

EARTH OBSERVATION SYMPOSIUM (B1)
Future Earth Observation Systems (2)

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NEXT GENERATION SPACE BASED COMMERCIAL HYPERSPECTRAL IMAGING
ARCHITECTURE

Abstract

Commercial satellite systems continue to push the state of the art in both satellite collection technologies and terrestrial data production capabilities. HySpecIQ and the Boeing Company have partnered to deliver a next generation commercial satellite imaging system, delivering a first-of-a-kind, high resolution, hyperspectral remote sensing system. This system integrates technologies proven by the US government to collect hyperspectral data from space and fuse the hyperspectral data from multiple sources, to generate commercial information products. This. The authors will describe the next generation technologies and future developments for the HySpecIQ satellite system.