

Virtual Worklist (VW)

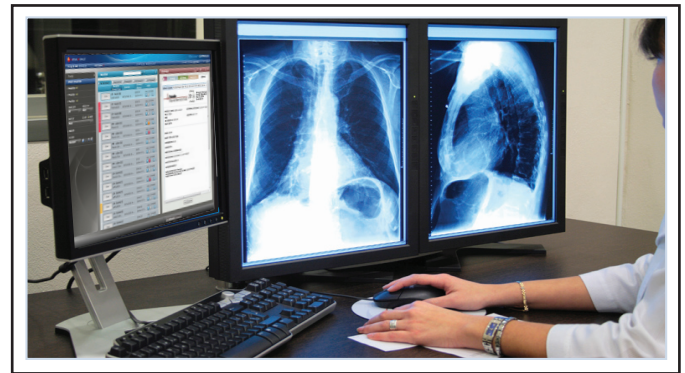
Complex Workflow - Simplified

MEDxConnect's Virtual Worklist™ (VW) connects existing information systems and databases, creating a true interoperability environment and provides radiologists with a single, integrated worklist. Relevant patient information including current studies, historical studies and reports, notes, and scanned documents from disparate HIS, RIS, and PACS systems is easily accessible in real-time, regardless of multi-site, multi-system, multi-enterprise, and multi-vendor environments common in such settings. Instead of wasting time searching for studies, the user can focus on reading and be confident that all relevant information is present.

MEDxConnect can convert complex workflow into a simple, automated process. Users can login from any location to gain instant access to all unread studies in their area of specialty or select from a general worklist to reserve studies available throughout the enterprise. Studies can be allocated between radiologists based on user-defined rules (e.g., body part, modality, exam status or time). Integration of existing PACS viewers minimizes the transition and politics of introducing new unapproved technologies. The system provides the radiologist a view of orders that are sorted by priority, modality and other significant search criteria for customized workflow and efficiency gains. This worklist includes all pertinent patient and order information required to make a complete diagnosis: electronic notes and scanned documents, as well as relevant prior studies and reports for comparison. Additionally, access to all patient images is available in real time to provide the radiologist an inclusive view of the patients imaging information.

MEDxConnect VW Provides the Radiologist

- **Single Worklist:** Efficient web-based access to patient data in one consistent format across multiple facilities
- **Automated Routing:** Configurable routing rules to best suit your specific pre-fetch and routing needs for single or multiple destinations
- **Viewer of Choice:** Select the best of breed viewer; no longer compromise on your viewer choice for the sake of interoperability
- **Real-time Status:** Real-time status of current studies and the ability to create notes for information exchange to communicate critical study information
- **Subspecialization Focus:** Delivers information to appropriate physician, in real time – regardless of location, which allows full leveraging of physician subspecialty and expertise
- **General worklist:** Global display of all unread studies and reservation ability with automated routing of relevant study information
- **SDA:** Distribution algorithm for allocation of unread exams based on facility load, or turn around requirements



Single Worklist

MEDxConnect VW Provides the Admin User

- **Multiple RIS & PACS:** Optimize existing systems by seamlessly connecting all sources that store, and display imaging studies and associated patient information
- **Integrated Workflow:** Administrative control of workflow between systems in a multi-site, multi-enterprise, multi-vendor environment
- **Monitoring:** Proactive monitoring of workflow, with alarm and notification capabilities configured for specific IT data ranges
- **Order management:** The ability to reassign orders to specific radiologists
- **Customized study treatment:** Option to send studies to another DICOM device or delete studies from the worklist