



TerraFlash is a rapid 2D and 3D enterprise level image processing system actively deployed for the U.S. Department of Defense. The 2D processing is massively scalable, sensor agnostic, and even supports uncalibrated sensors. TerraFlash can generate 3D models straight from 2D imagery and allows customers to rapidly process aerial imagery and then view results over a secure internet connection. Those specializing in aerial image acquisition can upload their data after landing and view seamless, orthorectified maps the next day.

	TerraFlash Algorithm Modules <ul style="list-style-type: none"> • Dense 3D extraction • 3D modeling • Georeferencing • Orthorectification • Seamless mosaicing and blending • Seamless Map in Google Earth™, NASA World Wind, ESRI, and FalconView 	Features & Benefits <ul style="list-style-type: none"> • Dense 3D extractions and surface models from 2D imagery • Cutting edge algorithms • Processes up to 1,000 square miles of aerial imagery in as little as 24 hours • Fully automated • Secure internet data hosting • Supports PeARL and third party aerial sensors
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WulfPack computer clusters provide the computational muscle for the most demanding signal and image processing algorithms. These durable clusters are highly adapted to the challenging environments in military ground and aerial deployments: extreme low power, high thermals, and strong vibrations. Advanced cluster management software suite is included with each cluster system to handle load balancing, job scheduling, and data caching.

	Features & Benefits <ul style="list-style-type: none"> • High data bandwidth • 64-bit architecture • Scalable, 1-500+ cores • Easy field setup • Software Development Kit (SDK) included for rapid development • Adapted for rugged, military environments
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