

1 Public Executive Summary

This report highlights the first step prototype of a field recorder for digital 3D cinematography.

Based on the former FlashPak™, the first portable recorder for uncompressed cinematography images relying on NAND-Flash storage technology in 2005, D4.5 has defined architecture enhancements and new functions for recording of 3D streams. This new architectural approach has now been implemented and evaluated introducing recording with increased data bandwidth in a new network infrastructure based on 10G Ethernet.

This implementation marks a starting point for the next defined steps like parallel recording of multiple camera streams and fast content offload.