

# Wi-Fi

This Project Group Charter establishes the objectives, scope, intellectual property rights policies and agreements applicable to the Deliverables identified in this Project Group Charter. Only Participants whose Authorized Representative executes this Project Group Charter are permitted to participate in this Project Group in accordance with TIP Bylaws.

**TIP Board of Directors Approval Date:** February 17, 2021

**Term:** The Project Group shall commence on the date this Charter is approved by the Board ("**Formation Date**") and shall terminate automatically one year from the Formation Date unless the TIP Board of Directors votes to extend the Term for a subsequent 1-year term. The TIP Board of Directors may extend the Term an unlimited number of times.

## 1. PROJECT GROUP NAME AND TYPE

NAME: Wi-Fi

TYPE: Solution Group

## 2. OBJECTIVES

The TIP Wi-Fi project group is focused on making End-to-End (E2E) Wi-Fi connectivity solutions a success. The group focuses on the design, development, validation, badging, and publication of such E2E Wi-Fi-based connectivity solutions.

## 3. PROJECT GROUP SCOPE

The group is presently working on holistic network QOS metrics collection and analysis to aid in smarter Wi-Fi offload decision making that enables better monetization of Wi-Fi networks to help in faster return on investments (ROI) of Wi-Fi networks.

The group's activities will include:

- Iteratively design and develop requirements, architectures, and workflows, including prototyping, necessary to define E2E Wi-Fi solutions

- Test and validate solution designs through lab and field trials conducted in TIP Community Labs, as well as hosted by Service Providers or other TIP participants
- Publish solution designs and blueprints validated through TIP trials

The project group will form an Operator Council Form comprised of Wi-Fi project group participants with the foal of capturing requirements reflecting Operator perspective

- Note: The term ‘Operator’ is used here to denote anyone acting as a “demand player”, deploying or operating Wi-Fi services including MNOs, MSOs, MSPs, SIs, and Enterprise/school IT etc.

#### 4. PROJECT GROUP DELIVERABLES

TIP may develop up to four types of Deliverables: Documents; Test Materials; Software; and in rare instances, Specifications. Intellectual Property Rights for each type of Deliverable are governed by a different policy or agreement, in each case approved by the TIP Board of Directors. The applicable policies or agreements are specified in the table below along with any procedures for approval and/or release of each Deliverable the Project Group intends to develop. All such policies and agreements may be found with TIP’s Organizational Documents at: <https://telecominfraproject.com/organizational-documents/> unless otherwise identified **and attached** to this PG Charter. No Project Group may develop Software without forming a separate Project Group using the TIP Software Project Group Charter Template.

Deliverable	IPR Treatment	Approval Procedures
Solution design(s), and artifact(s)	<a href="#">Document IPR Policy</a>	Version(s) by consensus of the SG. Final approval by Technical Committee
Case studies, white papers and other supporting documentation	<a href="#">Document IPR Policy</a>	Version(s) by consensus of the SG. Final approval by Technical Committee
Requirements document(s), architecture and workflow documentation	<a href="#">Document IPR Policy</a>	Version(s) by consensus of the SG. Final approval by Technical Committee
Blueprint(s)	<a href="#">Document IPR Policy</a>	Consensus driven approval in the Project Group after initial drafting in a lab or testing activity; final approval by the Technical Committee if the Project Group chooses to publish as a final Deliverable

## 5. FOR DELIVERABLES WHICH ARE SPECIFICATIONS\*

Check if the PG is developing Specifications as defined in the TIP IPR Policy. All such Specifications must be listed in the table set forth in Section 4 and the IPR Treatment must reference this Section 5.

***[If not checked, the remainder of Section 5 should be left blank]***

### PATENT LICENSING

The patent license for all Contributions, Draft Specifications, and Final Specifications within this Project Group shall be:

RAND License Option, as set forth in Section 5.2.1 of the Telecom Infra Project IPR Policy.

Royalty-free License Option, as set forth in Section 5.2.2 of the Telecom Infra Project IPR Policy.

### FINAL SPECIFICATION COPYRIGHT LICENSING

Each PG Contributor as defined in the TIP IPR Policy agrees that to the extent that its Contributions are incorporated into the Final Specification it hereby grants TIP a copyright license in its included Contributions to release those included Contributions as incorporated into the Final Specification under the terms indicated below.

[Check one box]

Option 1 as set forth in the TIP Supplemental Copyright Policy.

Option 2 as set forth in the TIP Supplemental Copyright Policy.

Creative Commons Copyright Attribution 4. See <http://creativecommons.org/licenses/by/4.0/legalcode>.

Full Release of Copyright into the public domain.

*\*THIS SECTION 5 IS NOT APPLICABLE FOR ANY OTHER TYPE OF DELIVERABLE*

## 6. PROJECT GROUP LEADERSHIP

### CHAIR AND CO-CHAIRS

- Fritz-Joachim Westphal, Deutsche Telekom
- Chetan Hebbalae, Facebook

## 7. PARTICIPATION CRITERIA

Eligible to Sponsors and General Participants who have elected to be Full Participants and are in good standing.

A TIP Participant who wishes to participate in this PG must have its TIP Authorized Representative submit an application at <https://member.telecominfraproject.com/get-started>. The TIP Authorized Representative is the individual identified in the applicable Participant's General Participation Agreement.

No Participant shall be a participant of this PG until and unless TIP notifies the applicable Authorized Representative in writing that the application submitted by such Authorized Representative has been approved by TIP.

## 8. CHARTER UPDATE

This Project Group Charter will be updated to reflect any changes as set forth in the Project Group Charter Revision Policy which may be accessed at [https://cdn.brandfolder.io/D8DI15S7/as/q7rnyo-fv487k-2j33tl/Project\\_Group\\_Charter\\_Revision\\_Policy\\_-\\_Telecom\\_Infra\\_Project.pdf](https://cdn.brandfolder.io/D8DI15S7/as/q7rnyo-fv487k-2j33tl/Project_Group_Charter_Revision_Policy_-_Telecom_Infra_Project.pdf).

## 9. COLLABORATION AND COOPERATION

The group will be structured and managed as a single Project Group, with the option to create additional sub work streams as appropriate to meet community needs.

### EXTERNAL INDUSTRY COLLABORATION

The group will leverage existing Wi-Fi standards and infrastructure, as appropriate, from other industry groups such as:

- Wi-Fi Alliance (<https://www.wi-fi.org/>)
- Wireless Broadband Alliance (<https://wballiance.com/>)

### INTERNAL TIP COLLABORATION

The Wi-Fi project group will collaborate with the TIP Open Converged Wireless software project and will be restricted to contributors of both the Open Converged Wireless software group and the Wi-Fi project group. Collaboration will include:

- Hosting quarterly general meeting between the Open Converged Wireless group and the Wi-Fi group
- Collaborating on draft reviews of requirements documentation
- Sharing deliverables of the Wi-Fi project group with participants of the Open Converged Wireless project group

The project group may also review draft versions of requirements with other TIP project groups, as deemed appropriate and necessary by the co-chairs.

# ACCEPTANCE

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Contact Name

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Contact Title

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Email Address

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Telephone Number (Include Country Code)

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Company Name

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Company Address, City, State, Country, Postal Code

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Company Web Page URL

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Primary services or products the company provides

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Signature

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Date

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Signed by (print name)