**BT**

# Simple, powerful AI for diagnostics

## Access a wide range of medical imaging AI technology, supporting your radiologists in the way they want

Artificial intelligence has the potential to transform healthcare diagnostics, leading to greater speed, efficiency and effectiveness. And now, thanks to our Diagnostics AI Marketplace, built in partnership with deepc, it's easier than ever to find the right AI tools for your needs.
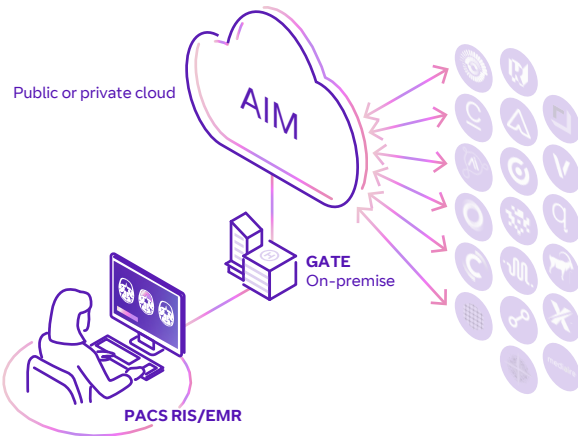
Bringing together the best diagnostic AI solutions around, this platform offers tangible benefits for healthcare professionals and patients.

In partnership with

**deepc**

## How it works

Our Diagnostics AI Marketplace is the only AI platform you need. It gives you access to more than 50 algorithms from over 25 vendors, all accessed through a single integration.



Public or private cloud

AIM

GATE
On-premise

PACS RIS/EMR

It works via this step-by-step process:

- Image acquisition
- DICOM is auto-forwarded to the on-premise deepcOS GATE
- Personal information is pseudo-anonymised, with an ID key generated
- DICOM study is transferred to the orchestrator in our AIM (cloud)
- Our AIM orchestrator identifies the right AI engine
- AI result is generated

- AI result is sent back to the deepcOS GATE, DICOM in the AIM gets deleted
- The ID key is used to rematch to the original DICOM study
- AI result is registered in the PACS and workflow

## Key benefits of our Diagnostics AI Marketplace

- A multi-stage AI curation process ensures our platform offers the best technologies
- A large AI solution portfolio, offering excellent choice
- A single integration enables access to the AI platform and all AI technologies
- AI vendor neutrality, helping drive innovation
- Vetted and accredited AI suppliers and solutions
- Scalable and sustainable data privacy framework
- Technical flexibility (integration with varying PACs) and scalability (cloud native)
- Low investment needed to access innovations
- Unified contract, DPA, service, support framework
- Simple delivery of further AI solutions via established integration
- Data sovereignty and anonymisation

## Why now?

NHS England carries out more than a billion diagnostic tests a year, with 85% of clinical pathways including diagnostics. But there are still 1.6 million people waiting for tests, and demand is rising by 4-7% a year.

At the same time, there's a huge shortfall in clinical skills, with 52% of NHS England radiology workforce vacancies having been open for 12 months. That results in increased expenditure, as organisations rely more on outsourcing and locums.

Artificial intelligence can help, increasing speed and efficiency through automation. Our solution offers access to more than 50 AI engines through only a single integration into our Diagnostics AI Marketplace platform. That means you can avoid the high costs that would normally come with the curation and onboarding process for each individual AI technology.

This all leads to high costs, increased labour, wasted time and security risks. Our Diagnostics AI Marketplace avoids these issues, making it easy to find and deploy AI solutions where they're most needed.

## Part of a unified diagnostics strategy

We're building a varied portfolio of solutions to help the NHS and other healthcare providers with their diagnostics challenges. We can also support you with diagnostic imaging streaming, community diagnostic centres, patient concierge systems and more.

## Learn more

For more information, speak to your BT account manager or email us at bt.healthcare@bt.com

BT