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| Project | **IEEE 802.21 Working Group for Media Independent Services**  **<**[**http://www.ieee802.org/21/**](http://www.ieee802.org/21/)**>** |
| Title | **Liaison-letter-to-IEEE-802-21** |
| DCN | **21-17-0021-00-0000** |
| Date Submitted | **May 1, 2017** |
| Source(s) | Sangkwon Peter Jeong (JoyFun Inc.) [ceo@joyfun.kr](mailto:ceo@joyfun.kr)  Dillon Seo (VoleR Creative) [dillon@volercreative.com](mailto:dillon@volercreative.com) |
| Re: | IEEE 802.21 Session #80 in Daejeon, Korea |
| Abstract | This contribution is Liaison letter within IEEE 802.21 and IEEE P3333.3 |
| Purpose | To propose exchange information about the Network standard of HMD based VR technologies. |
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April 27, 2017

**To:** Subir Das, Chair of IEEE 802.21 TG

cc: Paul Nikolich, Chair of IEEE 802 LMSC

**Subject: IEEE P3333.3 HMD based 3D Content Motion Sickness Reducing Technology Network Handover Problem Solving**

Dear Subir,

This letter is to seek an opportunity to form a cooperative R&D partnership between P3333.3 WG and 802.21 TG. One of the TGs in P3333.3 is exploring to establish minimum network requirements to reduce the motion sickness people experience when using a VR HMD and one of the concerns raised in our first meeting in April, 2017 is the network handover when there is a change in wireless connection. We understand that IEEE 802.21 is the TG tackling this issue and we would be much interested in working with your TG to tackle the same problem for virtual reality.

The IEEE P3333.3 WG had a meeting in Seoul, Korea from April 24, 2017 to April 27, 2017 and the progress of the meeting can be found at the following link:

<https://mentor.ieee.org/3333.3/dcn/17/3-17-0023-01-0000-session-12-agenda.docx>

Also, the current structure of IEEE P3333.3 draft can be found at the following link:

<https://mentor.ieee.org/3333.3/dcn/17/3-17-0027-00-0000-ieee-p3333-3-structure-and-management.pdf>

The IEEE P3333.3 WG is looking forward to further discussion and cooperation with IEEE 802.21 TG while developing the minimum network requirements to reduce the motion sickness people experience while using a VR HMD.

Best Regards,

Dillon Seo, Chair of IEEE P3333.3 WG