

# ProFound AI® Detection

## v3 Service Pack

### Improved Workstation Readability



## A screening revolution has arrived. The difference is ProFound.

### Cancer's hiding place, exposed.

Delivering clarity, confidence, and peace of mind. ProFound is clinically proven to improve breast cancer detection and radiologist performance.

*FDA Cleared. CE Marked. Health Canada Licensed.*

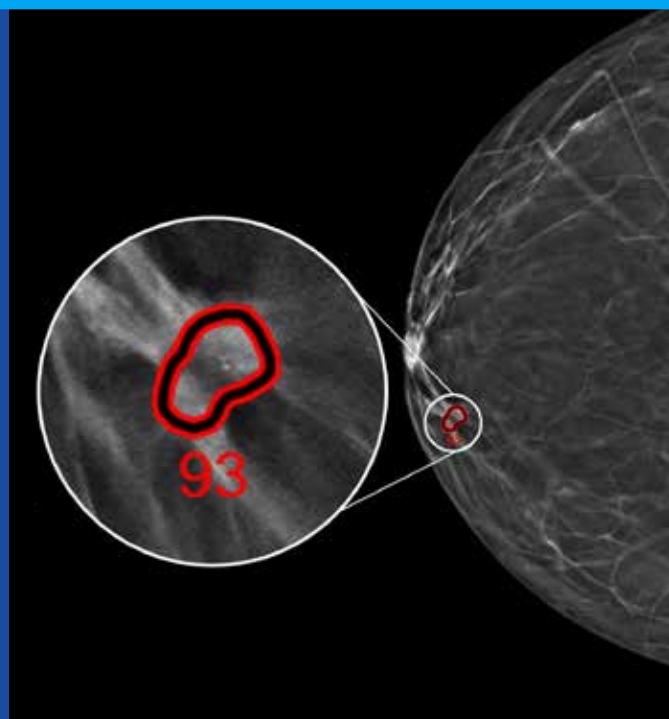
## Discover the Improved Readability in ProFound AI Detection.

### Radiologists Asked. We Delivered.

New features help radiologists quickly identify suspicious lesions by limiting the number of marks on each 3D view, and understand the level of suspicion related to lesions and the case through color-coded scoring ranges.

### Improved Readability on Workstation:

- Limited number of marks
- Color-coded lesion marks
- Color-coded scorecard



### Clinical Results

23% relative increase in cancer detection rate without increasing the rate of recalls.<sup>1</sup>

# ProFound AI Detection v3 Service Pack

## Focus on the most critical lesion marks.

ProFound AI Detection limits the number of marks to three per view\* by default, always marking the highest scoring three lesions. Option can be disabled.

\* With no impact to Specificity and minimal impact to Sensitivity (0%-<0.8% by vendor), based on tests against iCAD's regulatory dataset.

## Quickly assess Scorecard & Lesion Mark insights during exam reading.

**Lesion marks** are scored as low (0-19), intermediate (20-69), or high (70-100) level of suspicion of breast cancer and color-coded on each view.

The **ProFound Scorecard** displays a color-coded Detection, Density, and Risk score<sup>2</sup>, based on installed products, using the same Level of Suspicion range as the lesion scores.

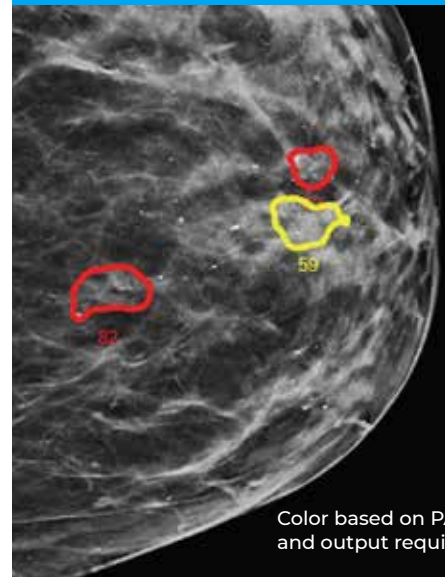
Scoring Ranges removed %-sign from lesion scores and ProFound Scorecard.

### Levels of Suspicion of Breast Cancer\*\*

Levels of Suspicion Scoring Range	Chance of Breast Cancer	Screening Population
<b>Low:</b> 0-19	~1 in 4000	~70%
<b>Intermediate:</b> 20-69	~1 in 400	~28%
<b>High:</b> 70-100	~1 in 5	~2%

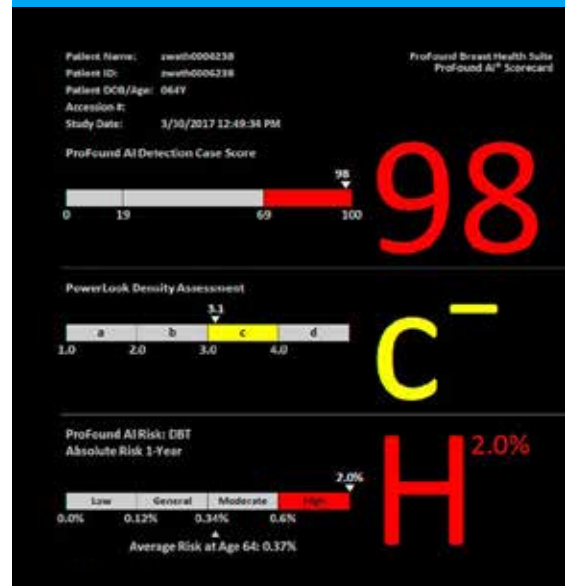
\*\* Suspicion Ranges based on GE gantry data. Range customization available after a clinical review. Based on % of population for each range and the number of cancers in each range in iCAD's regulatory data. Customizable based on your facility's clinical data.

### Max of 3 lesion marks per view



Color based on PACS viewer and output requirements.

### Color-coded Scorecard & Lesions



## Schedule your upgrade to ProFound Detection V3 Service Pack.

Reach out to your iCAD rep or contact [customersuccess@icadmed.com](mailto:customersuccess@icadmed.com) to get started.



**Discovery & Prep**  
1-2 Hours  
Who: iCAD & Customer



**Install & Configure**  
2-3 Hours  
Who: iCAD



**Go Live**  
Start using V3 Service Pack!

#### References:

1. Schilling, K. Presented Research at ECR 2023; Vienna, Austria. 2. ProFound Risk is CE Marked, Health Canada Licensed, and available for investigational use only in U.S.



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