Telecom Infra Project: Project Group Charter

Date of Approval by TIP Board of Directors:

This Project Group Charter establishes the scope, intellectual property and copyright terms used to develop the materials identified in this Project Group. Only Participants that execute this Project Group Charter will be bound by its terms and be permitted to participate in this Project Group, and shall be considered "Contributors" in the Project Group as defined in the Telecom Infra Project IPR Policy document.

1. Project Group Name- **Edge Computing**

2. Purpose.

The Edge Computing Project Group will focus on lab and field implementations for services/applications at the network (wireless and fixed) edge. It will not focus on development of architecture on the underlying network edge, but will be open to leveraging existing open architecture, libraries, software stacks and MEC standards (Application enablement and APIs), into a platform as determined by the use case sponsor.

- The network type (enterprise, telco etc.) is determined by the use case sponsor
- Access technologies can include wireless and/or fixed
- A Communication service provider and/or Enterprise must champion the use case for a lab and field trial within 10 months with anticipated deployments upon successful field trial in customer or enterprise network.

The Edge Computing group will develop design Draft Specifications

3. Project Group Scope

The work of the project group is organized and driven by use cases:

- Use cases are proposed by members on a rolling timeline basis
- Use cases must
- Be sponsored/championed by a carrier service provider sponsor or an enterprise. The sponsor will be responsible to implement the field trial.
- Define the edge of the network they choose to sit on
- Have a time line associated with prototyping and field/Telco trial
  Selection of the available underlying architecture options that could be utilized by use cases implementations (e.g. ETSI MEC, CORD, Liquid vendor specific etc.)
- Selected use cases are integrated first in one of TIP program labs and after that work continues in selected carrier sponsor environment.

The scope covers all possible edge use cases including implementations that may amplify future mobile, terrestrial, IoT networks and next generation service deployments, enhancing the user quality of experience, and providing potential new revenue generation models.

The Edge Computing Project Group might liaise with other industry groups or forums for the development of Draft Specifications and use cases. The project group may identify requirements that should be fed into other standard organizations to be considered in their work.

. Project Group Deliverables.
The project group will produce the following deliverables
1) Draft Specifications which will include technical interface or design specifications.
2) Draft Specification for each use case includes use case and architecture descriptions. Use Case solution description includes the following information from all HW/SW components that are delivered as a part of solution: used HW name and HW version, and used SW name and SW version.
3) Marketing document describing benefits of the use case for carriers, enterprises and end users.

As the Edge Computing spans over a range of applications, the project group is detailing the project activities in multiple phases. The Project Group envisages to start working on some selected use cases at start time T.

Phase 1: Targeted T+ <10 months: Development of the use cases and deliverables in TIP community labs.

Phase 2: T+3 months defined timeline: Have the sponsoring Telco implement the use case in their own labs/test environment /or in the field network. Decision for commercial deployment is made at this stage.

Phase 3: commercial deployment in customer and/or enterprise commercial network.

5. 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.
6. Final Deliverable Copyright Licensing. Project Group agrees to grant the following Copyright license for the Final Specification:

√ Creative Commons Copyright Attribution 4, Each Project Group Contributor agrees that its Contributions are subject to the Creative Commons Attribution 4.0 international license -
http://creativecommons.org/licenses/by/4.0/legalcode.
□ Full Release of Copyright into the public domain, Each Project Group Contributor agrees to release its Contributions to the public domain and waive all copyrights associated with them.

7. Chair and/or Co-Chair of Project.
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