

30 second  
scanning  
with...

# TRIDENT 3.0

## Common Workflow

This *Common Workflow Interface* solution lets you determine the input device; direct from your Howtek scanner or any saved 8, 12, or 16 bit tiff, with cross platform support on Macintosh or Windows NT.

## Cut Prep Time by 50%

Streamlined workflow means preparation is nearly automatic. Auto-intelligence, grouped menus and reduced steps increases operator productivity.

## Reduce Repeat Scans

Save optimized scan settings including color, tone, gradation, and USM to reduce trial and error color correction. Get it right the first time!

## Push Button Color

Get repeatable results for different devices. Trident is now ColorSync Compatible and supports L\*A\*B color space.

## Protect from Crashes

Trident's 'Save Queue' feature protects against lost time and labor in the event of a network failure. Restore saved queue and complete scanning record in seconds!

**TRIDENT** software increases the productivity of your scanner by providing professional color reproductions at the push of a button.



Trident 3.0 makes even negative scanning easy with true push-button color.



Original

**Productive** New streamlined queuing tools improve batch scanning with reprioritizing, auto image detection and the ability to index multiple drums for future use and job management. Enhanced auto-intelligence features select specular and diffused highlight and shadow points and correct for color cast. This combination reduces the number of steps to complete a scan to produce the 30-second scan. **Flexible** TRIDENT 3.0 works in a 48 bit color space giving you 16 bits per channel and more color to paint your image with. New features to this version include L\*A\*B color space controls for device-independent and industry-standard color correction, and full ColorSync support and profiling for better large format printing. **Control** With its density based color engine and ability to set separate highlight and shadow points for each color channel, TRIDENT can handle any film type or cast in the image eliminating the need for film profiling and makes negative scanning easy as a click of a button. Unique Densitometer Probes let you graphically reset the tonal range points and get real-time feedback. TRIDENT has always offered industry leading Unsharp Masking and now enhances this with automated settings for ease. TRIDENT offers a solution for all your scanning needs! **Trident 3.0** comes in two versions: TRIDENT PHOTO EDITION for RGB scanning, color management and separation with ColorSync support and TRIDENT SEPARATOR EDITION for more advanced control within each of the CMYK color channels allowing users to calibrate, customize and automate this process for specific inks and presses.

MACINTOSH™

WINDOWS NT™

Howtek 

# TRIDENT 3.0

## PRODUCT SPECIFICATIONS

### For Howtek Scanners

TRIDENT 3.0 supports all models of Howtek Scanners; **flatbed and drum.**

### Quick Start Guide

Included **Free** with Trident to help get you started with your new scanner.

### Training by GIA

Master the craft of scanning with Trident at the **Graphic Intelligence Agency.**

### Macintosh System Requirements

- ◆ Power Macintosh 8100 or better with floating point co-processor installed
- ◆ System 7.5.3 or higher
- ◆ 24-bit color display adapter
- ◆ 17" or larger high resolution monitor (1024 x 768 dpi)
- ◆ 48 MB RAM; 32 MB for TRIDENT application

### Windows™ NT System Requirements

- ◆ Windows NT 4.0 or greater
- ◆ PC: 133 MHz Pentium or greater
- ◆ 24-bit color display adapter
- ◆ 17" or larger high resolution monitor (1024 x 768 dpi)
- ◆ 48 MB RAM; 32 MB for TRIDENT application

### File Formats

- Write TIFF
- Write EPS
- Write DCS
- Write Scitex CT
- Write 12/16 bit TIFF
- new** Write Embedded TIFF (ColorSync 2.0)

### Image Editing Features

- Monochrome Editing*
- Gray Scale Controls
- New** Luminance Based
- New** Black Channel Only **SE<sub>only</sub>**
- Select R, G, or B
- Green Channel Only
- Line Art Controls
- Manual Threshold Control
- Automatic Threshold Set-up
- Final Res. Preview
- Color Editing*
- New** Brightness Control **SE<sub>only</sub>**
- New** Contrast Control **SE<sub>only</sub>**
- New** Saturation Control **SE<sub>only</sub>**
- Tone Range Control
- New** Auto HL and SH
- Manual HL and SH
- User Definable CMYK **SE<sub>only</sub>**
- User Definable RGB
- Catchlight Control
- Histogram Control
- Cast Correction
- Auto
- Manual
- Tone Curve Control
- RGB
- CMYK **SE<sub>only</sub>**
- 5 & 9 Points of Control
- Control Point Readout
- All Colors Control
- Gamma Function Control
- Selective Color Control
- Color Management
- New** ColorSync 2.0
- Scanner Character. **SE<sub>only</sub>**
- Output Character.

### Press Controls

- SE<sub>only</sub>**
- Black Plate Control
- Black Start Point
- Max. Black Setting
- UCR/GCR Control
- Dot Gain Control
- By Color
- Total Ink Control
- Ink Balance Control

### Display Features

- New** ColorSync Simulation
- True CMYK Simulation **SE<sub>only</sub>**
- Ability to View All Color Edits
- Monitor Gamma Controls
- Monitor Color Balance Controls
- Selectable Preview Resolutions
- Preview at Final Resolution
- USM Simulation
- User Sizable Windows
- Densitometer Display Modes
- RGB
- CMYK **SE<sub>only</sub>**
- Density
- new** Multiple Readouts
- New** Readout Point Markers

### Productivity Tools

- New** File Open
- New** Save Batch Queue
- Dynamic Batch
- Modify Batch Settings
- Reorder Static Batch
- Reorder Dynamic Batch
- Modify Static Batch Values
- Modify Dynamic Batch Values
- Image Thumbnail in queue
- New** Auto Image Detection **SE<sub>only</sub>**

### Unsharp Masking Controls

- New** Novice USM Presets
- Basic Sharpen/Threshold Sliders
- RGB Channel Control
- Light/Dark Edge Control
- Regional Control
- Separate Soften /Sharpen Controls
- Edge Shape Control
- New** Median Filter

### Descreening

- Novice Presets for Screens
- Blur
- Screen Removal
- Screen Removal / Sharpen Edges

- ◆ **New** = Features added since version 2.0
- ◆ PE version included with SE version
- ◆ Photograph courtesy of Morocco Flowers



**Professional Marketing Services, Inc.**  
4802 East Ray Road, Suite #2328  
Phoenix, AZ 85044-6417  
P: 480-940-5400 F: 480-940-5488  
Email: pmsi@promarketinc.com  
Web Site: www.promarketinc.com