline.

4.5.2 Disagreement

If the member believes that the product in question does not exhibit a noncompliance, the member shall provide written justification to the Thread CA within the CAR Response period.

If Thread accepts the member's response:

- The Thread CA provides the member with written acknowledgement
- The CAR and PR are closed
- The Reporter shall be notified that Thread did not find any violation and the matter is considered closed.

If Thread does not accept the member's justification, the Thread CA notifies the member that the related certification will be suspended until the issue is fixed and that, if this does not occur within the Cure period, the certificate will be revoked.

4.6 Cure Period

Once correction and propagation plans have been agreed upon, the Cure period – the timeframe to fix the noncompliance issue – begins.

If the noncompliance issue is not resolved within the Cure period, the certification shall be revoked; actions shall be taken per section 4.9.

4.7 Validation Period

If the member resolves the noncompliance issue within the Cure period, the Cured product shall be submitted to an ATL for recertification. Upon validation by the Thread CA that the resolution is correct (all related certification tests pass), and that the resolution is distributed to the consumers as planned by the member, the CAR shall be considered resolved; actions shall be taken per section 4.9.

4.8 Resolution

A CAR is considered resolved when the Cure for the noncompliance has been validated via a test plan approved by the Thread CA. Upon closure of the CAR (and PR), all suspended certifications related to the CAR shall be reinstated in full.

4.9 Revocation

If a CAR is not resolved within the Cure period, then the related certificate(s) is permanently removed from the Thread Group public website. The member is informed that it must stop using the Thread certification logo and cease all Thread marketing related to the revoked certification(s).

5 Thread Group Authorized Test Laboratory (ATL)

The following chapter provides an overview of the responsibilities and requirements for all Thread ATLs. Furthermore, it defines the initial ATL approval process and the process to maintain the Thread ATL status.

It is the responsibility of the Thread Board of Directors to authorize any new labs (Applicants) to become part of the Thread ATL network. The Director of Certification is responsible for ensuring all Applicants are qualified and aligned with the requirements outlined in the following chapter.

5.1 ATL Responsibilities

A Thread Group ATL has the responsibility for ensuring that all devices submitted for certification meet the certification requirements as defined by the Thread Group Authorized Test Laboratory Agreement. A Thread Group ATL must commit to follow defined Policies and Procedures and Thread Certification must be executed in accordance with the Thread Policies and Procedures.

5.2 ATL Requirements

5.2.1 Thread Group Membership and Event

A Thread Group ATL shall maintain an active Contributor-level membership and attend Thread Member Meetings on a regular basis. As requested, a Thread Group ATL shall attend plugfests and other Thread test events, including hosting these events.

5.2.2 Laboratory Accreditation

To be considered for inclusion in the Thread Group ATL network, a Lab Applicant shall possess ISO17025 [B] accreditation at the time of application to the Thread Group. Within 12 months of acceptance as a Thread Group ATL, an ATL shall have their offered Thread test plans added to their ISO 17025 accreditation scope. In order to maintain Thread Group ATL status, an ATL shall maintain the ISO accreditation scope of all offered Thread Group test plans.

5.2.3 Laboratory Assessments

A Thread Group ATL agrees to be assessed by a Thread Group-designated Assessor. Laboratory assessments shall occur as part of the initial accreditation of a Lab Applicant, and may occur as part of the regular occurring re-accreditation process of Thread Group ATLs.

5.2.4 Test Harness

A Thread Group ATL shall use the current approved configuration (combination of HW/SW) of the Thread Test Bed for all Thread product certification testing. The approved and validated Thread Test Bed configuration is maintained by Thread CA in conjunction with the Certification Committee and Technical Committee.

5.2.5 Inter-Laboratory Comparison Testing

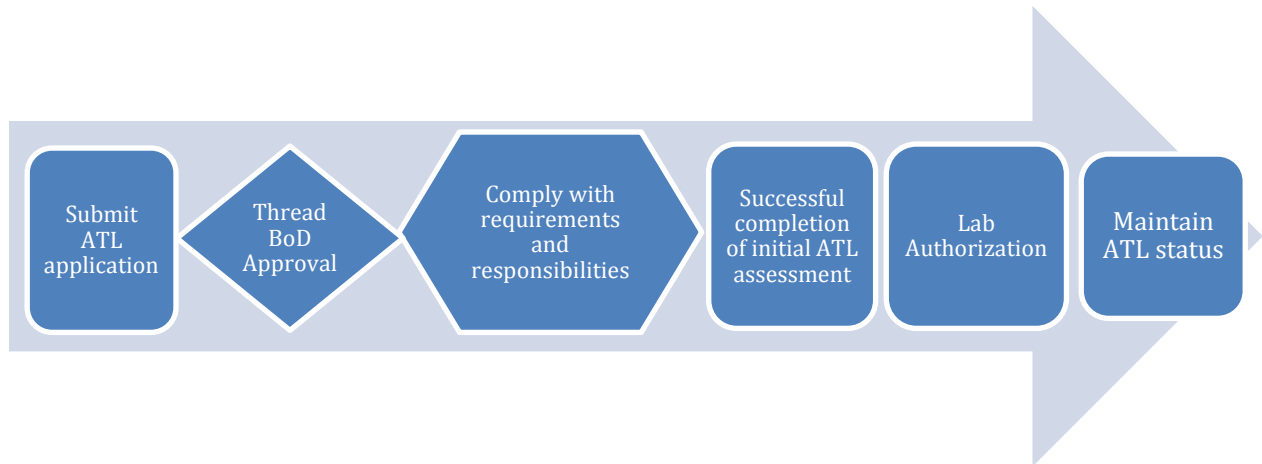
The Thread CA may establish auditing and intra-laboratory comparison testing of Thread Group ATLs. A Thread Group ATL shall participate in any intra-laboratory comparison tests, as requested.

5.2.6 Laboratory Capabilities

A Thread Group ATL may be authorized to execute one (1) or more Thread certification test plans

5.3 Thread ATL authorization process

The process flow below provides a high level overview of the ATL authorization process.



5.3.1 Prerequisites for Thread ATL assessment

It is the responsibility of the Lab Applicant to ensure that all responsibilities and requirements defined in chapter 5.1 and 5.2 are met, before requesting an initial assessment to become a Thread Group ATL.

5.3.2 Thread authorization assessment request

An assessment will take place prior to the authorization of the Lab Applicant as a Thread Group ATL. To initiate the assessment, the Lab Applicant shall submit a completed application form to the Director of Certification to determine the readiness of the Lab Applicant for the assessment. Scheduling of the

assessment will be agreed upon by the designated Assessor and Lab Applicant upon the approval of the application by the Thread Board of Directors.

Appropriate documentation demonstrating compliance of the Lab Applicant with the Thread Certification Policies and Procedures shall be submitted together with the Thread ATL application. Submitted applications will be reviewed within 30 days.

5.3.3 Initial ATL assessment

The required assessment of the Lab Applicant will be held as an onsite assessment. It is expected that the Lab Applicant provides the following during the on-site assessment:

- Verification that all ATL requirements with respect to the Thread Certification Policies and Procedures are met.
- Detailed description of the test methodologies.
- Access to the test harness and staff for evaluation by the auditor.
- Answers to questions from the auditor by personnel managing Thread certifications. Questions might be of technical or procedural nature.
- Execution of specific tests to show capability to run tests in accordance to the latest Thread Test Plan.
- Demonstration of independence from any Thread silicon vendor, module supplier, or end-product manufacturer.

A report with the outcome of the assessment will be shared with the Lab Applicant, including any deficiencies and concerns identified during the assessment. In case that the report shows no deficiencies and concerns, the assessed Lab Applicant receives the official authorization from the Thread Group within 10 working days.

In case that the assessment report includes any deficiencies or concerns, the assessor will explain the details for each deficiency to the Lab Applicant. The Lab Applicant has a cure period of 4 weeks to define appropriate measures and corrective actions in order to address the identified deficiencies.

Once those are implemented, it is the responsibility of the Lab Applicant to submit documentation to demonstrate the compliance to the Thread ATL requirements to the Thread CA.

The Thread CA will review the submitted documentation within 10 working days.

Should the documentation prove the compliance of the assessed 3rd party laboratory to the Thread ATL requirements, the assessed 3rd party laboratory shall receive the official authorization from the Thread Group within 10 working days.

5.3.4 ATL maintenance process

All accredited ATLs will be re-assessed on a regular basis, as determined by the Thread CA. Requirements defined for initial ATL assessments shall provide the basis for re-assessments of existing ATLs to verify ongoing compliance with all ATL requirements.

Any deficiencies identified during the re-assessment of an existing ATL, must be resolved in accordance to the defined process in chapter 5.3.3.

5.3.5 ATL status revocation process

Failure to comply with the requirements outlined in 5.1 through 5.2.6 may result in revocation of the lab's ATL status.

The ATL status can also be revoked outside of the regular re-assessment by not complying with Thread Group Policies and Procedures.

In case of a noncompliance, the Director of Certification will communicate the identified deficiencies to the ATL and a timeline will be provided to resolve the identified deficiencies.

It is the responsibility of the ATL to provide evidence about the successful resolution of the deficiencies, within the given timeline. A failure to do so will result in a revocation of the ATL status.

END OF DOCUMENT