What does iAssign do?

• iAssign allows you to quickly and easily make sense of your data
  – Easily assign a user and site to an instrument
  – Know which instrument belongs to each user
  – Know where alarms occurred and when
  – Easily change users
iAssign Tags

- Sticker Tag
- Keychain Tag
- Waterproof Sticker Tag
- Outdoor Tag
## Without iAssign

<table>
<thead>
<tr>
<th>View Graph</th>
<th>Alarm Time</th>
<th>Gas Code Description</th>
<th>Alarm Types</th>
<th>Instrument SN</th>
<th>User</th>
<th>Site</th>
<th>Shared</th>
<th>Equipment Group</th>
<th>Datalog Recording Interval</th>
<th>Datalog Peak Reading</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>3/8/2017 5:29:00 AM</td>
<td>Carbon Monoxide</td>
<td>Low</td>
<td>16041MS-004</td>
<td></td>
<td></td>
<td>Clear this Alarm</td>
<td></td>
<td>10s</td>
<td>58</td>
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<tr>
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<td>16041MS-004</td>
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<td>15</td>
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<td>16041MS-004</td>
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<td>Oxygen</td>
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<td>10s</td>
<td>18.1</td>
</tr>
<tr>
<td></td>
<td>3/8/2017 5:29:10 AM</td>
<td>Carbon Monoxide</td>
<td>High</td>
<td>16041MS-004</td>
<td></td>
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<td>Clear this Alarm</td>
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<td>10s</td>
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<td>16041MS-004</td>
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<td>10s</td>
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<tr>
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<td>10s</td>
<td>18.4</td>
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## With iAssign

<table>
<thead>
<tr>
<th>View Graph</th>
<th>Alarm Time</th>
<th>Gas Code Description</th>
<th>Alarm Type</th>
<th>Instrument SN</th>
<th>User</th>
<th>Site</th>
<th>Cleared</th>
<th>Equipment Group</th>
<th>Datalog Recording Interval</th>
<th>Datalog Peak Reading</th>
</tr>
</thead>
<tbody>
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<td>Panic Alarm</td>
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<td>1605496-001</td>
<td>Jon Pearall</td>
<td>4th Floor West</td>
<td>Clear Alarm</td>
<td>Software Development</td>
<td>10s</td>
<td>15.5</td>
</tr>
</tbody>
</table>
iAssign Tags

• iAssign Tags are used for temporary user and/or site assignments

• Ventis Pro can be set to
  – Clear iAssign tag assignments after: restart, charging, or overwrite
  – Prompt for iAssign tag on startup
  – Warning for no user and/or site

Note: Above Ventis Pro settings require v2.0 firmware
Beacons
iAssign Beacons

- While iAssign tags are passive, iAssign beacons are active
  - Constantly sending data (only sending)
- Site assignment changes automatically when the Ventis Pro enters the range of iAssign beacon
iAssign Beacon – Product Overview

• Automatically assigns site names to Ventis Pro
• Intrinsically safe
• Battery powered with 4 year life
• Indoor or outdoor: IP65 rated
• Communicates via Bluetooth & NFC
  – Bluetooth to communicate with Ventis Pros
  – NFC to configure with iAssign Android app
• 1 year warranty
Access Control

- Access Control (*proximity alarms*) alert users when they do not have sufficient access levels to be in a designated area of the facility
  - Users are assigned access levels using iAssign tags
  - Sites are assigned access levels using iAssign beacons
  - When a *user’s access level (monitor)* is **less than** the *site’s access level (beacon)*, their Ventis Pro monitor will alarm until they leave the area
Examples

8 + 8 → 😊

7 + 9 → 😊

9 + 8 → 😞

7 + 4 → 😞
Programming Tags & Beacons – the iAssign App
Programming your iAssign tag

- Up to 16 characters
- Most Restricted
  - Level 1
  - Level 2
  - Level 3
  - Level 4
  - Level 5
  - Level 6
  - Level 7
  - Level 8
- Least Restricted
- Not Restricted
Programming and using your tag
Programming your iAssign beacon

- Read Beacon
- Configure Beacon
- Set Beacon Mode

Tip: You can scan a beacon at any time to read its contents.

Site

Range Level
1 m (3 ft)
5 m (16 ft)
20 m (65 ft)
30 m (100 ft)

Access Level
Not Restricted
Level 2
Least Restricted
Level 3
Level 4
Level 5
Level 6
Level 7
Level 8
Level 9
Most Restricted

Select PIN for lock
Enter PIN

Up to 16 characters
Beacon Placement
Questions