

## Extension to IEC 61998 - TC 100 positions to Internet application and IoT

at AGS  
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in Minsk, Victoria Olimp,  
Room Balcerona  
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## The history and the current situation of TC 100 standardization

- IEC 61998: Model and framework for standardization multimedia equipment, was made at the starting period of TC 100 in 1998. It was initiating TC 100 standardization works. TC 100 started with TA1-TA9 and added the new TAs after that.
- In 2010, FT-TF studied the short term future technologies, then the new TAs were added from that. We have now 13 TAs for each theme.
- At the same time of IEC 61998 creation, there was "PACT" (President's Advisory Committee on Future Technology) direct under IEC to identify standardization issues concerning "Human interfaces in Multimedia network Era".

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- PACT mentions the cyber world.

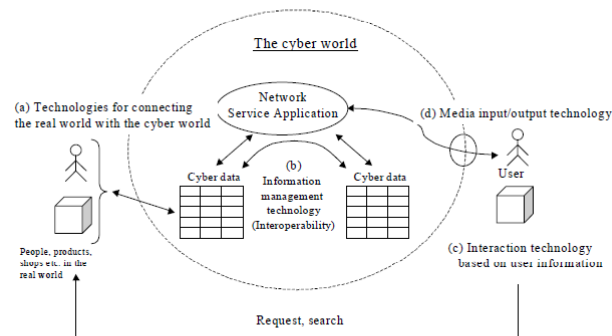


Figure 8 Standardization technologies for the Network HI to fuse the real world and the cyber world

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- TC 100 has no obvious TA or activities concerning this cyber world issues.
- Some activities related to this issue exist under TA8,
  - IEC 62608: Multimedia home network configuration
    - Standardizing Internet application regarding home network of TC 100
  - etc.
- IEC 61998 Edition 2 includes the cyber world application.

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## Summary and suggestion

- Internet and its applications such as IoT are the big issue of our TC 100.
- For instance, these AV and multimedia application are subjects under TC 100.
  - Music or Video streaming service
  - Cloud application for AV&MM
  - Big data application for AV&MM
  - Internet data services
  - Other Internet technology and application related TC 100 scope

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- Problem
  - IT industries take care of this kind of applications. Currently TC 100 has a small or no activity regarding this.
  - Some standardization work of TC 100 needs Internet technology, it needs a collaboration with IT industries.
- Suggestion
  - At first, make Study Session in AGS to study Internet application or IoT.
  - Then, make TR for this issue.

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