



MC-IF interoperability survey

About the survey

This survey is being conducted to facilitate the timely commercialization of Versatile Video Coding (VVC), the new international standard for video coding. MC-IF is interested in helping VVC implementers conduct interoperability testing efficiently so that VVC can be deployed into the market quickly. The purpose of this survey is to establish the need, interest and relevant timeline in order to create a work plan for potential interop activities and resources.

When answering the survey, we would like you to consider the following:

- The survey is anonymous and results of the survey will not be published outside of MC-IF.
- There are no formal restrictions regarding the number of responses per organization. However, in order to ensure that results of the survey are useful for the MC-IF and industry as a whole, we ask you to coordinate within your organization.
- Interop activities and services included in this survey may be actioned subject to sufficient interest and contribution from MC-IF members.
- In case you be interested in contributing towards some of those activities, there is an option at the end of the survey to provide your organization's name and contact details (email). Those will not be linked and shared with survey results and only used by MC-IF to follow up regarding potential interop activities.

The survey takes between 5-10 minutes to complete and will close on the 28th of August 2020.

About MC-IF

The Media Coding Industry Forum (MC-IF) is an open industry forum with the purpose of furthering the adoption of MPEG Standards, initially focusing on VVC, by establishing them as well-accepted and widely used standards for the benefit of consumers and industry. Any party that supports MC-IF's goals is invited to join the Forum! MC-IF will work on the non-technical aspects of deployment of media standards, notably including licensing, by facilitating cross-industry discussion. It will also be a hub for information related to implementations, tools, and guidelines for usage of VVC and related standards.

If you're not a MC-IF member and would like to find out more about MC-IF mission and membership, click <https://www.mc-if.org> or join now <https://www.mc-if.org/membership>

1. About your organization

1.1. Select which category best describes your organization's business.

(select one that applies)

- Broadcast service provider
- Cable network
- Consumer electronics manufacturer
- Content provider
- Equipment manufacturer
- Government
- Mobile operator
- Network operator
- OTT service provider
- Research / Academia
- Technology provider
- Other

(if Other)

1.2. Relation to MC-IF?

(select one that applies)

- My organization is a member of MC-IF
- My organization is not a member and considering joining
- My organization is not a member and not planning to join at this stage

1.3. What is your organization's interest in the MC-IF Interoperability Work Group?

(select all that apply)

- Monitor the status of interoperability
- Develop best practices
- Collaborate with members on interoperability
- Develop interop activities with selected members
- Networking with industry peers
- None
- Other

(if Other)

2. Interop resources and services

2.1. Joint Video Experts Team (JVET) is working towards the conformance testing specification for VVC. The specification will include a suite of test VVC bitstreams. Are you planning to use this resource for your interop testing?

(select one that applies)

- Yes
- No
- Not aware of it
- Not relevant for me

2.2. Do you think it would be beneficial if conformance bitstreams were available in addition to those available through JVET?

(select one that applies)

- Yes
- No
- Don't know

2.2.1. (If 2.2. Yes) Should MC-IF host those bitstreams?

(select one that applies)

- Yes
- No
- Don't know

2.2.2. (If 2.2.1. Yes) Would you consider contributing test bitstreams to such a MC-IF hosted test repository?

(select one that applies)

- Yes
- Potentially yes
- No
- Don't know
- Not relevant for me

2.3. If MC-IF were to host plug-fest events, would you be interested in participating?
(select one that applies)

- Yes
- Potentially yes
- No
- Not relevant for me

2.3.1. (If 2.3. Yes or Potentially yes) When would such a plug-fest event be most useful to you?
(select one that applies)

- Now
- In 1-2 years
- Don't know yet

2.4. If MC-IF were to host an anonymous bitstream exchange service, how useful would you find it?
(select one that applies)

- Very useful
- Potentially useful
- Not useful
- Not relevant for me

2.4.1. (If 2.4. Very useful or Potentially useful) When would such a service be most useful to you?
(select one that applies)

- Now
- In 1-2 years
- Don't know yet

2.4.2. (If 2.4. Very useful or Potentially useful) How would you want to use such a service?
(select one that applies)

- As a bitstream provider
- As a bitstream tester
- Both as bitstream provider and tester

2.4.3. (If 2.4. Very useful or Potentially useful) Which types of bitstreams would you be most interested in exchanging or testing?
(select all that apply)

- VVC elementary bitstreams
- Pathological legal bitstreams
- Illegal bitstreams
- Profile and Level constraints

- System bitstreams (e.g. MPEG-2 TS)
 - Application bitstreams (e.g. 360-video)
 - Other:
- (if Other)

2.5. If MC-IF were to host an online bitstream validator tool, how useful would you find it?

(select one that applies)

- Very useful
- Potentially useful
- Not useful
- Not relevant for me

2.5.1. (If 2.5. Very useful or Potentially useful) When would such an online bitstream validator be most useful?

(select one that applies)

- Now
- In 1-2 years
- Don't know yet

2.6. Are there any other resources or services not covered in the above that would be useful to you? If possible, please indicate the importance and timeline.

3. Final comments

3.1. Do you have any additional comments?

3.2. Please provide contact details (name of your organization and contact email) if you authorize MC-IF to be contacted regarding interop activities that may be of interest to you.

Thank you for taking the time to complete this survey!