



PHILIPS

ProGrade

Digital radiography
solution

Bucky to DR in **one smart step**

Stay the same, but change radically. Philips ProGrade converts your analog BuckyDiagnost X-ray room to full Philips digital without the hassle and expense of a geometry replacement. One day is all it takes. Just add our new SkyPlate cassette-sized wireless portable detector and an Eleva workspot to experience premium digital imaging, enhanced digital productivity and high patient throughput. Meanwhile, stay within the trusted Philips family for a truly integrated digital workflow and excellent service support from a single point of contact. Philips ProGrade: a big step up in capabilities, without a big step change in your examination room or investment.

Key advantages

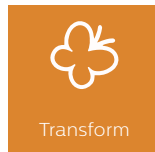
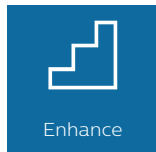
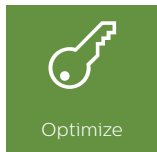
Do more for less: Cost effectively upgrade your Bucky equipment to premium Philips digital.

Fully integrated: Includes Eleva for one common platform and smart digital workflow.

High quality digital imaging: Add premium digital imaging to a Bucky system.

A truly integrated digital workflow

As a direct digital upgrade solution for BuckyDiagnost, ProGrade provides a truly integrated digital workflow that will transform your exam room without a geometry replacement. Radiologists will appreciate powerful premium imaging features like CsI detector technology and Philips UNIQUE image processing, allowing for consistently superb images and high quality care for patients. Meanwhile, workflow is much enhanced by the non-opening Bucky tray and automatic Dose Area Product (DAP) data capture, as well as an Eleva user interface. Compared to DR geometry replacements, ProGrade simplifies your team's learning curve thanks to familiar Philips geometry and Eleva's user-friendly interface and easy workflow. You'll be up to speed in next to no time.



Eleva promotes seamless workflow across different Philips modalities

ProGrade benefits everyone

- **Administrators:** Continue using Bucky systems with a cost-effective digital upgrade, and unify a department with the Eleva concept and SkyPlate detector sharing.
- **Technologists:** Powerful digital imaging tools and familiar Bucky geometry allow you to work fast and effectively compared to analog and CR.
- **Radiologists:** ProGrade provides enhanced data and high quality images to advance your diagnoses.
- **Patients:** High quality digital imaging to support confident diagnoses for quality patient care.



The optional small SkyPlate is highly suited to difficult projections and pediatric applications

Advantages of a Philips digital room

A Philips DR solution transforms your exam room on many levels, benefitting everyone involved. Eleva delivers smooth and easy workflow, fast patient throughput and quality care through preset exposure settings and one common platform for multiple Philips modalities. The non-opening Bucky tray means no time wasted opening and closing the tray between exposures. Meanwhile, DAP data is captured and sent automatically to the Eleva workspot and PACS in the DICOM standard, reducing workload. Another advantage is state-of-the-art digital imaging, a result of decades of Philips digital X-ray expertise. Philips DR keeps your exam room running too, with built-to-last hardware and software, and a network of experienced service engineers.

The Eleva concept: One common platform

Eleva is a common digital platform and user interface that promotes seamless and efficient workflow across different Philips modalities, letting you perform a range of exams with ease. The touch-screen user interface takes just minutes to master, and puts a powerful feature set at your fingertips. Pre-programmed automatic exposure parameter settings speed up image processing and produce consistent results for a diverse range of patient and exam types. Furthermore, Eleva's fully-networked, state-of-the-art IT and security standards allow for smooth integration into existing environments.

SkyPlate: Our lightest, most portable detector yet

SkyPlate is compact, wireless and our lightest detector yet. Easy to handle and carry, it flies around the examination room with ease, or can be conveniently used on a moveable detector holder or bed holder. Available in two sizes, it is suitable for table and wall stands, as well as challenging free exposures such as angulated projections, bringing more flexibility to your exam room. Despite its light weight, however, SkyPlate offers superb image resolution and sensitivity with excellent X-ray dose management because it uses the same premium Cesium Iodide (CsI) detector technology as our flagship DR systems.

SkyPlate is also the first digital detector to offer cassette-sized wireless portable detector sharing compatible with Philips digital radiography systems. As either a main or back-up detector, this helps to maintain continuous uptime in your workroom. And it's a no-brainer to add more SkyPlates later, potentially lowering your initial investment while delivering added flexibility across your department.

UNIQUE: Consistently superb image processing

Philips UNIQUE (Unified Image Quality Enhancement) image processing software enhances image consistency for Philips CR and DR systems by automating manual contrast adjustments and image re-processing at the PACS. It harmonizes areas of varying density and contrast in an image, bringing out smaller details. Reproducing consistent, high quality images time after time, UNIQUE equalizes image quality across the department, regardless of anatomic area, detector or modality. Customized user preference settings allow you to personalize the image displayed on screen, benefitting diagnoses and workflow.

Keep your Philips service guarantee

In addition to an existing Bucky service contract, ProGrade has its own service solution, allowing your entire investment to remain fully protected for complete peace of mind. What's more, it maintains access to the trusted Philips service network through a single point of contact. Whether you require a system update, a software or hardware upgrade, or expert troubleshooting and repair, our experienced service engineers will deliver the solution conveniently on your terms to keep your facility up and running.

Future-proof your system further

ProGrade allows SkyPlate to be compatible with Philips digital radiography systems, for long-term confidence. So when the time finally comes to replace your Bucky system, you can continue to use – and get value from – your investment in SkyPlate.

Philips SmartPath: Think long-term

Today hospitals and clinics need to maintain state-of-the-art facilities and be mindful of downtime and cost management. So once you've upgraded with ProGrade, stay on the digital cutting edge with SmartPath, a Philips-wide program that maintains your system throughout its lifecycle. SmartPath includes regular software updates, hardware maintenance, retooling enhancements, and component, software and full system upgrades – all delivered easily and affordably with the Philips service guarantee. For BuckyDiagnost and ProGrade SmartPath offerings, go to www.Philips.com/SmartPath or contact your Philips representative.

SkyPlate fits into the table and vertical stand Bucky trays



Technical specifications

Eleva workspot

Monitor	19" touch-screen monitor
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Typical time to display preview image / full image	5/12 seconds
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Image storage	Up to 4,000 images
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UNIQUE multi-resolution image processing	
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SkyPlate wireless portable detector

Type	Digital Cesium Iodide (CsI) flat detector (ISO 4090)
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Detector size	35 cm x 43 cm (14" x 17")
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Image matrix size	2,330 pixel x 2,846 pixel
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Image resolution	Up to 3.38 Lp/mm
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Pixel size	148 µm
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Weight (incl. battery)	2.8 kg (6.2 lbs) Except: North America & China: 3.0 kg (6.6lbs)
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Maximum patient weight	100 kg (220 lbs) on 4cm disk; 135 kg (298 lbs) for distributed load
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Battery charging

Technology	Internal lithium ion battery
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Size of batteries	64 mm x 248 mm x 7.1 mm
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Battery charging time	4 hours max. for 100 % charge
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Bar charge status color indication per battery	0-25%; 25-50%; 50-75%; 75-100%
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Autonomy operation mode	3.5 hours / 525 images; one image every 20 seconds
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Autonomy listen mode	6 hours without image acquisition
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Charging slots	3
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User-replaceable battery (no tools required)	
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Image transmission

Wireless access point	
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Backup cable	
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Options

Small SkyPlate detector	24 cm x 30 cm (10" x 12")
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Additional battery	
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Detector sharing	Available with compatible releases of Philips radiography systems
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Digital workflow	
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Detector holders for all sizes of SkyPlate wireless portable detectors	
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Grids in portrait or landscape orientation	
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SkyPlate wireless detector protector for weight-bearing exams	
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Hygienic bags	
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Pre-conditions*

Generator	Optimus RAD
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Bucky tray	BUF, Inalfa or ACL4
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*For details please see complete specifications



SkyPlate is available in two sizes

