

Abstract

Implementing a Reusable ArcIMS Framework to Deliver High Resolution Imagery

Track: New Technology and Technology Integration

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The availability of high resolution imagery has increased the demand for serving imagery into web mapping sites. The integration of high resolution imagery, such as 1m IKONOS, is in demand. Delivering large data volumes at high resolution to ArcIMS map services is not trivial. Space Imaging has developed a reusable ArcIMS application framework that can be used to build and deploy multiple ArcIMS based applications on a web site. The framework facilitates the development of numerous applications with a consistent look-and-feel while minimizing programming code duplication.

Technical requirements, issues, and solutions will be reviewed for building ArcIMS based sites that integrate high resolution imagery with GIS data. This paper will focus on sharing techniques to aid others in achieving optimal ArcIMS web site implementations.

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