

A man in a light blue shirt, red patterned tie, and glasses is looking intently at someone off-camera. The background is blurred, showing what appears to be a meeting or office setting. The overall tone is professional and focused.

**PHILIPS**

PerformanceBridge

Application Suite

Unify data, unlock  
actionable information  
and **enable continuous  
improvement**

PerformanceBridge Application Suite

# The evolving healthcare landscape has created challenges in imaging

Healthcare is continually evolving, demanding clinicians to deliver quality care while containing costs. The foundation of better patient outcomes is quick, definitive diagnoses achieved through imaging. Yet the current landscape presents a number of challenges.

## Top trends impacting imaging

**Continued volume growth** – The demand for imaging is anticipated to grow 7% over the next 5 years.<sup>1</sup>

**Increased burn out** – Radiologists are among the top 7 most burned out physicians. 49% of radiologists feel burned out.<sup>2</sup>

**More data per clinical decisions** – From 1990 to 2020, there's been a more than 100-fold increase in the number of facts per clinical decision.<sup>3</sup>

**Demand for operational optimization** – Hospitals are shifting their optimization focus from capital (about 12%) to operational expenses (about 88%).<sup>4</sup>

**A shift toward value-based reimbursement** – There's been a significant increase in regulatory burdens driven by compliance metrics and at-risk reimbursements.

**Demand for clinical and cost optimization** – Unnecessary, sub-optimal and repeat imaging cost up to \$12 billion a year.<sup>5</sup>



# A real-time data platform to help you improve productivity and reduce costs

Philips PerformanceBridge offers an integrated, scalable portfolio of services, tools and support which empowers hospital departments to improve their performance and build a program for continuous improvement.

We emphasize the journey of continuous improvement because challenges are not isolated events. They are interrelated and new challenges will continue to emerge. Philips is uniquely positioned to help you take a systemic view across your radiology practice and more broadly across the healthcare continuum to tackle these challenges

**Philips PerformanceBridge Application Suite** is built to enable you to focus on improving operational efficiency and reducing costs, while maintaining an emphasis on quality, performance and value. It's a web-based, real-time data platform that aggregates data from multiple sources, like your RIS, PACS, and financial systems, and integrates with your image viewer to launch with context.

## Key Advantages

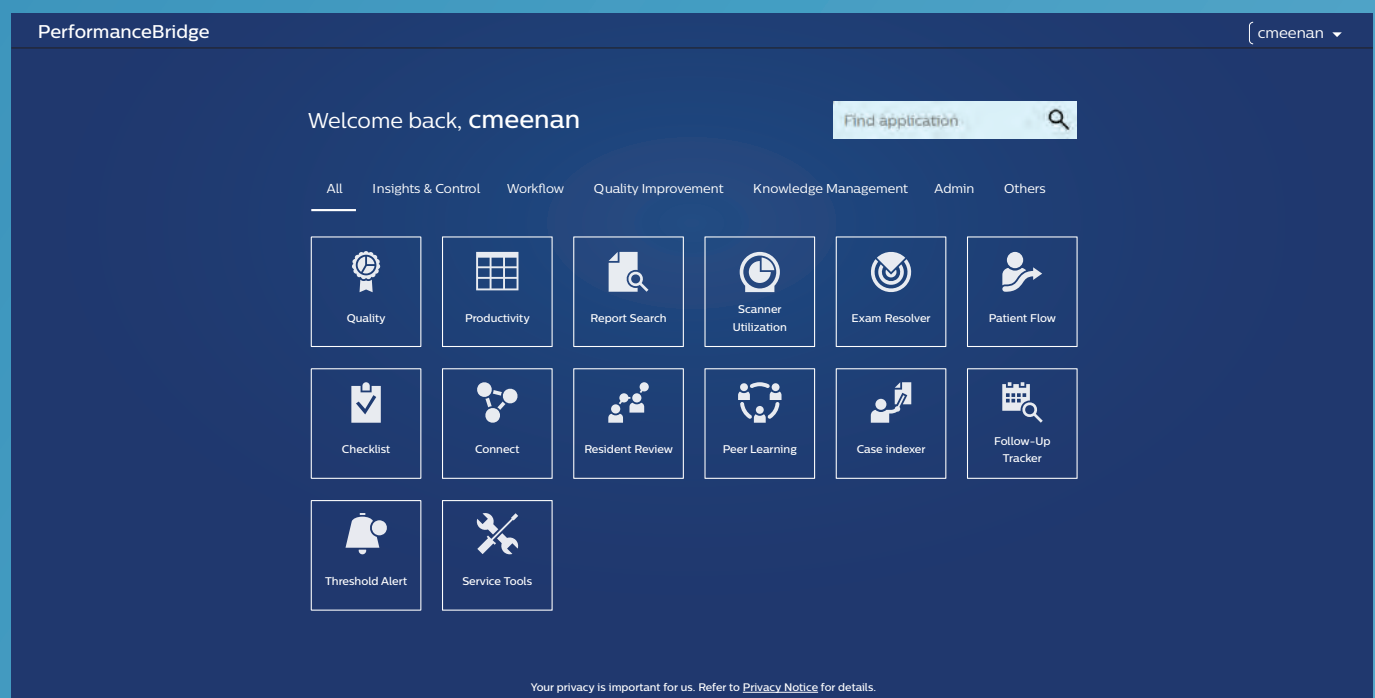
**Vendor-neutral solution** that can integrate data from imaging modalities with DICOM, EMR and RIS with HL7, and other sources onto a common platform.

**Real-time data analysis** that allows for tactical fire-fighting and supports management and patient-facing staff with dedicated applications to support clinical workflow.

**Analytics and workflow tools** to help with learning, quality, and operations coordination.

**An open software development kit** that allows flexibility to customize and quickly build applications, without having to rely on our support.

**Support and services** to aid in decision-making, adoption of continuous improvement, and driving value.



# PerformanceBridge Application Suite

This solution provides access to a robust set of easily accessible, web-based and vendor agnostic applications that can help to manage a radiology practice, from operational business intelligence, to clinical workflow, to education. Powered by a combination of the application tools and dedicated support of a Solution Advisor, who supports imaging leaders in decision-making, adoption of continuous improvement, and driving added value for the healthcare system.

Included with all Application Suite purchases, PerformanceBridge Productivity and Quality can be used to gain visibility into departmental workflow metrics and help to empower imaging leaders to make strategic short- and long-term decisions to improve operational and financial performance.

## PerformanceBridge Productivity



Monitor operational, clinical and financial metrics in real-time in an interactive spreadsheet, a companion to the graphical

Quality dashboard. With Productivity, you can:

- Filter data with drill-downs from multi-year facility level aggregates to exam-level details
- Monitor operational, clinical and financial metrics

## PerformanceBridge Quality



Gain real-time visibility into departmental workflow metrics to aid in strategic decision-making around operational and financial

performance improvements. With Quality, you can:

- Visualize and evaluate performance KPIs on an ongoing basis
- Configure dashboards with customizable filters
- Use custom-defined graphical KPIs to run a quality meeting or track operational performance



# Applications to address various cases from productivity and quality, to education and research, and more

## PerformanceBridge Case Indexer



Keep interesting radiology cases within PACS organized and readily available for conferences, teaching, research, etc.

With Case Indexer you can:

- Move to an efficient, usable and standardized file keeping system
- Standardize tagging with common radiology reporting terms
- Organize with both private and public tags for flexibility and easy-to-find files

## PerformanceBridge Checklist



Drive implementation of patient recommendations by automatically identifying notes, critical results and more, and organizing exams in actionable worklists.

Use Checklist to:

- Create custom worklists based on patient recommendations
- Capture exams with unique criteria based on result text and procedure properties
- Drive engagement via worklist automation and one-click style context integration link for PACS or voice recognition clients for manual submissions

## PerformanceBridge Connect



Implement a formal and uniform quality program, with a tool that helps track quality issues and understand trends by location and modality. Connect allows you to:

and modality. Connect allows you to:

- Lower the communication barriers between radiologists and technologists
- Provide exam-specific feedback with consistent categorization
- Empower technologists to take action and improve performance
- Drive workflow improvement with a fast, simple ticket-tracking system

## PerformanceBridge Exam Resolver



Access a one-stop view for identifying and resolving workflow problems that delay patient care and reimbursement.

This application:

- Launches discrete worklists – for uncompleted exams, undictated exams, and unsigned reports – with context and document issues
- Uses a departure-board style interface to track exam counts and drill into details
- Offers the opportunity to proactively address these problems to drive greater efficiency

### PerformanceBridge Follow-up Tracker



Capture additional revenue that otherwise would've been lost due to non-compliance of follow-up recommendations.

- Auto-generate consolidated list of patients with follow-up recommendations
- Filter to focus on unfulfilled recommendations
- Identify opportunities that can lead to additional revenue
- Enhance patient experience and satisfaction by increasing engagement opportunities, and drive toward appropriate diagnosis and treatment



### PerformanceBridge Patient Flow



Monitor and communicate the movement and status of a patient through a procedure in real-time on a digital whiteboard, helping to drive more consistency and efficiency. This application:

- Facilitates quick and streamlined communication across patient care roles
- Helps reduce issues with consistency and efficiency
- Documents workflow steps to prepare patient for a procedure

### PerformanceBridge Peer Learning



Transforms peer review from a compliance task to a learning opportunity that not only helps residents better understand what's being read wrong, but also helps clinicians enhance patient care. Peer learning allows you to:

- Capture feedback on exam reports from the previous 24 hours
- Increase relevance and targeted learning with a scoring system that distinguishes between detection and interpretation misses
- Provide closed-loop feedback and oversight

### PerformanceBridge Report Search



Rapidly search medical report databases with this time-saving tool, to provide decision support on difficult or unusual

diagnosis, and to find and save the exact results when needed, without having to wait for after-action reports.

Report Search allows you to:

- Free-text search electronic medical report databases
- Easily filter diagnostic reporting data by CPT code, modality, location, patient age and more

### PerformanceBridge Resident Review



Track radiology residents' progress qualitatively versus solely quantitatively, and provide a supportive structure that enables residents to achieve success in their residency. With Residence Review, you can:

- Provide a global report card for residents
- Note quantified report differences and dictation corrections
- Enable proactive and reactive resident feedback
- Access a self-service case log that includes ACGME reporting

### PerformanceBridge Scanner Utilization



Track utilization in real-time to help manage resources to address key care experience factors, such as patient wait

and delay analysis. Use Scanner Utilization application to:

- Track scanner rooms, modalities and other resources
- Drive more efficient use of resources
- Aid decision making that can impact patient experience

### PerformanceBridge Threshold Alert



Alert teams and individuals when critical business metrics cross thresholds set with your policies in mind, help reduce response

time for processes and troubleshoot problems proactively. Use Threshold Alert to:

- Customize specific scenarios and areas to monitor to address things like delays or staffing issues
- Automatically communicate alerts to staff in real-time
- Help reduce response time for critical business processes
- View history to see events that might trigger alerts and details on trigger events

# Build applications that fit your requirements and vision

Our **PerformanceBridge Software Development Kit (SDK)** is a fundamental feature of the Application Suite and enables rapid application development and deployment through standardized application packaging requirements, and an enterprise class web application server. It allows for development of application tools that can be specifically tailored to your requirements, vision and KPIs.

Within hours of using the SDK platform, web developers without any prior clinical experience, are able to build healthcare applications. With our SDK, you can:

- Build tools using the data within the PerformanceBridge Application Suite
- Access stored and real-time clinical data
- Use functions like secure authentication, HIPAA audit logging, and context launching

It makes possible and facilitates the creation of the next generation of performance applications, created by a broad ecosystem of academic institutions and innovative technology companies, designed to address diverse technology needs across medicine, and bring the power of community innovation to healthcare.

With an Application Suite purchase, you will have the rights to use the SDK; however additional costs and fees may apply to train users.

## Professional services to support progress

We offer a diverse set of services to aid in decision-making adoption of continuous change.

Our personalized PerformanceBridge Assessment can baseline your imaging needs, resources and capabilities, and map key targets your strategic goals. Many of our solutions are paired with advisory services, enabling our team to work closely in partnership with you, to provide information and directional support to assist in operational decision making, adoption of continuous change, and drive value for the overall healthcare system.

We understand curating the right data to gain insights is critical in the outcomes delivered by our solutions. Our service team is dedicated to helping you unify your data to unlock actionable information from the right data for the right metric, in order to enhance operational and clinical decision making that's centered around the patient.

Based on your needs, we'll work with you to identify which services will best compliment your solutions and help you make progress toward your goals.

## Technical specifications and requirements

To enable our PerformanceBridge Application Suite, you'll be required to provide the appropriate network and configuration to support its installation and operation.

Key technology specifications for a standard installation can be provided by your Philips representative, upon request. Customer-specific installation and configuration details are arranged during implementation planning.



For additional details, please contact your Philips representative.

1. Advisory Board Imaging Market Estimator: US Outpatient Imaging Estimator 2016-2021
2. Medscape Physician Lifestyle Report 2015
3. Evidence-Based Medicine and the Changing Nature of Healthcare: 2007 IOM Annual Meeting Summary.
4. Philips Financial Stability and ROI model, using inputs from DefinitiveHC.com
5. Peer60; Unnecessary Imaging. <https://reactiondata.com/wp-content/uploads/2015/02/peer60-unnecessaryimaging.pdf>.