MPEG-5 Essential Video Coding (EVC)

Abstract:

Over the years, multiple different video coding standards have emerged, with each new generation offering better compression performance than the previous one. However, compression efficiency is not the only factor that determines how well a codec meets the overall market needs for a given application area. The MPEG-5 Essential Video Coding (EVC) standard is currently being developed by MPEG using a novel development process. This aims to address business requirements as well as technical requirements, with a particular focus on the needs of market segments that are currently not well served by other MPEG and ITU-T standards. The business requirements that have been identified include encouraging the timely publication of licensing terms, to allow reliable business plans to be created at an early stage and hence facilitate the rapid deployment and widespread use of the standard.