‹ ISE24 IPMX theater Demystify CODEC Options - YouTube

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Summary

Ben Cope from Intel explains the work of the IPMX codec activity group in the video script. The group aims to provide guidance on codec options and make recommendations based on different use cases.

Transcript

00:01	hi there um I'm Ben cope from uh Intel I'm a technologist in our group looking at the professional AB market and uh today I'm going to tell you about the work I've been doing with uh with many other colleagues you'll you'll see the companies here um as a in the ipmx codec activity group at the video Services Forum I co-chair this group with uh Andre uh from matrox um and also um you know Andrew who's here

Timestamped Highlights

00:00	👥 Ben Cope introduces himself and the IPMX codec activity group.
02:12	📊 Ben explains the different groups involved in the IPMX initiative.
04:35	🎯 The codec group aims to have open discussions and make recommendations on different codec use cases.
07:20	🔍 Ben discusses the motivation behind the codec group, including the shift from AV to IT and the importance of sustainability and manageability.
09:40	📈 The group explores different codec options and provides guidance on comparing and assessing them.
12:15	📚 Ben discusses the use cases and decision factors considered by the group.
16:40	📒 The group's roadmap includes developing test sequences and

19:00   Ben shares the participants involved in the codec activity group.

21:25   📝 The group's work includes updating use cases, creating test sequences, and generating a codec landscape report.
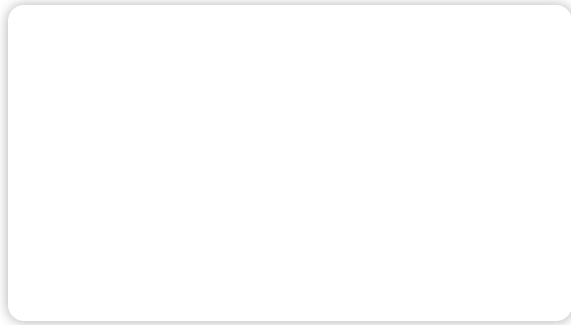
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Key Insights

- 💡 The codec activity group aims to provide guidance on different codec use cases and make recommendations based on assessments and comparisons. This helps professionals in the AV over IP space understand the suitability of different codecs for their specific needs.

- 💡 The shift from AV to IT, along with the use of standard PC hardware, has accelerated the adoption of AV over IP solutions. This transition enables sustainability and manageability benefits from the IT space to be leveraged in the professional AV industry.

- 💡 The codec group focuses on assessing decision factors such as resolution, bit rate control, hardware and software complexity, availability, error resilience, and multi-resolution support. These factors help in evaluating and comparing codec options for different use cases.

- 💡 The group's work includes updating use cases to better represent the breadth of codec requirements, developing test sequences for self-testing, and creating a codec landscape report. This structured approach provides valuable tools and resources for the industry to make informed decisions about codec selection.

- 💡 The group emphasizes collaboration and knowledge-sharing, welcoming new

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growth of AV over IP and enhance the body of knowledge in the professional AV industry.

- 💡 The codec activity group does not aim to select a winning codec or discuss costs. Instead, the focus is on providing guidelines, tools, and recommendations to facilitate codec assessment and comparison.

- 💡 The group's roadmap includes finalizing the codec landscape report, completing vendor self-test plans, and wrapping up the activity in the first quarter. Further work can be considered in the future based on feedback and industry needs.

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