

Warplite Software Warp & Blend

Overview

RPA Warplite is a cost-effective warp and blend image processing software package, offering a unique set of features. Designed for flexibility, ease of use, and reliability, this real-time software is capable of processing any resolution. Warplite supports manual or automatic alignment, color calibration, blend zones and dynamic viewport.

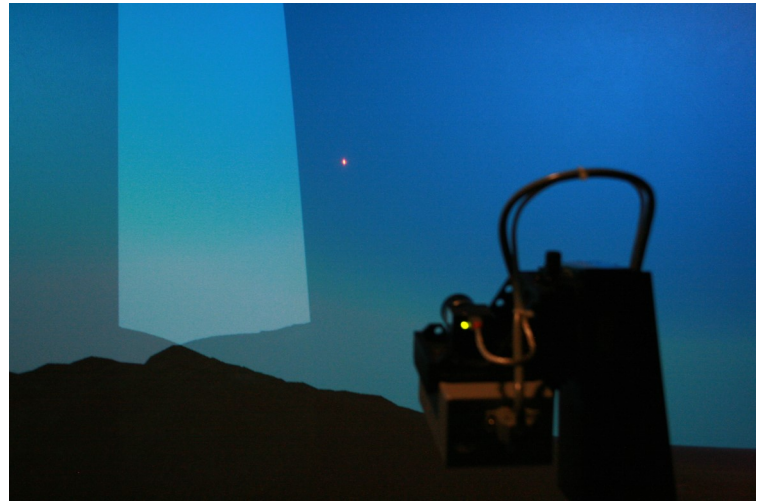
Warplite specs:

Supported Displays and Resolutions

- Unlimited number of IG channels
- Supports all current display resolutions
- Any refresh rate supported by the IG
- Multiple resolution support in the same system
- Seamless integration with RPA auto-alignment

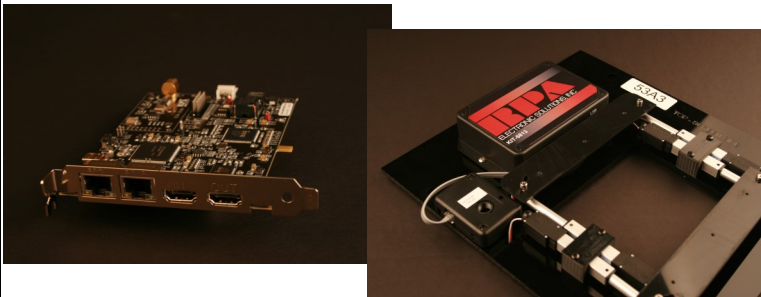
IG Requirements

- Nvidia video cards w/OpenGL 3.2 or later
- GPU RAM of 512MB min, 2024MB or greater recommended
- Linux (CentOS, RedHat, Ubuntu), Windows 10 / 11



Key Features

- Dynamic Viewport / Eyepoint Capability
- Fully integrates with RPA Starscan Auto-Alignment solutions and luminance / color calibration
- Combine an unlimited number of channels
- Supports Linux (unique in industry) & Windows
- Current support for OpenGL
- Draw method invoked after rendering
- Non-linear image warping
- Multi-sided edge blending
- Advanced image masking
- Non-linear color correction
- Advanced built-in test pattern generator
- Zero frame latency
- Supports frame rates up to 240Hz and beyond
- Supports dynamic time of day changes
 - Add RPA Optical Blinders for increased NVG & night screen performance
- Fully integrated with the following IG vendors
 - CATi X-IG
 - DVC Genesis
 - Aechelon
 - Presagis Vega Prime
 - GDIT VirtualShip
- Integration support available for other IG vendors



RPA products for complete engineered visual solutions

Optical Blinders

- Starscan - Auto alignment
- Gen3Lock 4K IG sync solution
- Visual System Management Suite (VSMS)
 - Starscan, Blinder and Projector software control

Screen design and build services

- Visual system CAD modeling services
- Projector cages, retrievable trolleys and truss mounting hardware
- Onsite engineering integration services
- Custom engineered 'black box' solutions for unique problems

Ordering Information

Call RPA for pricing based on your requirements

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