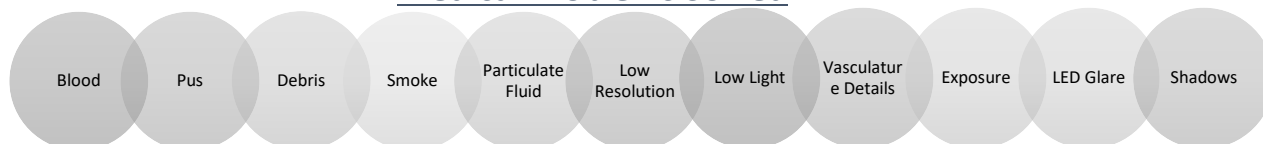


Automatic Computer Vision Restoration

ProHawk Vision computer vision restoration offers a myriad of benefits for medical imaging and devices, revolutionizing the way healthcare professionals diagnose and treat patients. By employing advanced algorithms and cutting-edge technology, ProHawk Vision enhances the quality and accuracy of medical images, enabling physicians to obtain clearer, more detailed visual information.

Medical Problems Solved



This improved clarity aids in the detection and diagnosis of various medical conditions, facilitating early intervention and more effective treatment planning. Moreover, ProHawk Vision ensures the restoration of degraded images, compensating for noise, blurriness, and other distortions that can arise from factors such as low resolution or poor lighting conditions. This capability enhances the reliability and interpretability of medical imaging, enabling healthcare providers to make more informed decisions.



Ultrasound Imaging Critical Details

The computer vision restoration algorithms of ProHawk Vision offer substantial benefits for medical ultrasound imagery. By leveraging powerful CV techniques, ProHawk Vision enhances the quality and clarity of ultrasound images, allowing medical professionals to visualize and interpret critical details with precision. The algorithms effectively address common challenges such as noise, artifacts, and low contrast, resulting in improved visibility and image quality. This enhancement empowers medical practitioners to make more accurate diagnoses, identify abnormalities, and monitor patient conditions effectively.

Improved X-ray Images

The benefits of ProHawk Vision computer vision restoration algorithms extend to medical X-ray images, providing significant advantages for healthcare professionals. Through advanced computer vision techniques, ProHawk Vision enhances the clarity and quality of X-ray images, improving visibility and enabling more accurate interpretation of diagnostic information. The algorithms effectively address challenges such as noise, low contrast, and artifacts, resulting in enhanced image details and improved diagnostic accuracy. With ProHawk Vision, medical practitioners can detect subtle abnormalities, analyze bone structures with greater precision, and make informed decisions regarding patient treatment plans.

MRI Clarity

ProHawk Vision computer vision restoration algorithms offer significant benefits for medical MRI (Magnetic Resonance Imaging) scans. These advanced algorithms excel in enhancing the quality and clarity of MRI images, resulting in improved visualization and interpretation by healthcare professionals. ProHawk Vision effectively addresses challenges commonly encountered in MRI images, such as noise, artifacts, and low contrast. By reducing these issues, the algorithms enhance the visibility of anatomical structures and pathological features, enabling more accurate diagnosis and treatment planning. With ProHawk Vision, medical practitioners can better analyze soft tissue structures, identify abnormalities, and gain deeper insights into complex medical conditions.

Precision CT Scans

ProHawk Vision computer vision restoration algorithms provide valuable benefits for medical CT (Computed Tomography) scans. These advanced algorithms excel in enhancing the quality and clarity of CT images, enabling healthcare professionals to extract crucial information with precision. ProHawk Vision effectively addresses common challenges in CT scans, including noise, artifacts, and low contrast. By reducing these issues, the algorithms enhance image details and improve the visibility of anatomical structures, allowing for more accurate diagnosis and treatment planning.

Clear Medical Device Viewing

ProHawk Vision computer vision restoration algorithms offer valuable benefits for live medical device video in real time. These advanced algorithms excel in enhancing the quality and clarity of live video captured by medical devices, providing healthcare professionals with a clear and detailed view of the surgical or procedural field. ProHawk Vision effectively addresses challenges such as noise, low lighting conditions, and motion artifacts, resulting in improved visibility and real-time image enhancement. By reducing these issues, the algorithms enable medical professionals to make more accurate observations, perform precise interventions, and ensure optimal patient outcomes.

Feature	Description	Benefit
Live Video Sources	Live Video Enrichment Directly from a Camera or VMS	Dramatically Clarifies Secure Live Video with No Video Lag or Frame Skipping
Expose Fine Details	Patented Detail Enhancement Algorithm Reveals Intricate Details, Even in Good Quality Video	Accurately Identify Lesions, Tumors, Abnormalities, Disease and Problems
Sensor Resolution	Eliminate Low Resolution Lack of Details	Increase Accuracy of Diagnostics
Automatic Filters	Automatic Computer Vision Filters	Instantly Clarifies Live Video to Enable Decisive Decisions and Conclusions
Eliminate Effects of Motion	Patented Motion Adaptation Algorithm Controls Residual Image Effect Artifacts	Remove Particulate Fluids Visibility Limits
Natural Color	Patented Color Algorithm Eliminates Oversaturation and Improves Color in Low or High Contrast Video	Restores Natural Color Representations
Optimized AI	Superior Artificial Intelligence Results	Earlier and More Detections at Higher Confidence Levels Without the Need to Retrain Existing AI Models

Better Operations with Cost Savings

- Earlier and More Detections with Higher Confidence
- Improve Visual Quality to Identify Problems
- Accurate Diagnosis and Treatment Decisions
- Identify Structural Abnormalities
- Contrast & Details Improves Diagnostics
- Highlight Important Features
- Exceptional Visibility in Any Challenging Imaging
- Increase Recognition for Operators, VA, AI, or CV Systems



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System Requirements
Operating System
Windows 7, 8, 10, or 11

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

ProHawk makes no warranties expressed or implied in this summary.