



Data sheet

# IBM Watson Imaging Patient Synopsis

Informing radiologists with deep patient insights  
Embedded into Enterprise Imaging Radiology  
Desktop and XERO Universal Viewer

IBM **Watson Health**

Reading imaging studies requires a physician's undivided attention to identify the clues that will form the basis of a diagnosis. Patient context from the EHR is tremendously helpful to guide the radiologist's clinical decisions. Yet EHRs are cumbersome and full of hard-to-search data in the form of clinical notes. In addition, radiologists may be provided with vague or incomplete "reason for exam" information as a starting point. With high workloads and only a few minutes to interpret each study, reading physicians do not have time to scroll through pages of unstructured EHR data in order to acquire a broader clinical context.

## How will the IBM Watson Health Patient Synopsis and AGFA HealthCare Enterprise Imaging solution help

### Agfa HealthCare Enterprise Imaging platform

AGFA HealthCare Enterprise Imaging Radiology solution has been built on a future proof platform that includes a care pathway focused workflow engine at its core.

The workflow engine is based on rules automation that allows automation and optimization of certain tasks based on the output from AI applications. By embedding IBM Watson Imaging Patient Synopsis into Radiology Desktop and XERO Universal Viewer, clinical users will have relevant information within their departmental workflow, or on the go with a zero-footprint viewer if they are mobile.

### IBM Watson Imaging Patient Synopsis

IBM Watson Imaging Patient Synopsis is a radiologist-trained AI solution that extracts relevant patient information from the EHR and compiles it into a single-view summary in the PACS ... in seconds.

With more than 12 years of expertise in AI, IBM offers a pioneering vendor neutral solution that can understand the clinical meaning of both structured and unstructured EHR data, such as clinical reports and referring notes, giving insightful patient context to reading physicians through their own PACS. Patient Synopsis equips providers with deeper insights from EHR data and seamlessly integrates with the radiologists' workflow, all in a cost effective SaaS solution.

### From Enterprise Imaging to Augmented Intelligence

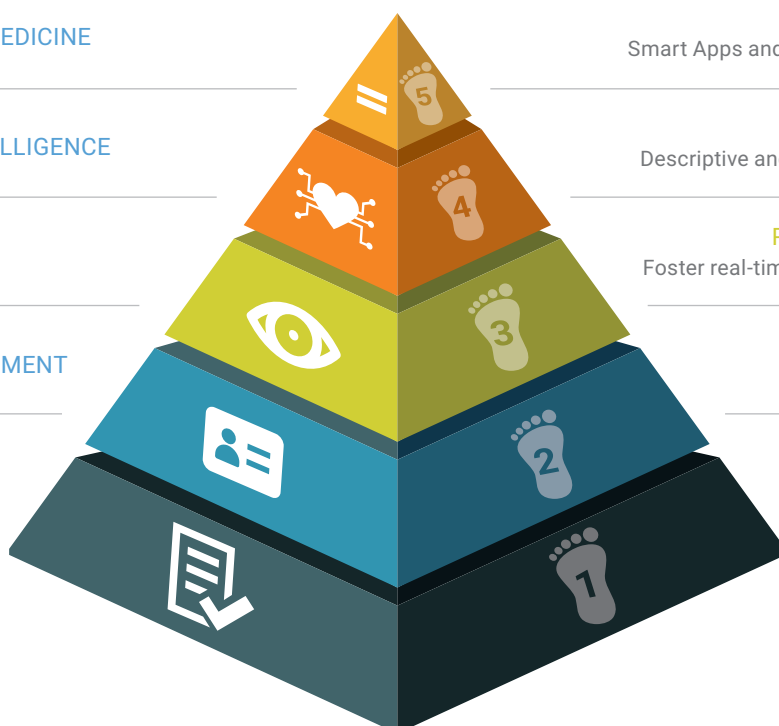
PERSONALIZED MEDICINE

DIAGNOSTIC INTELLIGENCE

VISUAL HEALTH

CLINICAL ENABLEMENT

CONSOLIDATION



SMART APPLICATIONS

Smart Apps and workflows powered by AI & ML

AI & MACHINE LEARNING

Descriptive and Predictive analytics in context

REALTIME COLLABORATION

Foster real-time collaborative care ecosystem

WORKFLOW OPTIMIZATION

Task-based workflow rules

IMAGING HEALTH RECORD

Images and Reports in context

## With Patient Synopsis you can:

### Understand the deeper clinical context

Benefit from AI technology that can extract clinical information from content in clinical reports and referring notes that conventional IT systems can't decipher.

### Access highly relevant data

Find out the true "reason for exam" behind the imaging order by having quick reference to the referring physician's notes and the patient's past episodes of care.

### Gain information without disruption

Automatically load the patient summary in context when opening a study from the Enterprise Imaging PACS worklist.

### Leverage an IT-friendly solution

Avoid the need for data scientists or extra IT staff by implementing a vendor-neutral solution with support from the IBM Watson Health cloud to manage data load and result delivery automatically.



### About Watson Health Imaging

Watson Health Imaging, a segment of IBM Watson Health, is a leading provider of innovative artificial intelligence, enterprise imaging and interoperability solutions that seek to advance healthcare.

Its Merge branded enterprise imaging solutions facilitate the management, sharing and storage of billions of patient medical images.

With solutions that have been used by providers for more than 25 years, Watson Health Imaging is helping to reduce costs, improve efficiencies and enhance the quality of healthcare worldwide.

### About Agfa HealthCare

Agfa HealthCare: leading health IT with global footprint

A pioneer in health IT since the 1990s, Agfa HealthCare supports care providers and assists their health professionals across departments, sites and networks to deliver quality care and make intelligent decisions for their communities and populations.

Agfa HealthCare has built on continuous innovation and investment to become a global Enterprise Imaging market leader, with over 3000 installs. Agfa HealthCare, headquartered in Mortsel, Belgium, is a leading health IT company with a truly global footprint.



Contact your Agfa HealthCare representative for more info

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