

**IMPAX 6: Strengthen Security and Privacy**

- Armored servers support the security and privacy of medical data as well as protect the datacenter and the customer's network from unauthorized use. They also increase stability and uptime of the PACS systems
- Secure transmission of data across HTTPS
- Windows integrated authentication tied into the enterprise LDAP
- Audit capabilities based on the standards used within the IHE Basic Security profile

**IMPAX 6: Ease of System Management**

- Auto-update clients from a central location
- Centrally manage the reporting workflow through managed worklists and role-based access
- STAT study management supports prioritization of critical cases
- Long term Report Storage capabilities within the PACS/RIS database
- Store and Remember PACS Archiving
- Extended language support for Europe and Asia
- High Availability servers, spinning disc storage

**IMPAX 6: Connecting Your Enterprise**

- Expand image and information management beyond radiology
- Communicate enterprise-wide through "at-a-glance" features
- Centrally manage users and systems
- Scriptable clients enable integration of external applications with the need for extensive development work
- Web-deployable to virtually any client

## Key features

- Role-based access based on IT standards (NIST)
- Prior report handling
- User interface optimized for reporting room environment
- Scheduled worklists for rounds/demonstrations
- Key image creation/display
- Scanned documents available on Text Area (with Agfa HealthCare RIS integration)
- IHE support
- Multiple monitor display capabilities regardless of user
- Multi-modality display capabilities
- User management hierarchy matches the existing organization structure
- Minimized user management activities through more streamlined, logical functions
- Extended language support for Europe and Asia
- Boolean search functionality

**Why Agfa HealthCare?**

## Flexible Licensing

- Agfa HealthCare employs commercial licensing models that empower healthcare facilities to choose the licensing that best meets their image and finance needs. Choose from concurrent, volume-based license options or a combination of both models.

## Integration Expert

- As the only vendor to own the underlying technology for its RIS, PACS and Speech Recognition, Computed Radiography and medical imagers, Agfa HealthCare offers a single integrated workflow to maximize productivity and ensure system interoperability.

## Proven Solution

- Incorporating 15 years of PACS software development, IMPAX 6 provides users with the rich tools, full diagnostic viewing capabilities and easy access to information from multiple sources they have come to expect from Agfa HealthCare

## 24 x 7 Service

- Agfa HealthCare has an efficient service network able to provide 24 x 7 remote service and monitoring.

## One Vendor

- Take advantage of economies of scale by choosing Agfa HealthCare for contracting, service and upgrades and gain a single source of responsibility for installation, service and support.

## Stability and Reliability

- Agfa HealthCare has more than 100 years invested in healthcare imaging. Our aggressive acquisition strategy in the HealthCare Information space further solidifies our ability to be your strategic partners, both now and in the future.

Agfa and the Agfa rhombus are trademarks of Agfa-Gevaert N.V., Belgium, or its affiliates. IMPAX is a trademark of Agfa HealthCare NV, Belgium, or its affiliates. All other trademarks are held by their respective owners and are used in an editorial fashion with no intention of infringement. The data in this publication are for illustration purposes only and do not necessarily represent standards or specifications, which must be met by Agfa HealthCare. All information contained herein is intended for guidance purposes only, and characteristics of the products and services described in this publication can be changed at any time without notice. Products and services may not be available for your local area. Please contact your local sales representative for availability information. Agfa HealthCare diligently strives to provide as accurate information as possible, but shall not be responsible for any typographical error.

Agfa HealthCare Corporation – HealthCare Headquarters – 10 South Academy Street, Greenville, SC 29601  
 Canada – Agfa HealthCare Inc. – 77 Belfield Road, Etobicoke, Ont., M9W 1G6  
 Mexico – Agfa de México, S.A. de C.V. – Benjamin Franklin # 98, Colonia Escandon, C.P. 11800, México, D. F.

© 2007 Agfa HealthCare NV

All rights reserved

Published by Agfa HealthCare NV

B-2640 Mortsels - Belgium

NGHUK US 00200709

THE NEXT GENERATION OF  
IMAGE AND DATA MANAGEMENT

## IMPAX 6

**A comprehensive solution for managing patient data, this web-deployable image and information management solution streamlines workflow and delivers increased efficiency and productivity to your hospital institution.**

IMPAX 6 is a robust application for imaging-based planning, interpretation and results distribution. Integrated with IMPAX RIS and Reporting solutions, IMPAX 6 enables healthcare facilities to optimize clinical and IT efficiencies using a single workflow-based system to service consumers within, and external to, the walls of a facility, providing consolidated management of patient image and information data.

IMPAX 6 works the way you work enabling easy adaptation of your digital environment to your needs, making you more productive and comfortable. Based on industry-leading design principles, PACS administrators, radiologists, clinicians and referring physicians will quickly learn to harness the power of Agfa HealthCare IMPAX to improve healthcare delivery.

## Web-deployable for remote access

To accommodate the needs of radiologists and other healthcare providers, and maximize their productivity, users can download the software and leverage IMPAX functionality from virtually any location, local or remote. For remote users, easy installation and a secure connection via HTTPS provides reliable and secure access to patient information.

THE NEXT GENERATION OF  
IMAGE AND DATA MANAGEMENT

- IMPAX 6 is a web-deployable **application** for imaging-based planning, interpretation and results distribution
- IMPAX 6 is a powerful application that adapts to your working environment, your role and your location. It provides a consistent workflow, integrating PACS, RIS and Reporting into a single seamless application
- IMPAX 6 is a 'Smart Client' **application** that marries the power and functionality of a thick client with the simplicity and manageability of a thin client . . . it's SMART
- IMPAX 6 is an intuitive workflow **application** so users can work where and how they want



With easy installation and a secure connection via HTTPS, remote users gain reliable, secure access to their patient's information.



Flexible architecture separates client from server providing the foundation for the IMPAX client to be able to access multiple data sources with a single query.



Minimize the learning curve with an adaptive solution that fits the user's familiar workflow.

#### Streamlined workflow

Designed to intuitively meet the needs of the various users, IMPAX 6 will help them accomplish their goals without the need for extensive customization to their workflow. The product's features, data presentation and workflow automatically adapt to meet any specific needs in the enterprise. Users work the way they want to work, with the information and tools they need to be productive, increasing user acceptance.

#### Single action data access

IMPAX 6 efficiently uses network bandwidth with the use of Web services to communicate between the client and the core. IMPAX 6 utilizes a 3-tier architecture consisting of a data layer (IMPAX core), business logic layer (application server) and presentation layer (IMPAX client). This 3-tier architecture provides the foundation for the IMPAX client to be able to access multiple data sources with a single query.

Since the goals and needs of the various users, or personas, have been taken into consideration throughout the design process, IMPAX 6 feels intuitive and helps users accomplish their goals.

#### One single view

Through a digital connection to modalities, departmental systems and hospital information systems, users within the healthcare enterprise can gain an integrated view of patient data. This easy-to-manage, clinically-relevant review, reporting and results distribution system empowers users to act, plan, analyze, visualize and explore clinical data – not just read it, resulting in improved organizational efficiency and communication.

#### The right information, the right way

Featuring bandwidth adaptive technology, IMPAX 6 will send only the pixel data required for the resolution of the monitor that the image is being displayed on. For those who choose to view the image magnified or at full resolution, full pixel data will be sent. Wavelet compression can also be applied at the modality level to reduce the effect of low-bandwidth environments.

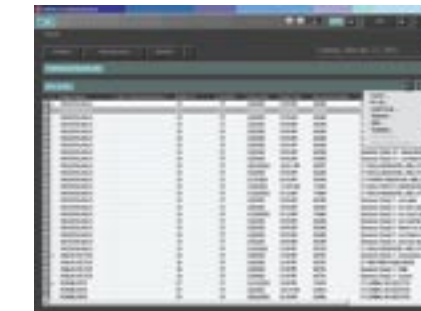
Through a digital connection to modalities, departmental systems and hospital information systems, users within the healthcare enterprise can gain a consolidated view of patient data.



Integrated Text Area provides reports, technologist comments and patient information in a consolidated fashion.



Key image display provides clinicians with a quick glance at relevant images in conjunction with the report.



Flexible, anywhere access to Quality Control tools facilitates easy correction to patient information.



Scheduled worklists fits into the workflow of grand rounds and eases clinical review of cases.

#### Why IMPAX 6?

##### IMPAX 6: Workflow Enabler

- Workflow capabilities that adapt to a user's role, location and actions making it easier to use anywhere, anytime
- Site/User defined Display Wizards and Hanging Protocols provide automated presentation states
- Powerful organizational tools such as Teaching Files, Study Scheduler and Keywords, assist the user to organize and manage their work
- Improved worklist management via auto-polling and worklist cycling
- Provides a longitudinal view of patient images and associated Radiology reports in multi-site environments
- CD Burning with a Viewer for image/report distribution
- R2 CAD marker display
- Prior report workflow designed to optimize usability
- History of recently reported studies enables quick return to previously viewed studies

##### IMPAX 6: Integration Platform

- Bi-directional RIS/PACS integration for complete information flow
- Tight reporting/Speech recognition integration generates faster report turnaround, better workflow and ease of use
- EHR, EMR, CPOE and Web Portal Integration for clinician access to relevant information
- Voxar 3D™ integration
- Advanced clinical applications such as: IMPAX Virtual Colonoscopy, and IMPAX Registration and Fusion