Our Mission:

Display process data, forms & resources relevant to plant floor equipment instantly on your mobile or wearable device.

What is iQagent Enterprise?

Create Points Of Interest (POIs) for process equipment. Users scan the POIs to display live data, forms and documentation on mobile or wearable devices.

- Scanning a POI will display relevant <u>live</u> data, schematics, manuals, videos, procedures & forms directly on your mobile device.

- Create equipment POIs with iQagent Enterprise, print the POI Code and mount near relevant equipment or process area.

- iQagent users may scan the POI (QR Code) to view relevant data, check schematics, or complete a form on their mobile device.

- iQagent also includes a powerful **Forms Creator**! Create PM & inspection & data entry forms compatible with any browser.

Request Free iQagent Enterprise software

iQagent Enterprise

With iQagent Enterprise, you can:

- Create & organize POIs for your plant floor equipment or process areas.

- Authorized devices scan POIs for instant access to process data and resources.

- Print POI (QR Codes) and place on or near equipment or process area it represents.

- Create forms & digital checklists and quickly deploy for any device browser.

- Send email & push notifications to staff when production needs attention.

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iQagent Enterprise installs on premises on your VM or Server, behind your firewall. No Cloud connection required!

iQagent Points Of Interest (POIs)

POIs provide a link between plant floor equipment and its process data & resources.

- Live process data via OPCDA, OPCUA or ODBC.

- Link to manuals, schematics & other documents located on SharePoint or other URL based Documentation Systems.

- iQagent can also host documents locally if you don't currently have a management solution.

- Link to forms created with iQagent's Form Creator & auto-populate fields with machine data.

- Configure email and push notifications to alert production staff if something needs attention.

- Authorized devices scan codes for instant access to the POI's data points and electronic assets.

iQagent Forms Creator

With iQagent Form Creator, you can:
• Quickly create PM, Inspection or data entry forms and link to POIs so users can fill out & submit from any device browser.
• Our simple interface allows anyone who can use a computer to create powerful forms or work instructions for plant floor users.
• Drag and Drop radio buttons, dropdowns, checkboxes, calendars, textboxes and other familiar controls directly onto your form.
• Prepopulated fields, Embedded images, videos, even _live_ process data to simplify form submissions and prevent entry errors.
• Use _display rule_ logic to show or hide form fields based on users' previous responses or send emails to staff when form submitted.
• Submitted form data resides in SQL Server in your plant.
• iQagent Forms App allows you to complete forms one step at a time. Save your place & return, even when _offline_!

In House. Drag & Drop. No Coding. No Subscriptions. Any Standard Browser. You're Welcome.

The iQagent Forms App

- **Companion app to iQagent Enterprise apps (IOS, RealWear)**
- Complete iQagent forms <u>offline</u> or in the field
- **Step through form elements, one at a time**
- Upload completed forms to iQagent Server

1/19/2023   6
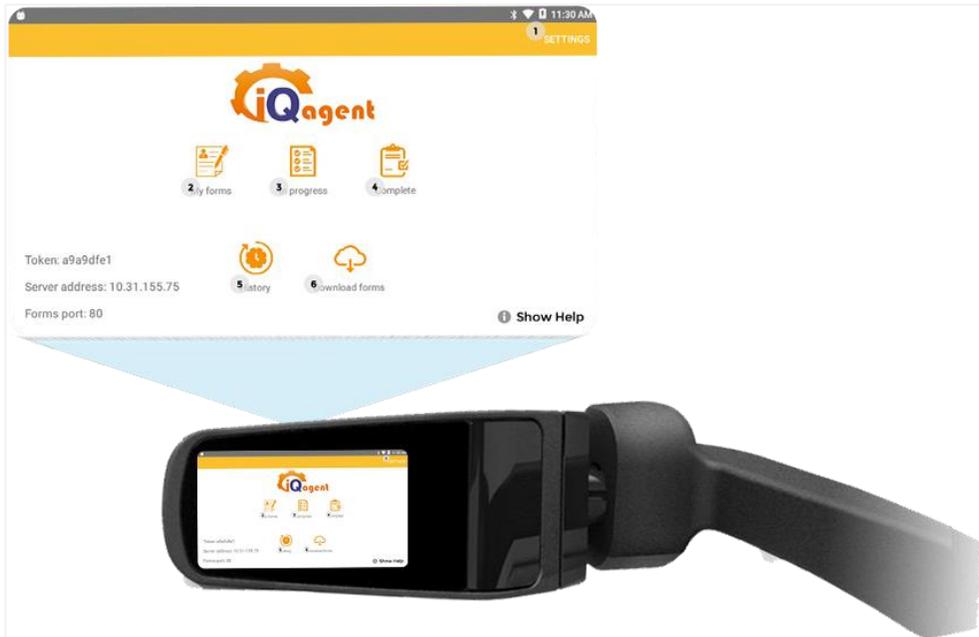
iQagent email & Push Notifications for IOS & Android

With iQagent email & push notifications:
• Notify critical plant floor staff when production needs attention.
• Notification rules compare process data with a target value: *Greater Than, Less Than, Equal To, Does Not Equal, Change by Value*.
• Notify users by email, mobile push notifications, or both.
• Create notification Groups to notify all required staff at once.
• Send email when a form submission requires maintenance, engineering or management attention.
• iQagent notification rules support OPCUA, OPCDA, or ODBC Data.
• Tapping notification opens iQagent to the appropriate Point Of Interest, giving staff relevant data & resources to fix the problem.

R Steps   Admin

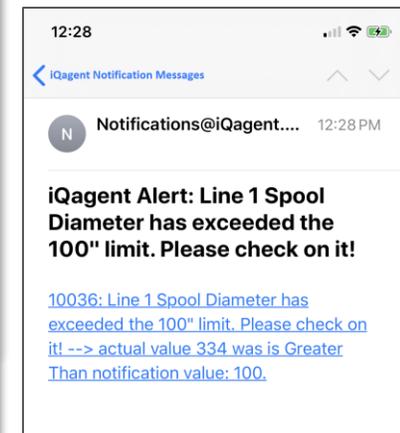**Edit Notification for Data Point 'Spool Diameter'**   ×

Notify Users when actual value: **Operator**   **Value**

> ∨   100

Notify users in Group:

QA Inspectors   ∨

Notification Message:

Line 1 Spool Diameter has exceeded the 100" limit. Please check on it!

Update Notification   Cancel

Tag2 (OPC)   🔔   > 55   Used to test notification

Inspection Fail   🔔   = 5   Widget failed acceptan

‹ 1 ›

10 Items per Page ∨

T-Mobile

12:25
99% Charged

IQAGENT   now
iQagent Alert: Line 1 Spool Diameter has exc...
QA Inspectors.Notification.ID.10036: Line 1 Spool Diameter has exceeded the 100 limit. Please check on it! Current value 334 is Greater Than 100.

Mobile push notification

12:28

‹ iQagent Notification Messages   ∧ ∨

N   Notifications@iQagent....   12:28 PM

iQagent Alert: Line 1 Spool Diameter has exceeded the 100" limit. Please check on it!

10036: Line 1 Spool Diameter has exceeded the 100" limit. Please check on it! --> actual value 334 was is Greater Than notification value: 100.

Notification email with link

Notify plant engineers and maintenance staff when production equipment needs their attention!

iQagent apps run natively on these devices:
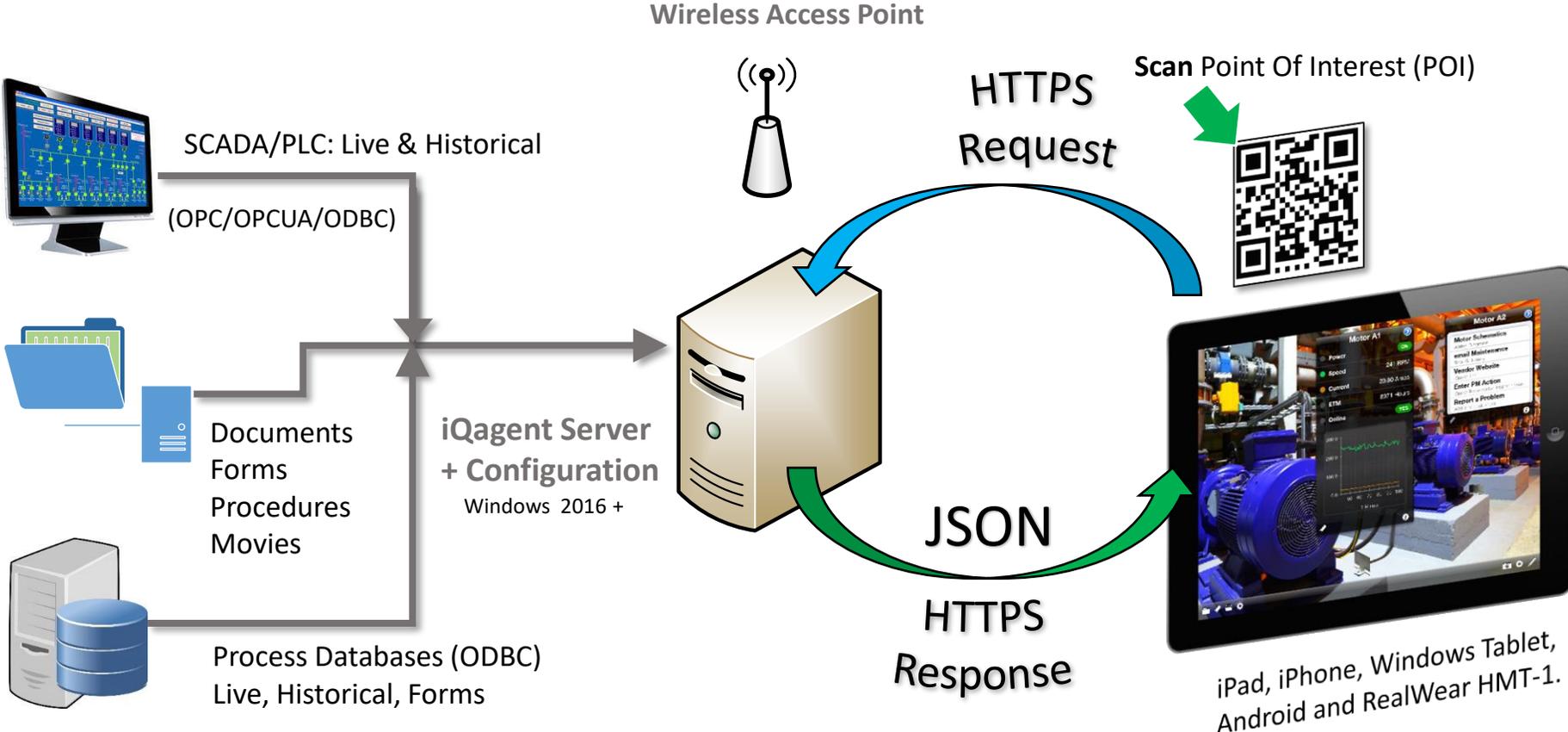

iPad

RealWear HMT-1

iPhone

Android

Windows 10

iQagent Architecture

We use standard interfaces to access existing plant data and resources.

Wireless Access Point

SCADA/PLC: Live & Historical

(OPC/OPCUA/ODBC)

Scan Point Of Interest (POI)

HTTPS Request

Documents
Forms
Procedures
Movies

iQagent Server + Configuration
Windows 2016 +

JSON
HTTPS Response

Process Databases (ODBC)
Live, Historical, Forms

iPad, iPhone, Windows Tablet, Android and RealWear HMT-1.

![iQagent logo](Practical Augmented Reality for the plant floor)

iQagent

Practical Augmented Reality for the plant floor

Next Step: Get your questions answered!

Schedule a demo

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Send us an email

Ask a Question

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