

Report of SS11

PT100-18 VR/AR/MR Technology

Xiaoying ZHAO

Background information

- Intend to have survey on market and technology of VR products/systems, including
 - key features
 - typical use cases
 - customer requirements
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- Expected output may be
 - standard needs
 - critical parameters
- AGS chair recommended to establish Study Session 11 (VR Technology) to study this topic.
 - Ms. Xiaoying Zhao is the leader of SS11
- In the past TC100/AGS 41th meeting held in Singapore, it is suggested to include AR/MR into the study scope.

» Expert list of SS11

Team Leader	Ms.	Xiaoying	Zhao	CN	zhaoxy@cesi.cn
1	Mr.	Ockwoo	Nam	KR	phdnow59@gmail.com
2	Ms.	Kate	Grant	UK	ninetiles@yahoo.com
3	Mr.	Pekka	Talmola	FL	pekka.hk.talmola@nokia.com
4	Mr.	Nidhish	Parikh	FL	nidhish.parikh@nokia.com
5	Mr.	Kwang-Soon	Choi	KR	lenon@keti.re.kr
6	Mr.	Renwei	Chen	CN	chenrw@cesi.cn
7	Mr.	Yan	Fang	CN	barrel.fang@huawei.com
8	Ms.	Veronica	Lancaster	US	vlancaster@cta.tech
9	Ms.	Ulrike	Hatrich	DE	ulrike.hatrich@sony.com

Scope of SS11

- Try to list and carefully evaluate the techniques used in field of VR/AR/MR.
- Find out the potential requirements for standards.
- Provide new projects to TC100.
 - First start from VR.

»» Previous and future

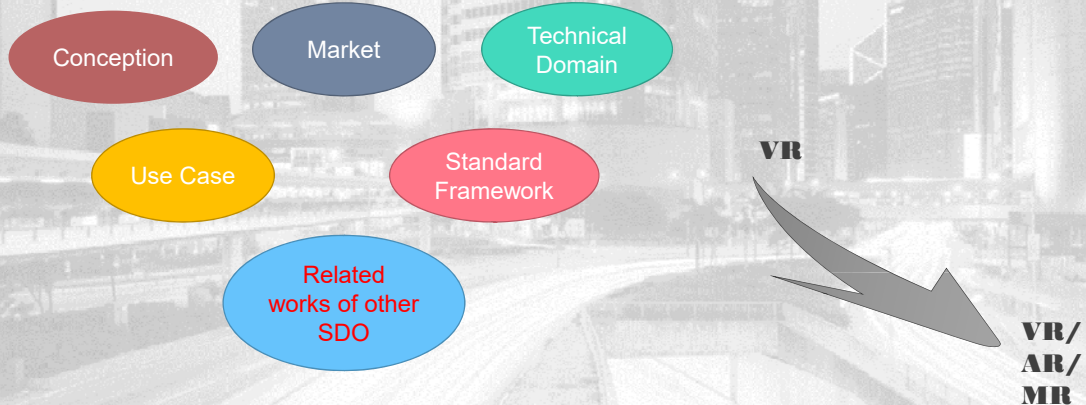
From	To	What to do	What we want	
2017-4-28	2017-5-5	First mail-based discussion	A brief outline of interested issues	Done
2017-5-5	2017-5-9	Mail-based discussion on the report to AGS	Try to provide a proposal on a report of VR products/market/techniques.	
2017-7-20	2017-9-14	Start prepare the draft of TR	TR: Market, Technology and Standards Requirements of VR.	Done
2017-9-15	2017-10-31	Discussion and comments about the TR Draft	A F2F meeting will be held in Sep 28th.	Doing
2017-11-1	2017-12-15	Refine the TR and provide the modified version to TC100.	Give a standard framework of VR, as an reference for futhre projects.	Will Do
2018-1-1		Start the next step about AR/MR		Will Do

What introduced in TR(Ver 1.0)

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What we want to show in the TR



Proposal

- Get as much support as possible within TC100 for
 - Gathering information about existing products and technologies.
 - marketing data
 - outstanding companies & new products
 - new bussiness mode
 - any upcoming customer requirements about performace and accessibility of VR products/systems.
 - etc.
 - Gathering information about technology trend and standards.
 - Any update of typical use cases.
 - Comments and suggestions.

