Redefining your Enterprise Imaging Strategy

The MARZ Enterprise Imaging Solution facilitates better patient care through a more complete and accessible patient record while at the same time reducing costs by increasing efficiencies and security.
MARZ VNA, a vendor neutral, object-based, and indexed storage solution, is architected to house both DICOM and non-DICOM photos, videos, other clinical multimedia). This archive is both a reliable short and long-term archive with lifecycle management and cost-efficient, off-site storage options which reduce hardware and accompanying costs. Storage is organized both on and off-site according to organizational needs and preferences in order to optimize access, workflow and create a complete disaster recovery solution. MARZ VNA allows large images to be pre-loaded according to a physician’s schedule, facilitating a quicker workflow as well as enhanced collaboration through the MARZ Universal Viewer. Additionally, Novarad Image Exchange allows physicians to easily identify that an image is available and simultaneously open the study, eliminating the need for repeat exams.

MARZ VNA aggregates all images outside of radiology into a complete patient record. This allows you to view images from endoscopy, wound care, surgery, and the cath lab side-by-side along with studies from radiology and cardiology. This gives physicians access to all of the patient information, providing them a more comprehensive understanding and thereby facilitating a more thorough diagnosis.

Increase Security and Limit Liability
Most hospitals, whether or not they realize it, have patient data in the form of multimedia stored on hard drives, thumb drives, and CDs throughout the hospital. Often, this multimedia is stored and maintained using non-HIPAA compliant methods leaving the data at risk of being lost or stolen. MARZ VNA brings all of these images into one secure, central archive that is easy to manage and audit. Appropriate disaster recovery methods ensure further HIPAA compliance.

Reduce Hardware Footprint
Data created by imaging is growing year over year, making image storage more difficult to scale and manage. The centralized MARZ archive utilizes an intelligent architecture to ensure that the correct information is available to the clinician at the right time through appropriate on-site and cloud-based storage allocation. This reduces the IT sprawl and makes every hospital department easier to manage.

Facilitate Interoperability
MARZ VNA provides a flexible architecture that empowers “best of breed” adoption of infrastructure and workflow implementation, getting the most from both current and future technology investments. The high accessibility of the complete patient record through the Universal Viewer enables image sharing not only between departments, but between facilities as well.

Benefits to your Facility

Provide Better Patient Care Through a More Complete Record
MARZ VNA aggregates all images outside of radiology into a complete patient record. This allows you to view images from endoscopy, wound care, surgery, and the cath lab side-by-side along with studies from radiology and cardiology. This gives physicians access to all of the patient information, providing them a more comprehensive understanding and thereby facilitating a more thorough diagnosis.

Increase Security and Limit Liability
Most hospitals, whether or not they realize it, have patient data in the form of multimedia stored on hard drives, thumb drives, and CDs throughout the hospital. Often, this multimedia is stored and maintained using non-HIPAA compliant methods leaving the data at risk of being lost or stolen. MARZ VNA brings all of these images into one secure, central archive that is easy to manage and audit. Appropriate disaster recovery methods ensure further HIPAA compliance.

Reduce Hardware Footprint
Data created by imaging is growing year over year, making image storage more difficult to scale and manage. The centralized MARZ archive utilizes an intelligent architecture to ensure that the correct information is available to the clinician at the right time through appropriate on-site and cloud-based storage allocation. This reduces the IT sprawl and makes every hospital department easier to manage.

Facilitate Interoperability
MARZ VNA provides a flexible architecture that empowers “best of breed” adoption of infrastructure and workflow implementation, getting the most from both current and future technology investments. The high accessibility of the complete patient record through the Universal Viewer enables image sharing not only between departments, but between facilities as well.

Decrease cost by Eliminating Manual Processes
Typically, generating and managing non-DICOM clinical multi-media, such as wound care documentation, surgery photos, or physically printed key images from GI scope procedures for example, require inefficient and manual processes. Further, once manually matched and scanned into the EMR, they are not centrally accessible, but scattered throughout the EMR where they are not effectively used. Eliminating these inefficient processes reallocates that productivity time and reduces the costs associated with opportunities for human error.

Migration
Utilizing a standards-based open-architecture design, MARZ VNA brings together data from disparate silos and stores the data in a non-proprietary format. This essential element lays the foundation to avoid the costs, workflow disruptions, and overall hassles of migrating data from vendor to vendor. MARZ is also IODS-compliant and can enable image sharing within a Health Information Exchange (HIE). After the migration of your existing archive, future studies are ingested directly into the VNA, preserving data in a truly vendor agnostic manner.

Provide Better Patient Care Through Better Access
Image-enabling your EMR with Novarad’s Enterprise Imaging Solution creates a single sign on environment which simplifies clinician access to a more complete patient record. Disparate viewers and alerts which require clinicians to deviate from their workflow are eliminated. Information is accessible both from inside and outside the facility, on the web-enabled device of clinician’s choice. This improved access means increased efficiency and less frustration for physicians, and a pathway to providing better patient care.
MARZ VNA, a vendor neutral, object-based, and indexed storage solution, is architected to house both DICOM and non-DICOM (photos, videos, other clinical multimedia). This archive is both a reliable short and long-term archive with lifecycle management and cost-efficient, off-site storage options which reduce hardware and accompanying costs. Storage is organized both on and off-site according to organizational needs and preferences in order to optimize access, workflow and create a complete disaster recovery solution. MARZ VNA allows large images to pre-loaded according to a physician’s schedule, facilitating a quicker workflow as well as enhanced collaboration through the MARZ Universal Viewer. Additionally, Novarad Image Exchange allows physicians to easily identify that an image is available and simultaneously open the study, eliminating the need for repeat exams.

MARZ VNA provides a flexible architecture that empowers “best of breed” adoption of infrastructure and workflow implementation, getting the most from both current and future technology investments. The high accessibility of the complete patient record through the Universal Viewer enables image sharing not only between departments, but between facilities as well.

Benefits to your Facility

Provide Better Patient Care Through a More Complete Record
MARZ VNA aggregates all images outside of radiology into a complete patient record. This allows you to view images from endoscopy, wound care, surgery, and the cath lab side-by-side along with studies from radiology and cardiology. This gives physicians access to all of the patient information, providing them a more comprehensive understanding and thereby facilitating a more thorough diagnosis.

Increase Security and Limit Liability
Most hospitals, whether or not they realize it, have patient data in the form of multimedia stored on hard drives, thumb drives, and CDs throughout the hospital. These can be found in almost every department in a hospital. Often, this multimedia is stored and maintained using non-HIPAA compliant methods leaving the data at risk of being lost or stolen. MARZ VNA brings all of these images into one secure, central archive that is easy to manage and audit. Appropriate disaster recovery methods ensure further HIPAA compliance.

Reduce Hardware Footprint
Data created by imaging is growing year over year, making image storage more difficult to scale and manage. The centralized MARZ archive utilizes an intelligent architecture to ensure that the correct information is available to the clinician at the right time through appropriate on-site and cloud-based storage allocation. This reduces the IT sprawl and makes every hospital department easier to manage.

Facilitate Interoperability
MARZ VNA provides a flexible architecture that empowers “best of breed” adoption of infrastructure and workflow implementation, getting the most from both current and future technology investments. The high accessibility of the complete patient record through the Universal Viewer enables image sharing not only between departments, but between facilities as well.

Provide Better Patient Care Through Better Access
Provide Better Patient Care Through a More Complete Record

Decrease cost by Eliminating Manual Processes
Typically, generating and managing non-DICOM clinical multi-media, such as wound care documentation, surgery photos, or physically printed key images from GI scope procedures for example, require inefficient and manual processes. Further, once manually matched and scanned into the EMR, they are not centrally accessible, but scattered throughout the EMR where they are not effectively used. Eliminating these inefficient processes reallocates that productivity time and reduces the costs associated with opportunities for human error.

Migration
Utilizing a standards-based open-architecture design, MARZ VNA brings together data from disparate silos and stores the data in a non-proprietary format. This essential element lays the foundation to avoid the costs, workflow disruptions, and overall hassles of migrating data from vendor to vendor. MARZ is also XDS-compliant and can enable image sharing within a Health Information Exchange (HIE). After the migration of your existing archive, future studies are ingested directly into the VNA, preserving data in a truly vendor agnostic manner.

Provide Better Patient Care Through Better Access
Image-enabling your EMR with Novarad’s Enterprise Imaging Solution creates a single sign on environment which simplifies clinician access to a more complete patient record. Disparate viewers and alerts which require clinicians to deviate from their workflow are eliminated. Information is accessible both from inside and outside the facility, on the web-enabled device of clinician’s choice. This improved access means increased efficiency and less frustration for physicians, and a pathway to providing better patient care.
ENTERPRISE IMAGING

The MARZ Enterprise Imaging Solution facilitates better patient care through a more complete and accessible patient record while at the same time reducing costs by increasing efficiencies and security.