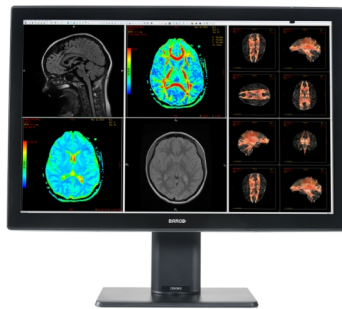# All Remote Radiologists Require A Fully Functioning Home Working Environment

- Royal College of Radiologists

Whatever your home imaging needs

Replicate your **work** radiology set-up **at home**

And diagnose with confidence

	One display - Any image	**Dual displays - Side-by-side**
	Imagine reviewing any selection of images (Grayscale / color, 2D / 3D, static / dynamic, Workflow / Individual) on a single display.	For those who prefer running side-by-side comparisons, requiring minimal image manipulation with high brightness and contrast ratio for greater DICOM JNDs
	30" 6MP Color Diagnostic Display + 21" admin screen +	Dual 21" 2MP Color Diagnostic Displays + 21" admin screen +
Barco Certified Laptop 'Just Dock It' - Connect using Thunderbolt 3 port	Lenovo ThinkPad P1 workstation - 15.6" FHD, Intel i7, Windows 10 Pro + eGFX-VTM4700 Read Station from £11,105 (exVat) £370pm (3 year technology rental agreement*)	Lenovo ThinkPad P1 workstation - 15.6" FHD, Intel i7, Windows 10 Pro + eGFX-VTM4700 Read Station from £9,101 (exVat) £304pm (3 year technology rental agreement*)
Barco Certified PC Single Small Form Factor Base Unit	HP EliteDesk Desktop - Intel i7, Windows 10 Pro from £9,848 (exVat) £328pm (3 year technology rental agreement*)	HP EliteDesk Desktop - Intel i7, Windows 10 Pro from £7,844 (exVat) £262pm (3 year technology rental agreement*)
The Complete Bundle Everything you need to work remotely and comply with Royal College of Radiologists (RCR) guidelines	- Technical Support: 09:00-17:30 phone & email - Microsoft 365 suite with email & Teams - Security (encryption, antivirus) - Ultra-fast Lossless Business Communications - Private cloud access	from £50 pm (exVat)

Call 0345 0945 353 to discuss your imaging requirements

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QMS ISO 14001 : 2015 REGISTERED

QMS ISO 27001 : 2013 REGISTERED

CYBER ESSENTIALS

Using 'off the shelf' uncalibrated monitors and 'lossy' compression is not acceptable.

The [Royal College of Radiologists (RCR) are advising all radiology departments](#) to provide staff with a fully functioning home working environment, to minimize the risk of spreading infection and ensure availability of vital service delivery.

Extending diagnostic reading outside the workplace requires the same level of performance, quality, and security applied in onsite reading rooms; So your home working equipment should ideally reflect that available in the hospital reading rooms.

Medical Displays

Display consistency and quality is key to radiology productivity, whether working remotely full or part time, your home setup mirror your work setup and be calibrated for your location.

Single Large Display - Any image

Greater flexibility reviewing a wide selection of image types (grayscale / color, workflow / Individual, 2D / 3D).

Arrange images across the entire screen real-estate, have a single large image, or can act as dual 2x3MP display with no bezel. Have confidence that the tiniest detail is not overlooked.

Multiple displays - Side-by-side

For predominantly side-by-side diagnostic comparisons, this best dual-head display setup may be preferred.

Less image manipulation with high brightness & contrast ratio for greater DICOM JNDs, helping improve workflow and make more confident diagnoses.

Processing capability

Driving your displays, manipulating images, and applying visual effects to aid diagnosis is normally conducted by powerful medical imaging workstations, and is well beyond the capabilities of most computers.

IT Genie can provide fully certified desktop or laptop & eGFX card models, depending on your preference, capable of replicating the high-end image quality and workflows of hospital reading environments, at home.

Connectivity & Security

For timely processing and transfer of medical imagery, your connection should allow fast transfers (recommended 100Mbps @ 10:1) enabling workflow processes without interruption, for optimal diagnosis performance and confidence.

Security solutions such as antivirus, encryption and a secure VPN or private file storage (such as Sharepoint) is required for collaboration, with a private email, videoconferencing and messaging solutions.

Productivity & Ergonomics

Ergonomics and productivity are closely related, take a broader look at your home workspace. Are your chair, desk, screens, keyboard and mouse all adjusted to your posture? , does your desk position your keyboard and screen at the right height, are your mouse, headset and camera all the correct quality?

Working without dedicated peripherals (keyboard, mouse, headset & camera) and poor desk and chair setup can lead you to become your own patient in short time.

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