

Center for Next Generation Video (CNGV)

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Scaleable Video Coding

Researchers at the Center for Next Generation Video have developed a technique for scalable video coding, or data compression, called MC-EZBC. The technique can accommodate different video resolutions, frame rates, and quality at the same time and is flexible enough to serve many users with different systems and network link capabilities. The research has provided the basis of an effort to develop standards for video coding for transmission over the Internet by MPEG (Motion Picture Experts Group, a committee of the International Telecommunications Union, the official international body that defines the standards for DVD, digital broadcasting, and video). The center's work was the impetus for this standardization effort of MPEG.



