IEEE 802.24 Smart Grid TAG
Procedure for starting a new TG

Proposed new 802.24 scope

- IEEE 802.24 **Vertical Applications TAG** focuses on application categories that use IEEE 802 technology and are of interest to multiple IEEE 802 WGs and have been assigned to IEEE 802.24 by the IEEE Executive Committee.

- For those application categories, IEEE 802.24:
  - Acts as a liaison and point of contact with regulatory agencies, industry organizations, other SDOs, government agencies, IEEE societies, etc., for questions regarding the use of 802 standards in those vertical applications.
  - Develops white papers, presentations and other documents that do not require a PAR that describe the application of 802 standards to those vertical applications
  - Acts as a resource for understanding 802 standards for certification efforts by industry bodies.

- NOTE: The IEEE 802 technologies are applied to support the vertical applications. IEEE 802.24 determines what makes the horizontal technologies supportive of the applications. IEEE 802.24 also determines what enhancements to the horizontal technologies would improve their ability to support the applications.

- Examples of potential vertical application categories are: Smart Grid, Intelligent Transportation Systems (ITS), Smart Homes, Smart Cities, eHealth

New TG process (1)

- An individual(s) requests time for a presentation (the best is a tutorial slot) that describes the new application category. The presentation should be:
    - Application focused
    - Supported by multiple members and multiple companies
- If the response from the presentation is favorable, the individual(s) requests that the IEEE 802.24 TAG form a subgroup to write a proposed TG scope document for that application category (the current form is 24-14-0014-01). Approval for forming a subgroup is a majority vote.
- When the subgroup has achieved consensus, the Chair of the subgroup will make a motion to approve the proposed TG scope document in the IEEE 802.24 TAG. Approval requires a 75% majority vote according to the IEEE 802 LMSC Policies and Procedures.
- The IEEE 802.24 TAG Chair submits the proposed TG scope document to all IEEE 802 WGs for review following the process in the "Plenary review" subclause of IEEE 802 LMSC Operations Manual. Note that a PAR is not being created.

New TG process (2)

- The 802.24 subgroup gets a motion in a minimum of 2 IEEE 802 WGs (not TAGs) that expresses support for adding this application category. The WGs that approve the motion may identify specific topics of that application category that are relevant to that WG.

- The 802.24 chair brings a motion to the EC to approve adding the area to IEEE 802.24.

- If the EC approves the formation of the TG, the TG may begin operation immediately.

- The IEEE 802.24 TAG may request that the EC rescind the scope of a TG, thereby dissolving the TG.

Sample Motion in WG

- Moved: IEEE 802.yy WG supports the formation of <Name of 802.24 Task Group> with the scope defined in <DCN>. IEEE 802.yy WG has identified the following topics that are of interest to the WG.
  - Topic 1
  - Topic 2

- Moved:
- Seconded:
- Vote: y/n/a

Responses to comments received on new scope and TG process

Comments from 802.11

Concern:

Not seen large numbers interested in attending 802.24

If we are creating White papers instead of Standards, then are we needing to create a new process.

Can the Industry Connection be a process that is sufficient rather than change 802.24?

Response to 802.11 comments

- Interest in 802.24:
  - IEEE 802.24 has 42 voting members and typically has about 30 in attendance during its sessions.
  - The IoT NaB had attendance of 40 with an 802.3 CFI occurring at the same time.

- Process:
  - The current scope of 802.24 allows the creation of whitepapers within the IEEE 802 P&P

- Industry connections
  - The industry connections process could be used, but it requires creating a new group and covers typically only a single output.
  - IEEE 802.24 can submit an ICAID for any activity or document that might require it on an as needed basis.

802.21 comments, Slide 2 (1)

- IEEE 802.24 Vertical Applications TAG focuses on application categories that use IEEE 802 technology and are of interest to multiple IEEE 802 WGs and have been assigned to IEEE 802.24 by the IEEE Executive Committee.

- Does this mean before 802.24 discusses an application area, it requires 802 EC approval?

  - Answer: IEEE 802.24 can hear presentations that would propose new Task Groups, but work on the application begins after EC approval.

802.21 comments: Slide 2 (2)

- Develops white papers, guidelines, presentations and other documents that do not require a PAR that describe the application of 802 standards to those emerging application

- Are these guidelines, documents meant to be used within 802 or will be circulated to external bodies? If it is shared with external bodies, how will that be done without a PAR? In particular, if the 'guidelines' has the similar meaning that of what IEEE-SA specifies.

  - Answer: The documents may be circulated to external bodies. The terms "guidelines" is too close to the term "guide", which is a document that requires a PAR. Delete "guidelines"

802.21 comments: Slide 2 (3)

- Acts as a resource for understanding 802 standards for certification efforts by industry bodies.

- What is the meaning of 'certification' here? Is this a product certification?

  - Answer: Yes, this is related to product certification.

• 802.21 comments: Slide 3 (1)

- If the response from the presentation is favorable, request from the IEEE 802.24 TAG the formation of a subgroup to write a TG scope document for that application category (the current form is 24-14-0014-01). Approval for forming a subgroup is a majority vote.

- Is it correct that a subgroup is in the form of an ad hoc or interest group appointed by the TAG chair?

  - Answer: The subgroup is formed under the rules stated in "Subgroups of the WG" subclause in the IEEE 802 Working Group Policies and Procedures. The WG (TAG) forms the subgroup and determines its scope and duties. The TAG Chair appoints the subgroup Chair.

- Suggested change: 'a TG scope' should be 'a proposed TG scope'

  - Answer: Accepted and changed in the same manner in other locations to be consistent.

802.21 comments: Slide 3 (2)

- Submit the document to all IEEE 802 WGs for review following the rules for a PAR for a new project in the IEEE 802 LMSC Operations Manual.

- Suggested change 'Submit the document' to 'submit the proposed scope document'

  - Answer: Change "Submit the document" to be "Submit the proposed TG scope document."

802.21 comments: Slide 4 (1)

- Get a motion in a minimum of 2 IEEE 802 WGs (not TAGs) that expresses support for adding this application category and that they will be active participants.

- What will happen if there is support from only one WG?

  - Answer: The TG is not formed

802.21 comments: Slide 4 (2)

- Is active participation required in 802.24 TAG by the supported group or groups?
  - Answer: This was seen to be impossible to require, so delete "and that they will be active participants."
- A TG is dissolved by a majority vote of the TAG.
- If the formation of TG requires EC approval, how the termination can happen by the TAG? Suggest to delete this.
  - Answer: Change to "The IEEE 802.24 TAG may request that the EC rescind the scope of a TG, thereby dissolving the TG."

802.21 comments: General

- WG recommends that 802.24 considers writing a PAR and CSD by converting it as a WG when there is interest on a specific topic and is approved by EC. Otherwise, the entire process of creating a scope document by 802.24 and then other WGs write a PAR and CSD can simply add one year or more delay to the overall Standards process.
  - Answer: The 802.24 TAG was not formed with the purpose to create standards or other documents that require PARs. While its work may result in a PAR being created, such a PAR would be ultimately handled by another IEEE 802 WG. Most, if not all the work done by 802.24 TGs will not result in PAR related activity.

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Comments from Bob Heile

- Comments are on Smart Grid proposed TG scope document (24-14-0015-01)
- On the first bullet below – I think the role should be to identify areas requiring liaison and overseeing the establishment of the same either within the TAG or elsewhere in 802 as appropriate and with concurrence of the EC.
  - Answer: Changed to two bullets as shown:
  - Identifies and oversees liaison activities with regulatory agencies, industry organizations, other SDOs, government agencies, IEEE societies, etc.
  - Acts as a point of contact for the above organizations for questions regarding the use of IEEE 802 standards in Smart Grid applications.
- Should also include IEEE 2030.5
  - Answer: IEEE 2030.5 and IEEE SCC21 were added