Abstract

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ARMY ITAMGIS: Developing a Standard Army Training Map Production Tool
Track: Defense and Intelligence
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The Integrated Training Area Management Program’s GIS Regional Support Centers (RSC) support production of military installation training maps for 115 Army installations. For smaller sites, this task requires data development and map layout, and the RSC are available for technical support to larger installations, which have onsite GIS operators. In order to streamline this production task, the RSC designed and implemented a standard process. A model personal geodatabase containing the majority of ITAM related feature datasets and feature classes was created using the CADD/GIS Technology Center’s SDSFIE/FMSFIE Geodatabase Builder. An ITAM stylesheet was created using the Style Manager dialog. RSC developers created tools that create map elements such as conversion graphs, north arrows, scale bars, slope guides, projection parameters, and military grid reference system (MGRS) information using VBA.

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