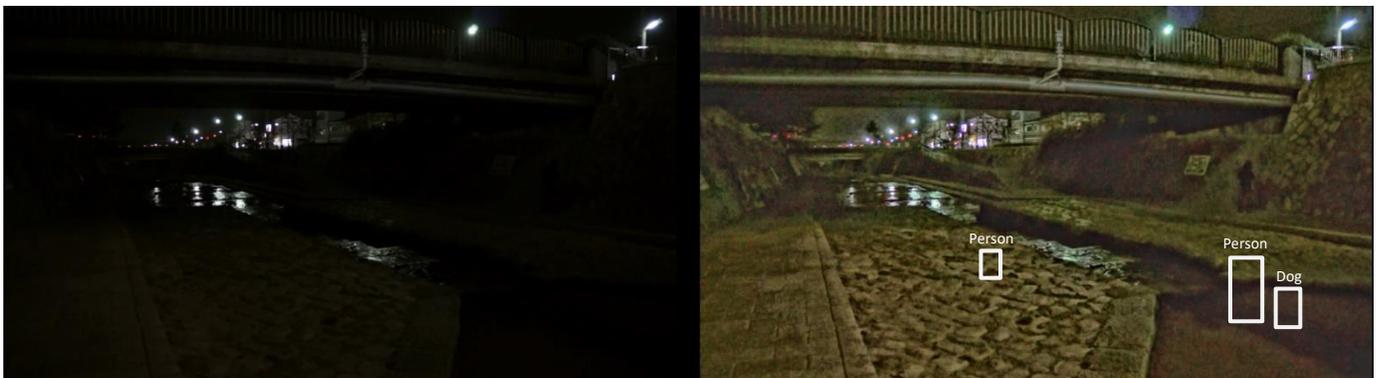


Automatic Computer Vision Document Restoration

Driven by powerful automated computer vision (CV) algorithms, ProHawk Vision dramatically enriches the quality of a scanned documents and records. ProHawk Vision fixes noisy, obscured, or unclear images into sharp, clear imagery with intricate details, critical for Optical Character Recognition (OCR). ProHawk Vision AI/CV algorithms reveal each pixel influenced by surrounding pixels, while traditional products manipulate the full image. This produces images that are intelligible and useable for humans, and Artificial Intelligence (AI).

ProHawk Vision fixes problems that obstruct capturing good, scanned images that stem from the initial scanning environment. When documents and records are subject to difficult scanning environments, problems fall into two categories: issues with light or lack of it; and issues with physical document placement.

Environment Problems Solved



ProHawk Vision resolves environment problems that cause poor documents and records with a variety of new features and enhancements, to support more platforms, formats, and conditions. While continuing to offer the world's first true CV enrichment solution with unprecedented imagery details. Some new features in 6.0 include:

Document and Record Sources

Sharp clear images no matter the source of your media, any media file type. We've got you covered whether you're scanning to PDF's, TIFF's, PNG's, JPG's, or any other image format.

Expose Fine Details

Clearly see fine details to identify letters and words. The powerful detail restoration algorithm exposes fine details to see details that are critical for OCR. Letters and words can all be easily identified and exposed.

Natural Color

ProHawk Vision's effective patented color adjustment algorithm restores natural color representations caused by difficult environments. This restores natural full color recognition in low contrast situations, while eliminating color oversaturation situations. See clearly in low contrast or high contrast lighting situations.

Boost Key Word Counts

When the number of key words to be OCR'd drive your businesses revenue, ProHawk Vision increases the number of words an OCR system will find. Supercharged by ProHawk Vision's patented CV algorithms that increase OCR word counts, raise confidence levels, and simply reveal what needs to be seen. ProHawk Vision fixes more than poor color optical scanner generated imagery; it significantly can increase your revenue stream as well.

Automatic, Preset and Custom Filters

An automatic, or a wider range of one-click preset filters let users quickly and confidently reach enriched imagery in an efficient method. There are over 50 presets to help users reach actionable results fast for a wide range of difficult image environments. Users can now create their own custom one-click preset filters based on their advanced filter settings. ProHawk improves poor low- or high-resolution imagery interpreted by people, OCR, VA, AI or CV.

Eliminate Effects of Motion

ProHawk Vision has a unique patented motion adaptation algorithm, which eliminates the adverse effects of motion and moving cameras. This controls the residual image effect artifacts caused by movement or motion that eliminates annoying ghosting and ringing imagery.

Size Matters

Document and record images can get quite large, many time generating images over 10,000 x 10,000 pixels. Typical systems fail and break when faced with processing large, massive document and record. ProHawk Vision can handle any size image your workflow requires.

Feature	Description	Benefit
Vast Sources	Any Media File Type	Sharp Clear Images from Required Files
Expose Fine Details	Patented CV Restoration Algorithm Reveals Intricate Details	Accurately Identify Letters and Words
Boost Key Word Counts	Increase the Number of Words for OCR	Increase OCR Word Counts Driving More Revenue
Preset and Custom Filters	One-click Presets and User Custom Filters	Instantly Clarifies Documents & Records to Enable Decisions and Conclusions
Eliminate Effects of Motion	Patented Motion Adaptation Algorithm Controls Residual Image Effect Artifacts	Substantially Increases OCR Removing Annoying Ghosting or Ringing Imagery
Natural Color	Patented Color Algorithm Eliminates Oversaturation and Improves Color in Low or High Contrast Video	Restores Natural Color Representations
Size Matters	Document & Record Image Sizes Can Get Very Large	Handle Any Size Document & Record, Including Engineering Drawings

Better Operations with Increased Revenues

- Integrate with Workflow
- Boost Key Words to Increase Revenue
- Enhance Visual Quality
- Better Accuracy of OCR, AI, or CV Systems
- Extend Life of Scanners Postponing Expenses
- Dramatically Increase Effectiveness of OCR Systems
- Visibility in Any Challenging Environment
- Increase Recognition for People, AI, or CV Systems



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System Requirements

Operating System
Windows 7, 8, 10 & 11

NVIDIA GPU
Maxwell, Kepler, Pascal,
Volta, Turing, Ampere