 ISO/IEC JTC 1/SC 29/WG 2 N00137

**ISO/IEC JTC 1/SC 29/WG 2  
MPEG Technical requirements   
Convenorship: SFS (Finland)**

**Document type:** Output Document

**Title:** Call for interest of data compression in MPEG

**Status:** Approved

**Date of document:** 2021-10-15

**Source:** ISO/IEC JTC 1/SC 29/WG 2

**Expected action:** None

**Action due date:** None

**No. of pages:** 2 (with cover page)

**Email of Convenor:** igor.curcio@nokia.com

**Committee URL:** <https://sd.iso.org/documents/ui/#!/browse/iso/iso-iec-jtc-1/iso-iec-jtc-1-sc-29/iso-iec-jtc-1-sc-29-wg-2>

**INTERNATIONAL ORGANIZATION FOR STANDARDIZATION**

**ORGANISATION INTERNATIONALE DE NORMALISATION**

**ISO/IEC JTC 1/SC 29/WG 2**

**MPEG TECHNICAL REQUIREMENTS**

**ISO/IEC JTC 1/SC 29/WG 2 N** **00137**

**Online – October 2021**

|  |  |
| --- | --- |
| **Title** | **Call for interest of data compression in MPEG** |
| **Source** | **WG 2, MPEG Technical requirements** |
| **Status** | **Approved** |
| **Serial Number** | **21067** |

# Call for Interest in Generic Data Compression in MPEG

MPEG (in ISO/IEC JTC1/SC29/WG02) has been exploring the feasibility of standardizing generic data compression within ISO/IEC JTC1/SC29 since last year. The discussion began with some initial thoughts on data compression.

With the advent of information age, the need for general data compression (both lossless and lossy) is ever growing and the usage of data compression is expected to cover not only the conventional areas such as compression of audiovisual data, but also newly emerging data such as genome, game, big data, etc. Now, we are at the stage of defining use cases and requirements of data compression of any new field that would benefit from lossless compression. More specifically, the following items are the major issues for discussion:

* Develop use case scenario and requirements of data compression
* Solicit test data for the evaluation of lossless compression tools
* Evaluate lossless compression tools with test data
* Study the procedural issues (e.g, IPs, software copyrights, versioning, etc.) to reuse or extend the exiting generic compression tools.

We would like to invite the experts in the field of data compression and other stakeholders of related technology and market for participating the exploration of data compression. Those experts or organizations who are interested in participating this activity are welcome to join the following email reflector: <https://list.aau.at/mailman/list-info/mpeg-dc> and send an email to the ad hoc group chair (Prof. Euee S. Jang, [esjang@hanyang.ac.kr](mailto:esjang@hanyang.ac.kr)) as a confirmation of your interest.