



Annual Users' Conference

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M Resort, Henderson, NV | June 15 – June 18



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Introducing FastScan™ SelfScan™:

Automated Throughput for Modern Labs

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PLM In Vivo Products

Mirion Connect | Annual Users' Conference 2026

Henderson, NV

Introducing FastScan™ SelfScan™:

Automated Throughput for Modern Labs



**Please Scan QR code
to log your attendance for
today's breakout session
(Thursday, June 18th)**

What We Will Talk About

- *What is SelfScan?*
- *SelfScan Workflow*
- *SelfScan Setup and Implementation*
- *Wrap-up*

What is SelfScan?

- *SelfScan is and Automation Option for FastScans and similar non scanning Whole Body Counters.*
- *SelfScan guides individuals through a whole body count, acquires the measurement, and delivers whatever results deemed appropriate by your site.*
- *Can be installed on any FastScan running Apex-InVivo version v1.3 or greater.*
- *Fully Staffed (analysis results **not** automatically evaluated by SelfScan):*
 - *"Your count is complete. Please check in with your HP technician to review"*
- *Semi-Autonomous (analysis results automatically evaluated by SelfScan):*
 - *"Clean"*



Apex-InVivo Counter Workstation

Touch screen flat panel displays

network

Small Windows 11 IoT Industrial PC (Inside an enclosure)



Bar Code reader

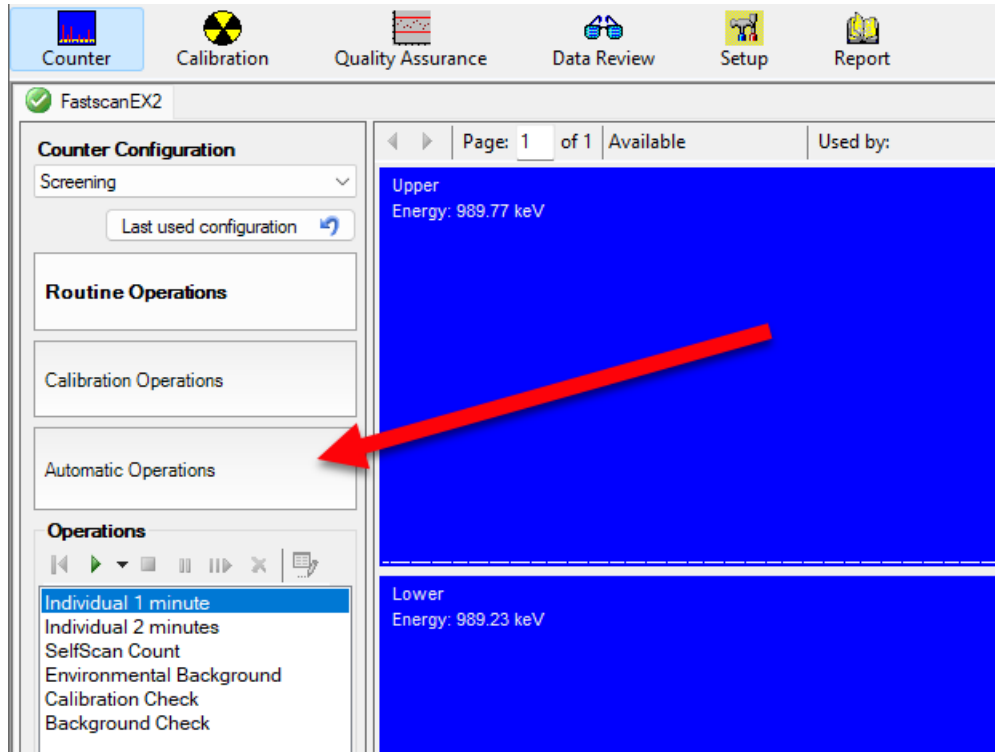
Occupancy Sensor

SelfScan Workflow



- *Operational Workflow*
 - *Automatic Counting*
 - *Routine Counts*
 - *QC Counts*
 - *Data Review*

Switching Between Manual and Automatic Modes Is Quick and Easy



Routine Counts (6-Step Process)

- 1. Individual enters the FastScan and stands in the correct position
- 2. Position is verified using the proximity sensor
- 3. Required information is confirmed and the count starts automatically
- 4. Count proceeds without operator intervention
- 5. Individual exits as analysis begins
- 6. Results are displayed and the system returns to ready state



Ready/Identify



Enter Counter



Position



Count



Analysis



Results

Routine Counts

DEMO



QC Counts

- *QC measurements can be performed with the FastScan in Automatic Mode*
 - *A unique ID is assigned to each QC Count operation*
 - *A barcode tag can be attached/associated with the check source*
- *Systems with temperature stabilized detectors should source check without need for intervention.*
 - *Assumes gains are normalized every month or so.*
- *If a QC measurement does not successfully pass all established tests, Apex-InVivo will return to Manual mode and prevent return to Automatic mode until a successful QC measurement is performed.*

QC Counts

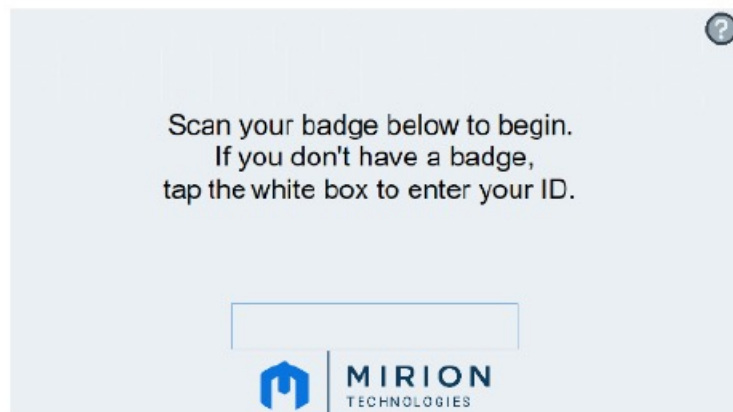
DEMO



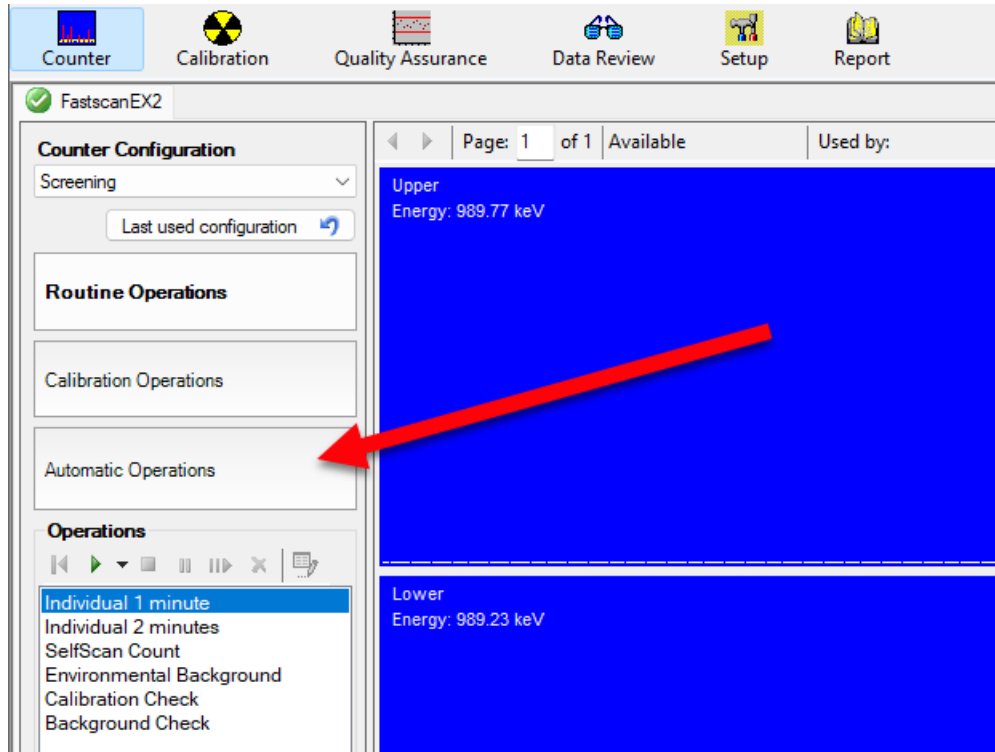
Data Review

- *Apex-InVivo Data review functionality is always available in both Manual and Automatic*
- *Spectra can be monitored during Automatic counting*

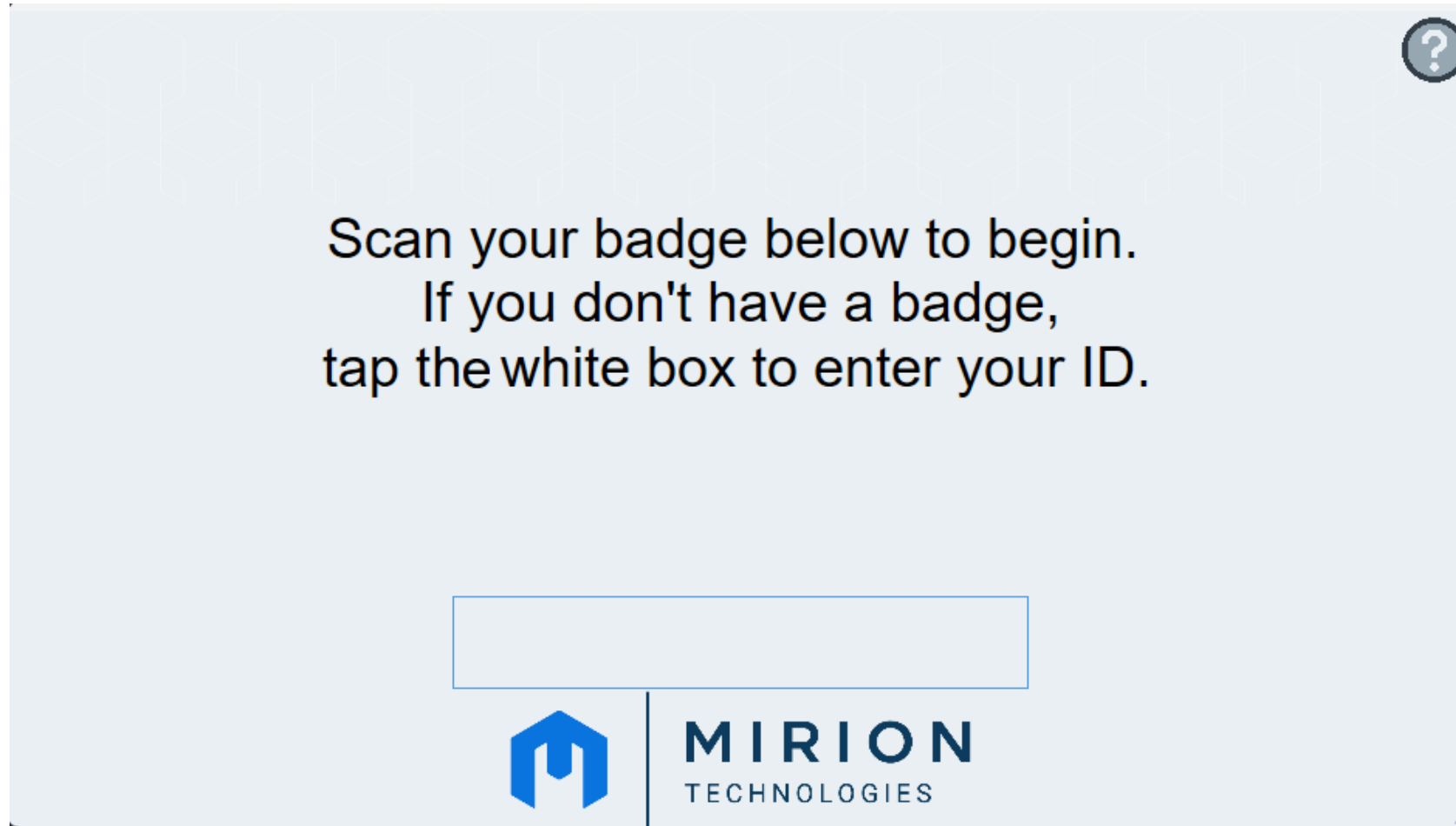
Examples of SelfScan Customizable Screen Prompts.



Switching Between Manual and Automatic Modes Is Quick and Easy



Voice Prompt Example



SelfScan Setup and Implementation

- *Setup and Implementation*
 - *Analysis Checks*
 - *Implementation Philosophy*
 - *Customization*

Available Analysis Checks for Go/No Go (if implemented)

- *Activity $\geq$ Action Level (Evaluated for all nuclides collectively)*
- *Unidentified Peaks in spectrum*
- *No K-40 Identified in spectrum*
- *MDA $>$ minimum required MDA*
- *Detector gross count rate high*
- *Detector gross count rate low*
- *Etc.*

Implementation Philosophy

Wrap-Up

What We Talked About

- *What is SelfScan?*
- *SelfScan Workflow*
- *SelfScan Setup and Implementation*

Thank you for Attending!



*Please take a moment
to fill out a short survey
on this session.*

