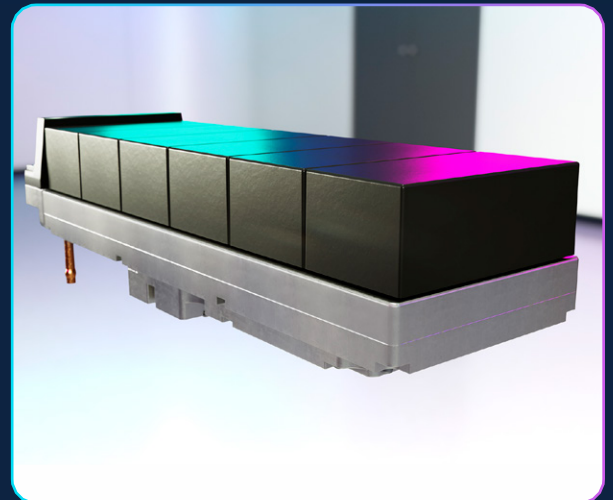


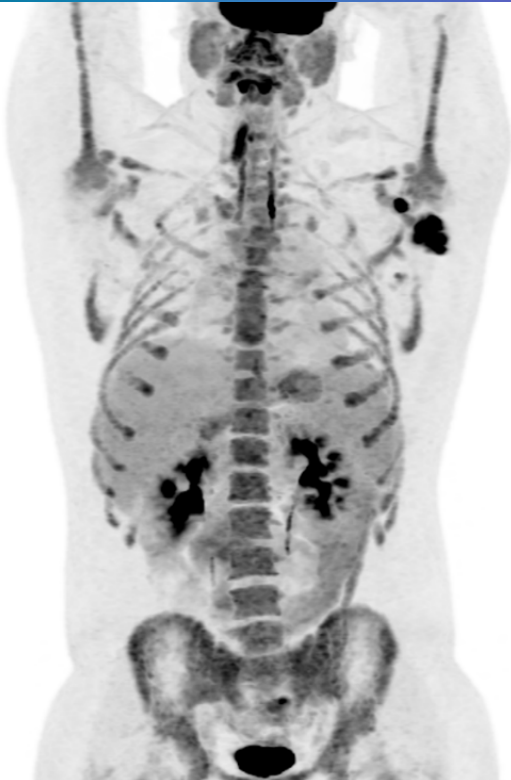


# Omni Legend

## ANSWERS AT THE SPEED OF SIGHT

As a physicist, you need a PET/CT platform that takes advantage of groundbreaking technology to deliver state-of-the-art images. Introducing Omni Legend. As the first system built on our all-digital platform, Omni Legend was designed to achieve exceptional image quality. The platform's all-new detector design and innovative deep learning technology\* make it an industry-leading platform that will empower your team with exemplary diagnostic confidence now and in the future.





## IMAGE QUALITY

### Omni Digital Detector

The all-new detector harnesses the power of dBGO with a small crystal size capable of producing high-resolution images to deliver the highest sensitivity per cm in the market.<sup>1</sup>

### Precision DL\* software

Precision DL\* is engineered with a sophisticated deep neural network trained on thousands of images made with multiple reconstruction methods to help achieve better contrast-to-noise ratio and contrast recovery.<sup>2</sup>

#### ♥ WHY YOU WILL LOVE IT

The ultra-high sensitivity and resolution of the detector lead to exceptional image quality you can feel confident in

You get image processing software designed to provide increased small, low-contrast lesion detectability compared to our conventional Time-of-Flight scanner<sup>3</sup>



## CAPABILITIES

### Customizable scanning

Omni Legend allows you to dial up or down for speed,<sup>4</sup> dose<sup>5</sup> and image quality so that you can customize scans for each patient.

#### ♥ WHY YOU WILL LOVE IT

Customized scans for each patient may enable an improved scanning experience for your entire team — potentially supporting increased patient throughput

<sup>1</sup>Omni Legend and Precision DL are CE marked. Omni Legend is 510(k)-cleared by the U.S. FDA. Precision DL is 510(k)-pending with the U.S. FDA. Not available for sale in the United States. Any clinical image shown that was processed with Precision DL was obtained from an investigational device, limited by U.S. law to investigational use.

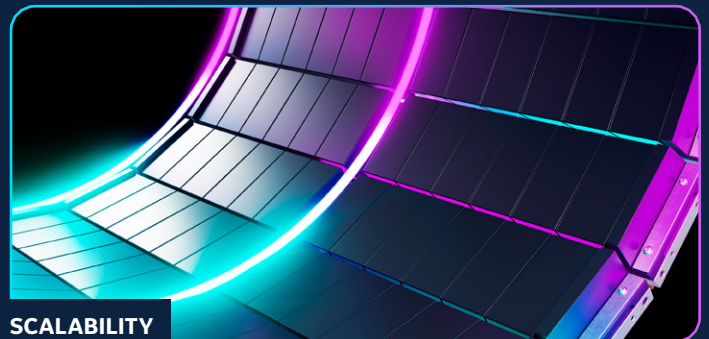
<sup>2</sup>For conventional (non-TB) PET/CT systems.

<sup>3</sup>Contrast Recovery (CR) and Contrast-to-Noise Ratio (CNR) demonstrated using clinical data with inserted lesions of known size, location and contrast. Using data from Omni Legend 32 cm, CR and CNR were measured using High Precision DL and QCHD.

<sup>4</sup>Improved detectability at matched scan time and injected dose. Detectability using clinical data with an inserted 8 mm diameter liver lesion of known location and 2:1 contrast using a CHO model observer, comparing SNR from Omni Legend 32 cm with QCHD and Precision DL to SNR from Discovery MI 25 cm with QCFX.

<sup>5</sup>Up to 53% reduction of PET scan time on Omni Legend 32 cm compared to Discovery MI 25 cm, as demonstrated in phantom testing.

<sup>6</sup>Up to 60% reduction in PET dose with Omni Legend 32 cm compared to Discovery MI 25 cm, as demonstrated in phantom testing.



## SCALABILITY

### Scalable platform

The scalable platform can be optimized for both current and emerging tracers as well as for procedures beyond oncology such as cardiac and neuro imaging.

### Detector design

The detector assembly is engineered for upgrades that allow for an axial field-of-view scalable up to 128 cm.

#### ♥ WHY YOU WILL LOVE IT

You will have the ability to scan emerging tracers, which can enable different procedures such as the diagnostics portion of theranostics imaging

A large field-of-view can enable your team to complete ultra-fast routine whole-body imaging so that you can prescribe more scans<sup>4</sup> and/or lower doses<sup>5</sup>