

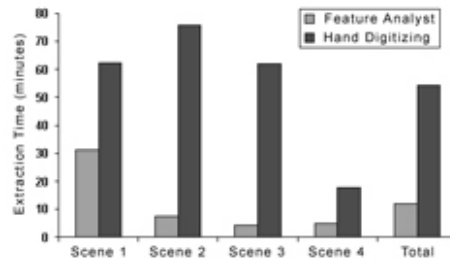
PROJECT SUMMARY SHEET: DEFENSE

Project Name:

Accuracy and Time Test Comparisons
Between Feature Analyst® and Traditional
Manual Feature Extraction Methods

Organization:

National Geospatial-Intelligence Agency



The Feature Analyst extraction method was 4.5 times faster than hand digitizing

Highlights:

- Extraction time reduced by a factor of 5 to 10
- Potential time savings of as much as a factor of 100
- Greater productivity with more accurate and consistent results

Project Summary:

In a recent AFE Test and Evaluation program conducted by NGA, a team of analysts performed both manual and algorithm timed extractions on four datasets, comparing Feature Analyst with a manual extraction approach. According to the report, “Feature Analyst proved to increase production over hand digitization, while at the same time achieving more accurate and consistent results.”

Post-evaluation discussions and a formal questionnaire both revealed a high level of enthusiasm for Feature Analyst. NGA analysts agreed that the system was easy to learn and simple to use. In 2005, NGA selected Feature Analyst for early insertion into its production environment. The organization intends to deploy Feature Analyst across its Integrated Exploitation Capability (IEC) workstations in 2006.

Reference:

Michael O’Brien, NGA
Feature Extraction with the VLS Feature Analyst System



Download your FREE Feature Analyst evaluation and tutorial at www.featureanalyst.com.

Visual Learning Systems, Inc. | P.O. Box 8226 | Missoula, MT 59807 | phone: 1.866.YOURVLS | email: sales@vls-inc.com | www.vls-inc.com