PixelShine®
Deep Learning Imaging Solutions

MAXIMIZE CT IMAGE QUALITY
MINIMIZE RADIATION DOSE

BENEFITS:

- Fully automated

- Incorporates enterprise data and access controls

- Standards based interoperability between modality, PACS and EMR

CHALLENGES:

- Acquire the best images every time, at the lowest possible dose

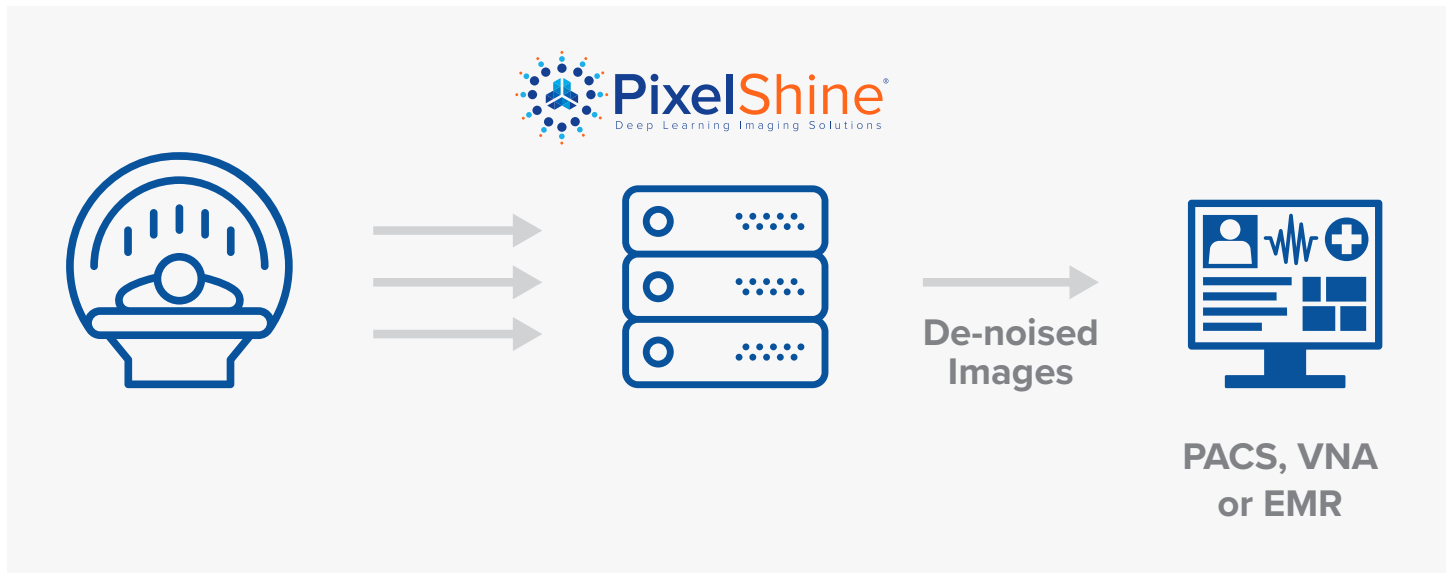- Standardize and simplify dose management and image quality

SOLUTION:

PixelShine® from AlgoMedica

PixelShine overcomes the limitations of standard image reconstruction techniques and integrates seamlessly into existing clinical workflow. It leverages machine learning to improve the quality of any exam, regardless of radiation dose.

And PixelShine is vendor agnostic, so we benefit any scanner; new, old or refurbished.

AlgoMedica

Low Dose Should Not Mean Low Quality!

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Deep Learning Imaging Solutions

De-noised Images

PACS, VNA or EMR

MINIMUM HARDWARE SPECIFICATIONS

- Processor: Intel Quad Core i7
- RAM: 16 GB
- Storage: 256GB SSD
- Network Adapter: Gigabit Ethernet
- Network Interface Controller: Intel I217, I218, I219
- One USB port

MINIMUM VIRTUAL MACHINE SPECIFICATIONS

- VMware ESXi/ESX 5.5
- vCenter 5.5
- VMWare Workstation 10.x
- VMWare Fusion 6.x

KEY FEATURES:

- Machine learning trained
- Fast and automated
- Quickly and remotely installed
- One instance supports three scanners
- No user interaction required

FDA CLEARED   CE

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