IEEE 802.24 Smart Grid TAG
Procedure for starting a new TG

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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 emerging applications.
  - Develops white papers, guidelines, presentations and other documents that do not require a PAR that describe the application of 802 standards to those emerging applications
  - Acts as a resource for understanding 802 standards for certification efforts by industry bodies.

- NOTE: The horizontal technologies are applied to the vertical applications. IEEE 802.24 determines what makes that horizontal technology or what enhancements are required to make them more applicable to a specific vertical application.

- Examples of current and potential application categories are: Smart Grid, Machine to Machine (M2M), Internet of Things (IoT), Vehicular Networking.

New TG process (1)

- Schedule 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, 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).
- When the subgroup has achieved consensus, get approval of the scope document from the IEEE 802.24 TAG.
- 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.

New TG process (2)

- 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. The WGs that approve the motion should also identify specific topics of that application category that are relevant to that WG.

- Bring a motion to the EC to approve adding the area to IEEE 802.24.

Scope document

1) Scope – Provide a clear description of a specific application. The proposed application and area should be clearly bounded.

2) Customer – Who will benefit from the work product of the proposed TG? Is there a clear need for standards in this application space?

3) Similar groups – What are the liaison opportunities?

4) Broad market applicability – Will there be numerous users of the information? Does the application have broad applicability? Is it supported by multiple vendors?

5) Will it identify new ways that 802 standards can be integrated or applied across WGs?

6) Distinct identity – Is this area something already being addressed in 802? Does it require cross WG support?

7) Feasibility – The proposed work will serve the identified users. Initial work items have already been identified.