



PHILIPS

AI Manager

Efficiently leverage AI in
your daily clinical routine

Philips AI Manager

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“Implementation of Artificial Intelligence (AI) in healthcare will be a true revolution. Philips AI solutions, such as the Philips AI Manager, will help implementing AI and improving hospital operations and patient care”

M.A. van Buchem - Chairman, Department of Radiology - Leiden University Medical Center (LUMC)



AI can enhance the analysis of your medical data to generate **meaningful – and actionable – insights**, which can result in enhanced patient care.

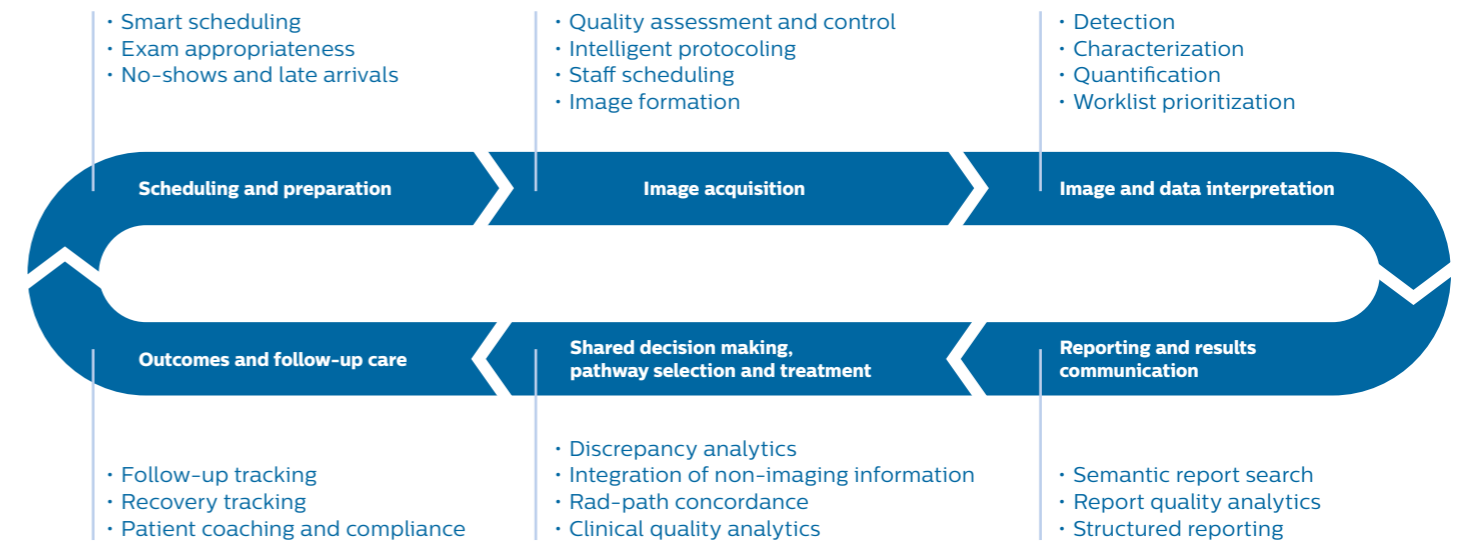


Fig 1. Artificial Intelligence signifies a strategic opportunity to address daily challenges across the healthcare continuum

Empower your radiology department with artificial intelligence (AI).

Rapidly advancing medical technologies are generating more medical data than ever before. Clinicians are challenged every day to take full advantage of the vast amount of data generated across the hospital departments. Artificial intelligence (AI) apps can automatically analyse medical data and extract relevant information to generate **meaningful – and actionable – insights** that help enable precise and personalized patient care.

We provide AI that is fully integrated into your radiology workflow and daily clinical routines – supporting you at every stage of the health continuum, which can result in enhanced workflows, reduced reading times and support diagnostic decisions. This is in-line with Philips quadruple aim to improve the staff and patient experience and to achieve better health outcomes at lower cost of care. With this in mind, we have developed AI Manager, which fully automatically orchestrates data flows and executes clinical applications for effortless creation of AI results.

AI Manager integrates with your existing IT infrastructure and PACS solution. It acts as your single integration point to host and execute a rich portfolio of clinical AI applications available through HealthSuite Marketplace. AI Manager automatically runs all clinical applications applicable to your patient study empowering your radiologists to perform more comprehensive assessment and gain deeper clinical insights for patient reporting. It streamlines the implementation of multiple AI applications into your clinical workflows to support you throughout the complete radiology workflow, ranging from patient list prioritization, image interpretation to assist with diagnosis and automated reporting.

Streamline your AI adoption with Philips all-in-one AI platform.

Deeper clinical insights:

- Effortless generation of all relevant AI results
- Opportunistic screening to detect incidental findings
- Enhanced detection and faster diagnostic reading¹
- Precision diagnostics by objective quantification
- Single access point for all AI generated reports

One single AI platform:

- Upgrade existing IT landscape with AI capabilities
- One-time integration effort for all your AI applications
- One advanced vendor agnostic, multi-modality platform
- Harmonized AI result representation
- Fully scalable, certified cloud solution

One single partner for:

- AI procurement, billing, and accounting
- Single data processing agreement for all multivendor AI applications
- AI enablement and clinical application deployment
- Maintenance/Updates and Customer support
- AI Manager user training

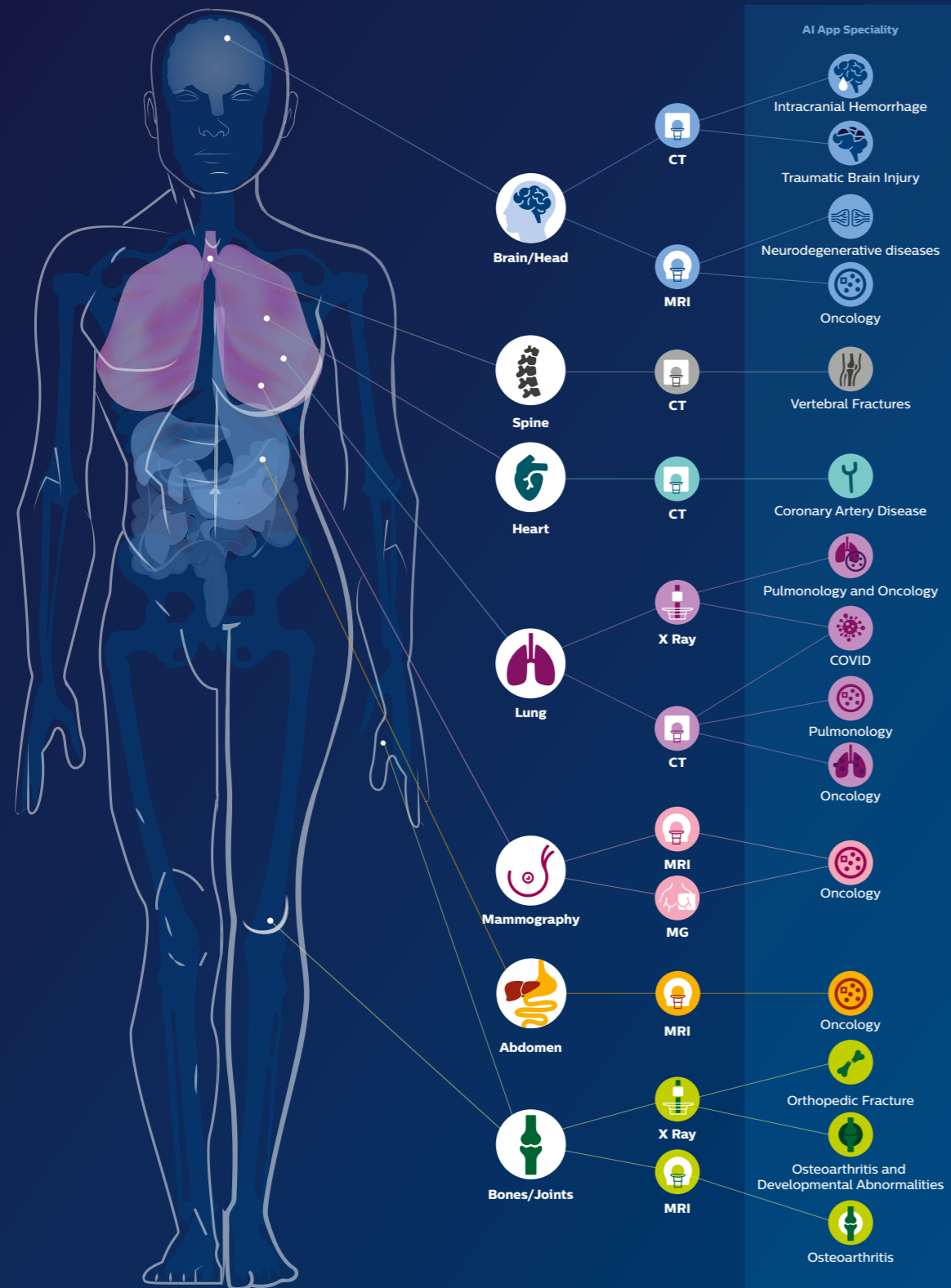
AI Manager serves as your single integration point for all existing and upcoming AI applications offered in Philips HealthSuite Marketplace which establishes an ecosystem of AI applications from multiple vendors.

¹ Computer-Aided Detection of Lung Nodules on CT With a Computerized Pulmonary Vessel Suppressed Function, ShihChung B. Lo, Matthew T. Freedman, Laura B. Gillis, Charles S. White, and Seong K. Mun, American Journal of Roentgenology 2018 210:3, 480-488

² Freedman M, Lo B, Seibel J, and Bromley E. Improved detection of lung nodules with novel software that suppresses the rib and clavicle shadows on chest radiographs. Radiology. July 2011. 260, 265-273

Philips AI Manager

Fully scalable solution to host and execute multiple AI applications on a single study to support you with more comprehensive assessment and deeper clinical insights.



Spearhead the change.

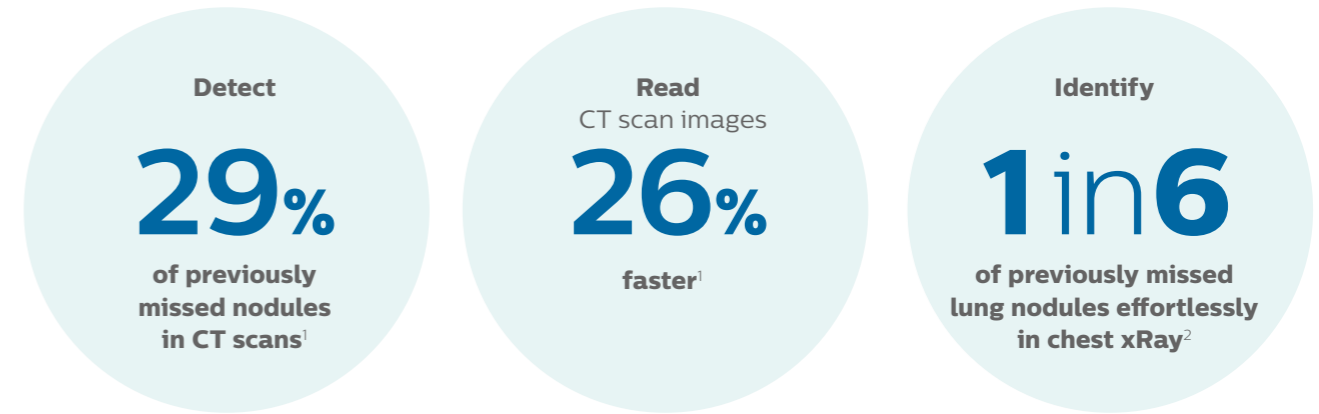
Easy adoption of AI into your clinical workflows.



Leverage AI in your daily clinical routine

Utilize the benefits of AI to enhance your clinical decision making and reporting

1. Intelligent alerts in critical situations eg. trauma, stroke, etc
2. Opportunistic screening to detect incidental findings
3. Enhanced detection and faster diagnostic reading
4. Precision diagnostics by objective quantification
5. Support automated AI based structured reporting



Seamless integration

Tailored to enhance your clinical workflows; no disruptions to clinical processes or diagnostic reading

1. Automated routing of data and results between systems
Tailored into your clinical workflows
2. Fully automatic execution of relevant AI applications
Effortless generation of all relevant AI results
3. Interoperability utilizing standard protocols: DICOM, DICOM GSPPS, DICOM SR
Our Solution integrates into your existing environment: PACS, modalities, etc
4. Multi-modal and vendor agnostic
Array of AI Apps for all your modalities available through HealthSuite Marketplace
5. Fully scalable cloud solution
Elastic HealthSuite cloud solution that easily scales with your demand
6. Fully digital transactions
Procurement, deployment, billing, and accounting of third party AI applications through HealthSuite Marketplace



Our commitment to responsible use of data and AI

As a leading health technology company with a vision to improve the lives of 2.5 billion people a year by 2030, we are committed to harnessing the transformative power of AI within our healthcare solutions.

Our Data Principles

At Philips, we are committed to responsible use of data in general and responsible use of AI in particular. That is why we developed the Philips Data Principles and the Philips AI Principles.

Security

We ensure the security of all data entrusted to us. We operate under global security policies that guide our activities to protect against vulnerabilities and manage any incidents.

Privacy

We handle all personal data with integrity in compliance with all applicable privacy regulations of the countries in which we operate. We adhere to the Philips Code of Conduct – our binding corporate rules – that governs data transfers and processing within our company. When our business partners process personal data on our behalf, we ensure that they comply with our security and privacy requirements.

Beneficial

We aim to create innovative solutions that benefit our customers, patients, and society as a whole. We use your personal data in line with your reasonable expectations.

Elevate your HIMSS – DIAM maturity status with us

The Digital Imaging Adoption Model for Enterprise Imaging (DIAM-EI) is a HIMSS methodology designed to support healthcare facilities with the initial status analysis, strategic planning, and implementation of a digital transformation roadmap.

By following the stage approach of DIAM digital transformation strategy process, you move toward the highest patient safety and work efficiency standards.

A fully AI enhanced imaging environment gives you the opportunity to drive significant improvements to quality of care, patient safety, care delivery and enhanced productivity.

Philips helps organizations to take measurable, sustainable steps toward AI driven precision diagnosis. Implementing Philips AI Manager helps to elevate hospitals at DIAM Stage 4 (those with fully integrated and digitized image management) to attain Stages 5-7.

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Start your AI journey today
www.philips.com/spearhead-the-change

Reserve your demo today
www.philips.com/ai-solution-demo

For more information, speak to your local Philips Radiology Informatics or Enterprise Diagnostics Informatics representative or email

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