



PHILIPS

PerformanceBridge

Radiology Analytics

Leveraging data to optimize department performance

PerformanceBridge Radiology Analytics

Be proactive, not reactive. Stay a step ahead. Take control of data management and leverage your valuable departmental assets to build a program of continuous performance improvement.

Philips PerformanceBridge Radiology Analytics puts the tools for success at your disposal. Vendor-neutral performance analytics empower your staff, help ensure care consistency, improve operational outcomes, and reduce costs. Solutions can be customized to your specific requirements for targeted results.


By accessing, understanding, managing, and leveraging data from disparate sources, you shape performance analytics into a valuable organizational asset.

Key advantages


- Highly customizable
- Vendor-neutral
- Dynamic data
- Real-time data retrieval
- Retrospective data
- Revenue optimization
- Actionable insights

Stepping up to address operational challenges

Healthcare statistics suggest that poor data management and operational inefficiencies place an undue burden on radiology department performance.

 **97%** of radiology departments are unable to meet their reporting requirements¹

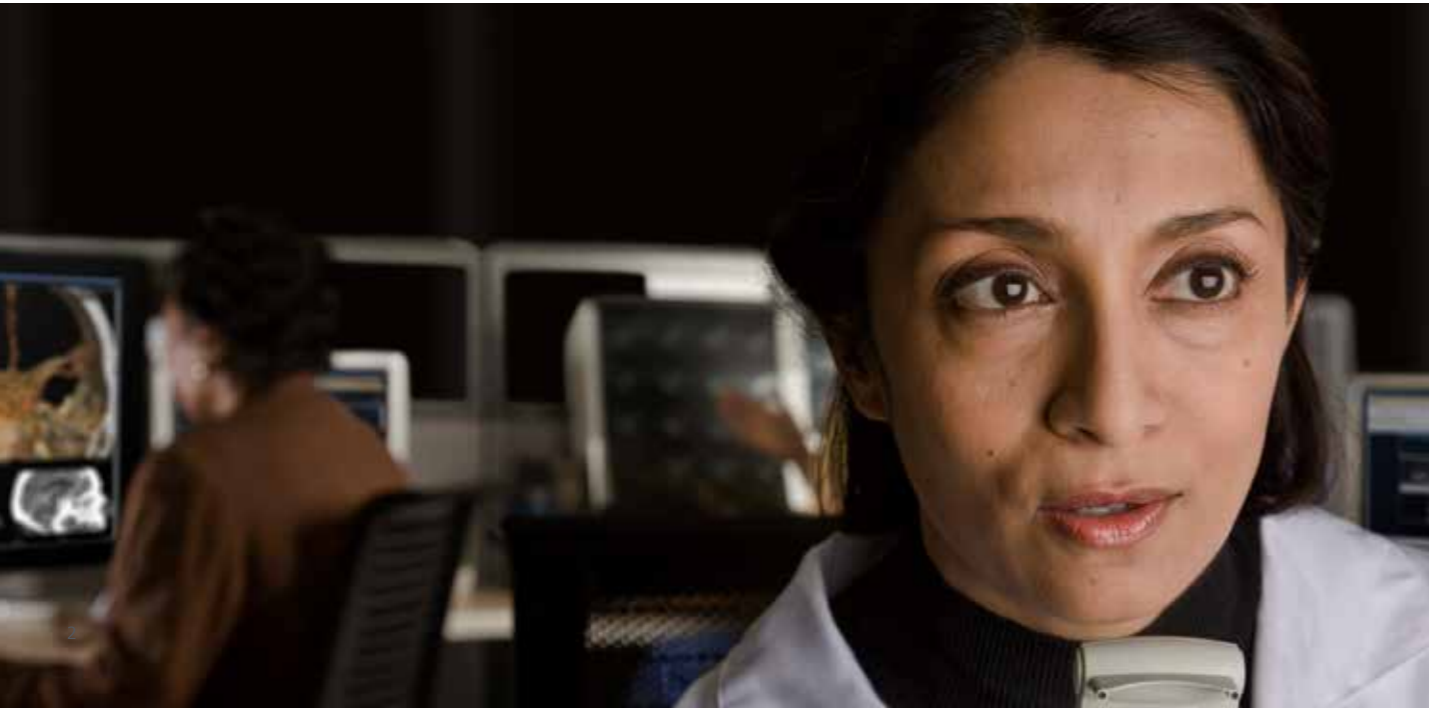
 Unnecessary, sub-optimal, and repeat imaging costs as much as **\$12B+** annually³

 Radiology imaging staff think **23%** of their work is inefficient²

 **45%** of radiologists report symptoms burnout⁴

Barriers to your department's optimum performance may include poor scheduling, overworked administrative staff, lack of valuable operational insights, inefficient processes, staff recruitment/retention issues, and patient/staff dissatisfaction. The solution to each of these challenges is rooted in the proper and timely

acquisition of departmental data and careful analysis of that data to gain actionable insights. But the quantity of data is growing rapidly. By 2025, the compound annual growth rate of healthcare data will reach 36%.⁵ This is not necessarily an impediment. Much can be uncovered with the right data management tools.



Make your data work for you

Philips PerformanceBridge Radiology Analytics allows your operational and clinical leaders to gain valuable insight into the day-to-day operational performance of their department. It helps them make sense of large and sometimes disparate pieces of clinical and operational data. And it helps them track progress, make informed decisions, and enable continuous performance improvement so your institution may confidently serve the radiology needs of your community.

PerformanceBridge Radiology Analytics integrates seamlessly to help manage your entire radiology imaging workflow process. You can maintain quality and efficiency amid heavy case volume by tracking utilization trends and staff/system

performance metrics at the individual scanner level. By aggregating data from multiple sources (including system scheduling, RIS, PACS, EMR and billing), PerformanceBridge Radiology Analytics supports actionable insights to continuously drive workflow improvements. Data can also be easily organized for impactful reporting to top management.

Real-time analysis and customized dashboard data visualization prompt quick responses to emerging issues for sustainable best practices and guidance in strategic planning and budgeting. PerformanceBridge Radiology Analytics helps you keep your hand on the operational pulse of your imaging department.

Fundamental Tools for Success:

PerformanceBridge Discovery

PerformanceBridge Radiology Analytics brings together four fundamental radiology workflow applications within our comprehensive PerformanceBridge portfolio. Productivity and Quality analytics support asset optimization, operational efficiency, and continuous improvement, including scheduling and referrals tools by aggregating multiple structured data

sources into one easy to access and share dashboard. Scanner Utilization and Exam Resolver assist with optimization of the exam experience. These vendor-neutral workflow enhancement applications help reinforce core capabilities and offer actionable insights.



PerformanceBridge Productivity

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



PerformanceBridge Quality

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



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.



PerformanceBridge Exam Resolver Utilization

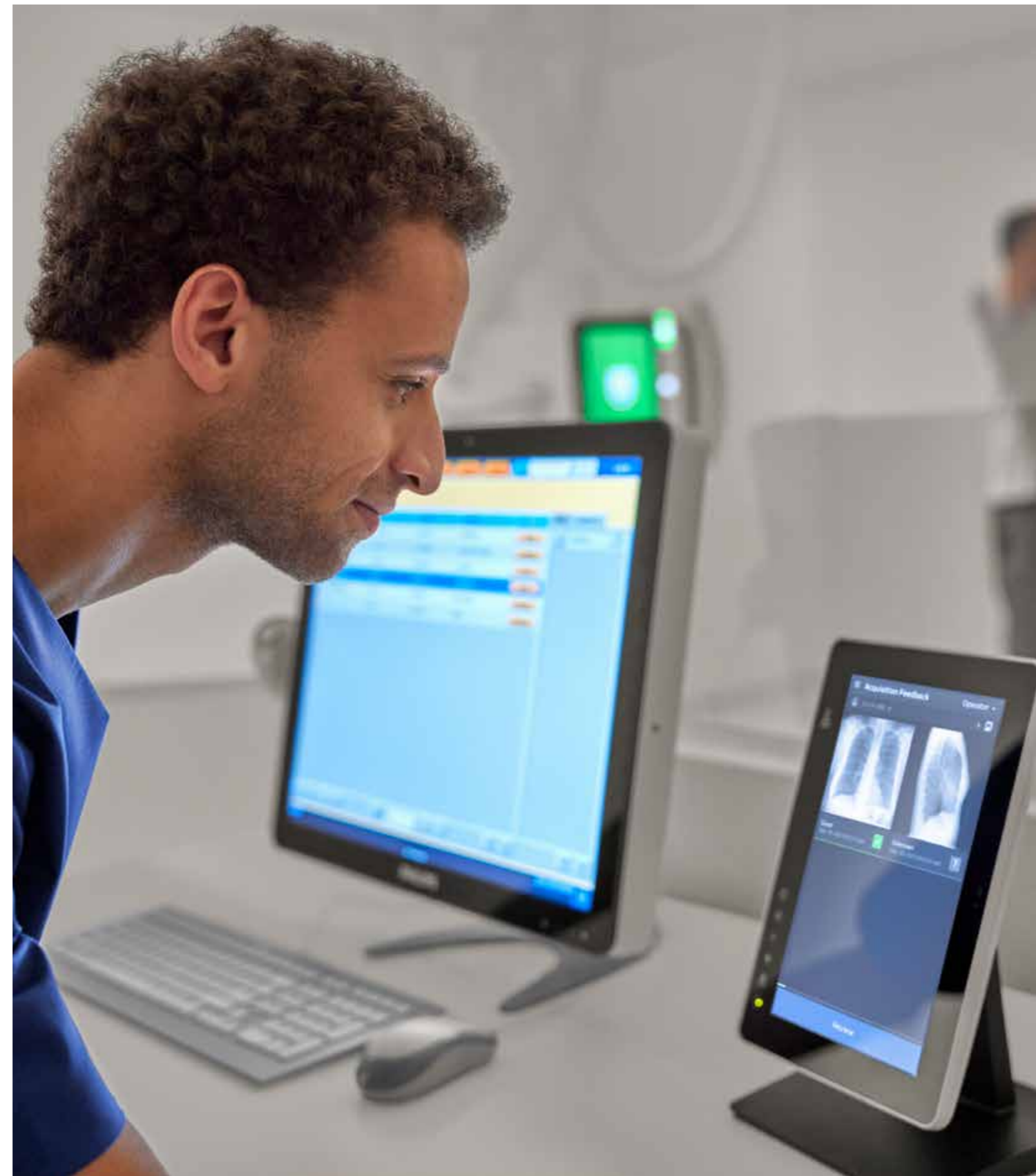
Access a one-stop view for identifying and resolving workflow problems that delay patient care and reimbursement.

Operational performance improvements help you meet your clinical and business goals and establish a sustainable program of service optimization.

You'll have better visibility to areas such as:

- Resource utilization
- Workflow and staff efficiency
- Image quality standardization
- Exam duration, effective scan time
- Volume changes
- Patient throughput

PerformanceBridge Radiology Analytics also includes professional services to support implementation, integration, configuration, training, and additional hours of annual support to make sure that the implementation meets your organization's needs, delivering the value you expect.




Tailored options to PerformanceBridge solutions for additional insights


Premium add-ons help organizations tailor their advanced analytic toolbox toward optimizing detailed operations. These include sustainable best-practices for the enterprise, prescriptive measures, and actionable insights to drive workflow improvements.



Follow-up


 **PerformanceBridge Follow-up Tracker**

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


 **PerformanceBridge Checklist**

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

Report Search

 **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.

 **PerformanceBridge Case Indexer**


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

Patient Flow


 **Performance Bridge 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.

Training

 **PerformanceBridge Peer Learning**


Transform 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.

 **Performance Bridge Practice**


PerformanceBridge Practice solution is our most versatile service, designed especially for in-house healthcare analysts and data scientists. It allows for the set-up of many role-based views, to provide different individuals in your department visibility to the data sets most pertinent for their work. Understanding that you may want to control access to specific sets of information, PerformanceBridge Practice lets you set rules to limit or grant access to various users.

You have the ability to create sophisticated visualization graph types such as heat maps, location maps, scatter plots, pie charts, bar charts, spider plots, and many more.

A key element to the success of PerformanceBridge Practice is our Solution Advisor. This dedicated clinical expert/data scientist collaborates with your staff to enable continuous improvement support and to drive the business of performance improvement.

 **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.

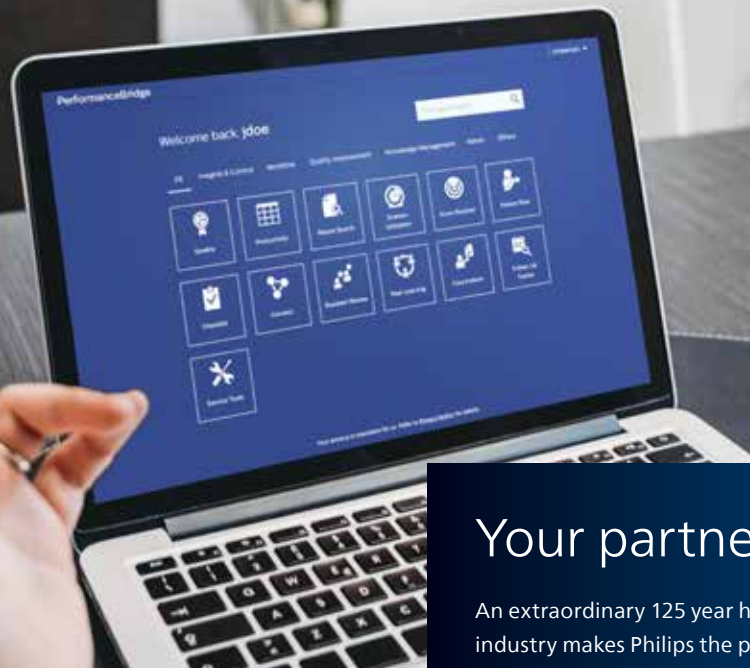
 **PerformanceBridge Connect**

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

Basic Analytics

PerformanceBridge also offers an “essential” Radiology Analytics tailored specifically for the Philips VuePACS solution. You can gain insights into turnaround times (TAT) by modality, study, and physician, number of exams by scanner, study distribution by patient class, and final reports by signing physician. You can also generate reports by sites or modality. This essential package is the perfect package for standard PACS reading, helping your department achieve exam reading efficiency.

If you have the VuePACS Solution, please contact your local rep to understand the advantage this offering brings



Your partner of choice

An extraordinary 125 year history in the healthcare industry makes Philips the perfect partner for your analytics journey. We have the experience as a digital transformation leader to help you take full advantage of healthcare informatics. We have the right solution to fit your particular needs and can scale to fit your unique environment. Our clinical expertise and award winning customer support services help you realize the benefits of every PerformanceBridge solution.



Contact your local Philips Sales Representative for more information or visit our website.

1 https://www.rbccm.com/en/gib/healthcare/episode/the_healthcare_data_explosion

2 <https://www.usa.philips.com/c-dam/b2bhc/master/Specialties/radiology/radiology-staff-in-focus/radiology-staff-in-focus.download.pdf>

3 <https://reactiondata.com/wp-content/uploads/2015/02/peer60:unnecessaryimaging.pdf>

4 <http://catalinaimaging.com/radiologist-burnout/>

5 <https://www.cqc.org.uk/sites/default/files/20180718-radiology-reporting-review-report-final-for-web.pdf>

