



10 Attributes of a True Clinical Video and Visible Light Workflow System

A CHECKLIST FOR PLANNING AND SELECTION
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10 Attributes of a True Clinical Video and Visible Light Documentation System

A checklist for planning and selecting

Use this checklist of essential attributes, qualifications and functionality when planning an implementation of a clinical video and visible light workflow system and selecting a partner. Shortcomings in any of these key elements could produce subpar results for your enterprise project:

1. **Imaging modality vendor agnostic** – look for a solution that can connect to any clinical video imaging source and digitize it into standard video formats.
2. **Utilizing existing infrastructure** - seek a product that does not require a complex solution involving the imaging modality vendor or changes to your network topology and capacity.
3. **Enhanced Clinical Workflow** - make sure the product you are evaluating includes built-in tools for multicast on demand and live collaboration, clinical reporting, workflow tools, post-procedure video editing and indexing capabilities and the ability to share and export images with any PACS, VNA and EMR
4. **Mobility in capture and Ubiquity in workflow** – validate that the solution will enable mobile capture of clinical video and images and secure handling of protected health information while ensuring accuracy and safety by properly associating it to the patient’s medical record. Ensure full mobile workflow with secure access on demand to the clinical videos and images for speedy
5. **Interoperability with VNA and universal viewers** – look for a product that is bi-directionally interoperable with VNA providing DICOM and other standard based interfaces to ensure patient data integrity and automatic workflow. Ensure the product provides secure web-enabled links to videos and images.
6. **Integration with EMR & Enterprise Workflow Tools** – confirm the ability to seamlessly integrate with EMR and the enterprise worklist and smart workflow tools. Ensure the ability to embed images in the EMR and access to structured clinical reporting tools. Confirm the product provides a simple to implement web based API’s to access all the data while maintaining a smooth user experience.
7. **Clinical Information Lifecycle Management (ILM)** – your chosen platform must facilitate data movement, retention and smart storage utilization. Make sure the solution will provide a flexible ILM strategy for each organizational group (facility, department) and look for automated and user defined rules for data purges.

Insert company details, contact information, etc.

- 8. PACS Aggregation and Clinical Data Exchange Repository** – the clinical video system should be able to aggregate results from multiple disparate PACS and Clinical Data Exchange repositories using industry standards
- 9. Open, Standard Based and Flexible Architecture** – ensure the system is server and storage hardware agnostic and has the ability to be mirrored accordingly. The platform should allow for automatic failover and support your disaster recovery strategy by fully virtualizing its infrastructure and plug in to the hospital's domain and security requirements.
- 10. Support transition to Value Base Care** – confirm the solution's fit to the value based care model with an affordable model eliminating the need to replace existing imaging hardware and offering tangible return on investment of existing infrastructure. The product's deployment, ease of use and supportability must bring value to clinicians by eliminating manual and time consuming workflow and helping them focus more time on the patient's care. Look for business intelligence tools that provide performance and clinical analytics to improve departmental and enterprise performance.