

**NEW TOOLS TO MOSAIC AND GEOREFERENCE IMAGERY:
DIME “THE NEW TOOL” SHOWCASING THE FLATHEAD NATIONAL
FOREST POST FIRE MANAGEMENT^{AFS}**

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With the introduction of new imagery from satellites, digital cameras and the increased use of scanned film aerial photography, there is a great need for tools that quickly and cost effectively mosaic and georeference imagery to use in a GIS or Image Processing Systems. New technology and production processes, such as those found in the DIME Software, have recently been developed to allow users to preprocess their imagery more efficiently so that it can easily become a useful addition to their GIS. This new, lower cost, capability is particularly useful in applications such as Timber Management, Environmental Monitoring, or other Land Management activities and applications. The Poster will show a recent image mosaic of the Flathead National Forest, 2003 fire and discuss potential uses of that imagery. Positive Systems is a products and service company based in Whitefish Montana. Past and current customers include NASA, the USDA Forest Service and Farm Service Agency.