

To : Vic Hayes, Chair of 802.11
From : Dhadesugoor R. Vaman

Sub : Regarding the IEEE 802.9 ISLAN over wireless PHY
Date : July 8, 1997

Dear Vic:

I would like you to recall our discussions at the last Plenary about the proposed method by Chandos Rypinski of developing 802.9 ISLAN over wireless PHY. Subsequently, I had email correspondence with Jim Carlo, some of the correspondence you have seen. The questions are what we should do and how to proceed with Chandos's request. Jim and I agreed that Chandos be given a chance to present a tutorial on this subject. Of course, Chandos approached me to establish this activity within IEEE 802.9.

In today's tutorial, he may reiterate his request for a study group formation. In my opinion, the formation of the study group requires broad industry support and the focus of the activity that needs to be accomplished. If the focus is on the ISLAN protocol support over wireless PHY, then it can happen in our WG with tight liaison from your WG.

On the other hand, if the focus is on wireless PHY architecture, it may not fit in our WG. In any case, we need to have communications between us on this matter. I would request you to urge your WG members to attend the tutorial tonight.

Chandos's arguments for ISLAN protocol over wireless PHY will be better understood by the tutorial presentation tonight.

Since you are issuing a new high speed PAR on Thursday night, it is important for me to comment today about Chandos's tutorial. I do not want a competing technology from 802.9 and 802.11.

Based on the discussions with Chandos, I find that ISLAN architecture which supports issues like connection oriented and bandwidth on demand is significantly different from your group's interest. At the same time, his argument for wireless PHY should be attractive to your group. From the 802.9 WG perspective, the wireless PHY is transparent to ISLAN services.

If a request for formation of study group is made with broad industry potential, then we should attempt to resolve this issue in such a way, where we will need to forge a tight liaison between our groups.

Right at this time, I do not understand whether this proposal has broad industry representation. Please let me know when we can meet and discuss this further. I would prefer to do this after the tutorial, so that we will have a better understanding of the technology benefits and industry acceptance.

If any of your WG members want to know why I am giving an audience to Chandos's proposal, please let them know that every Chairman has to provide audience to any individual coming with a proposal.

I believe that the IEEE 802.9 WG will have an interest in this study group provided the proposal uses the ISLAN architecture which is based on a centralized hub approach and therefore, no contention for the bandwidth is involved. The IEEE 802.9 WG also provide extensive expertise in specifying services from different backbone networks to the desktops using the hybrid channelization of the User-Network-Interface between the desktop and the Access Unit. This also includes cell bearer services.

I hope that I have been able to provide you all the details of what is happening. As the Chair of the IEEE 802.9, I will introduce Chandos and present some basis for the tutorial.

Please let me know if you have any comments from yourself or your WG.

Thanks

Dhadesugoor R. Vaman

CC:
Jim Carlo
Paul Nikolich