

Charter of the Technical Committee Implementation

Document Revision History				
Version	Status	Update Comment	By	Date
1.0	Final	Enactment	René Widmer	8. Nov. 2022
2.0	Final	Revised charter	N. Rustignoli	26.02.2025

1 - Overview

The SCION Association develops, maintains and provides the repository of the open-source implementation of the SCION architecture on behalf of the SCION Community. The Technical Committee (TC) for Implementation provides input and guidance to this process, and coordinates the development work of the SCION Association with that of community contributors. The TC follows the principle of “community over code” whereby only a healthy community can create, grow and maintain good code.

2 - Responsibilities

- 2.1 The TC Implementation shall have the following responsibilities:
 - 2.1.1 Specifying the requirements and features of the SCION open-source implementation, determine priorities, and develop and manage the roadmap.
 - 2.1.2 Assigning software development tasks to developers or development teams,
 - 2.1.3 Share knowledge, experience and feedback between developers.
 - 2.1.4 Determining the development processes, guidelines and tooling.
 - 2.1.5 Developing and maintaining technical documentation.
 - 2.1.6 Contributing to SCION technical specifications where requested by TC Standardization.
 - 2.1.7 Formulate and manage the composition of teams to provide expertise and advice on specific aspects of its work, and/or to develop particular components.
 - 2.1.8 Coordinate with other SCION boards and committees (including the Advisory Board and TC Standardization) on the development and maintenance of the open-source implementation.
- 2.2 The TC Implementation approves the code and documentation to be accepted and published as the official SCION open-source implementation under the GitHub organization <https://github.com/orgs/scionproto>. The mechanisms of such approval are decided by the TC, which may delegate approval authority to any TC member as they see fit, but this may not be extended to non-members.
- 2.3 The SCION Association in its role as maintainer of the repositories has approval authority.

3 - Membership

- 3.1 Membership of the TC Implementation is personal and shall be as follows:
- 3.1.1 The TC Implementation may propose individuals to join as members based on merit (significant contributions to the SCION open-source projects, etc), provided they meet the requirements of Article 3.2. Membership is subject to approval of a majority of the TC members.
 - 3.1.2 The SCION Association shall be entitled to appoint up to two members and may recommend TC members on behalf of Founding, Supporter, and Community Members of the SCION Association.
 - 3.1.3 Existing members of the TC Implementation as of 1 January 2025 may remain as members.
- 3.2 individuals accepted to the TC Implementation should have:
- contributed considerably to the SCION open-source implementation, or otherwise have the necessary knowledge, skills and/or experience to participate in the open-source development and maintenance process,
 - contributed consistently over an extended period and are likely to continue to do so,
 - demonstrated that they are valuable to the community, i.e. primarily wear a SCION “hat” instead of any other, and are likely to help the community grow and prosper.
- 3.3 Membership of the TC Implementation shall be terminated as follows:
- 3.3.1 Upon resignation from the TC Implementation
 - 3.3.2 By a majority decision of the TC Implementation.
 - 3.3.3 In case of failure to participate in the work of the committee for more than a year, without an explained absence.
 - 3.3.4 By decision of the SCION Association Board of Directors

4 - Governance

- 4.1 The TC Implementation shall appoint a Chair from amongst their numbers.
- 4.2 In the temporary absence of the Chair, another member may assume the position in accordance with whoever has served the longest continuous period.

- 4.3 The Chair shall be responsible for organizing the meetings, preparing and publishing the agendas, recording and publishing minutes, and performing other administrative duties as required. The Chair may delegate these responsibilities to other TC Implementation members as necessary.
- 4.4 The TC Implementation shall meet at least once per year - which may be in-person or online. Additional meetings may be organized as required.
- 4.5 The date and time of each meeting should ideally be announced at least 28 days in advance, with agendas circulated at least 7 days in advance. Minutes should be circulated within 14 days of the meeting.
- 4.6 Meetings shall only be open to TC Implementation members, although other persons may be invited to participate in all or parts of the meeting as guests.
- 4.7 Decision making shall normally be through consensus, although failing this, there will be a vote in accordance with Article 3.1. Decisions shall be made by simple majority, with the Chair having a casting vote in the event of a tie. The quorum required for valid decisions shall be three votes (not including any casting vote).
- 4.8 The Chair is responsible for directing and coordinating the work of the TC Implementation. They are also responsible for liaising with the SCION Association Board of Directors, the SCION Association Advisory Board, and other SCION Association Committees. At least once per year, a report on the work of the TC Implementation shall be made.
- 4.9 The TC Implementation may form technical teams to work on specific aspects of the open-source implementation. These should be activity focused, of limited duration, and include at least one member of the TC Implementation to lead the activities. Other participants need not be members of the TC Implementation.
- 4.10 The TC Implementation will have a mailing list (tc-implementation@scion.org) to facilitate communication amongst committee members.
- 4.11 Representatives of SCION Association members may observe the activities of the committee, subscribe to its mailing lists, and listen to the committee meetings.

5 - Confidentiality

Members of the TC Implementation may be party to confidential Information concerning any matters affecting or relating to the SCION Association or any of its Members. Each Member of

the TC Implementation must hold all confidential Information received from the SCION Association in strict confidence and exercise reasonable levels of care to prevent disclosure to others, nor use it for any purpose other than the performance of his/her duties as a Member of TC Implementation.

6 - Intellectual Property

The ownership of any Intellectual Property created by a Member of TC Implementation through the performance of his/her role shall remain with the Member. Notwithstanding this, each Member of TC Implementation grants to the SCION Association a non-exclusive, irrevocable, fully paid-up, royalty-free, sub-licensable licence to all Intellectual Property and related Intellectual Property rights created through the performance of his/her role as a Member of TC Implementation.