VelocityGRID

VelocityGRID is a vendor-neutral platform that integrates image, structure, plan and dose data, regardless of origin, to create a unified patient dataset. It's the most economical way to achieve large-scale archival image storage and management and serves as a centralized repository for all diagnostic, planning and delivery information.

VelocityGRID creates an interactive, online patient library that brings together images and data from diagnostic imaging, hospital PACS, CTsims, and RT treatment plans - both external beam and brachytherapy - for a composite view of each patient's treatment that helps users create, adapt and evaluate treatment plans more efficiently.

Why VelocityGRID?

- Combines the industry's only true oncology PACS with leading-edge clinical tools, meeting the unique needs of Radiation Oncology
- Enables clinicians to make treatment decisions with greater confidence based on multiple imaging modalities, cumulative dose delivered, and a complete record of patient images and plans
- Advanced therapy response tools for longitudinal image analysis
- Access your data and images anytime, anywhere
- Background batch processing for improved clinical efficiency

Connecting Oncology
Multi-Modality Imaging Platform

the speed of intelligence
Advantages of VelocityGRID

Unified RT data and images
Share and view images stored in a convenient, centralized repository, regardless of source.

Not only does VelocityGRID allow users to share and view images stored in a convenient, centralized repository, it also allows clinicians to incorporate those datasets into treatment plans and assessments. Through a common network, all department clinicians can easily gain access to aggregated patient data for clinical assistance.

VelocityGRID includes VelocityAI, the most advanced RT planning tools available, which integrate images, treatment plans, and dose information from multiple sources and treatment courses, offering new insights into treatment planning and dose delivery.

Remote access and collaboration
Review and interact with patient data from any location at any time – even if the images are from a proprietary platform.

Velocity users can perform automated imaging tasks, contouring, and assessment on oncology data from anywhere on the GRID. User-initiated adjustments are captured in real time throughout every step of the planning and assessment process.

The use of a common, remotely accessible RT database makes it convenient for staff in multiple locations to collaborate on a patient’s treatment, and for staff to stay connected to their workflow tasks when support multiple physical locations. Because VelocityGRID enhances users’ ability to share and interact with patient data and collaborate on treatment plans, radiation oncology departments can improve communication both within the department and across the organization. In addition to connecting relevant images, plans, and data for RT clinicians, VelocityGRID connects radiation oncology departments to the hospital and to other clinical departments.

All patient data is secured when transmitted over the VelocityGRID network. Patient data is maintained safely on a central server at all times.

Vendor neutrality
Vendor and modality neutral, VelocityGRID seamlessly interfaces with DICOM-compatible equipment and software.

Users can view and modify an array of RT planning data from onsite and offsite locations; when physicists need to work on a plan, they don’t have to head to a central planning office to work at proprietary stations. When physicians need to contour structures or analyze outcomes, they can access images and data from their own offices. Notification and messaging capabilities even allow clinicians to review data on mobile devices.

VelocityGRID imaging data can be accessed from laptops, tablets, workstations and mobile devices, whether they’re running Windows or MacOS. When outside the clinic, clinicians can access the GRID over a VPN connection or Citrix.

Treatment planning system migration services
Switch treatment planning systems seamlessly with the help of VelocityGRID.

Using VelocityGRID as the centralized storage vehicle in your department enables seamless transition between different treatment planning system versions and vendors. You’ll never again have to worry about losing data from legacy systems; the data is stored on VelocityGRID. VelocityAI’s deformable dose accumulation tools combine plans between different systems for a cumulative look at dose delivered for improved decision making.

Velocity Medical Solutions

Velocity represents the next generation of intelligent radiation treatment tools. Velocity’s vendor-neutral platform gives clinicians a fully integrated record of ALL diagnostic, planning and delivery data, regardless of origin. This enables clinicians to make treatment decisions with greater confidence based on multiple imaging modalities, cumulative dose delivered, and a complete record of patient images and plans. Learn more at www.velocitymedical.com.