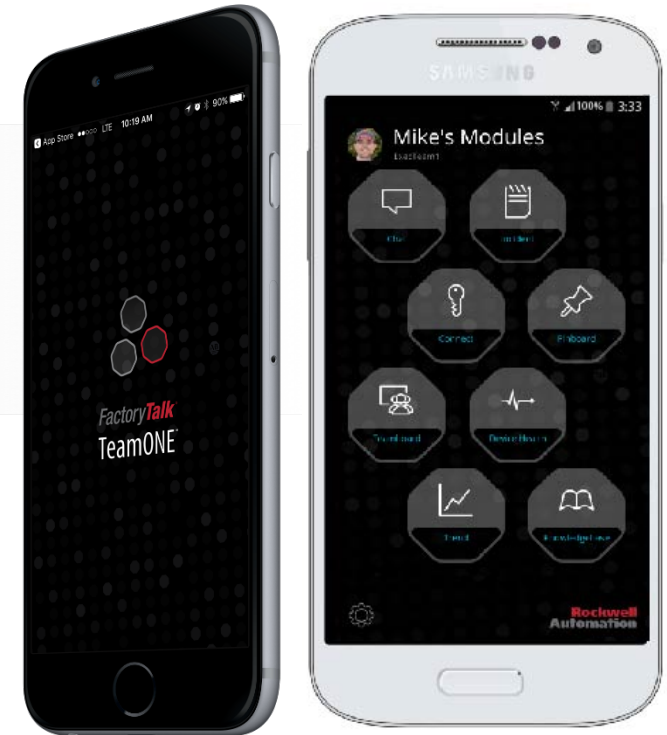


LISTEN.  
THINK.  
SOLVE.®

# FactoryTalk TeamONE

Improve productivity for every industrial worker



v3



PUBLIC

 Allen-Bradley • Rockwell Software

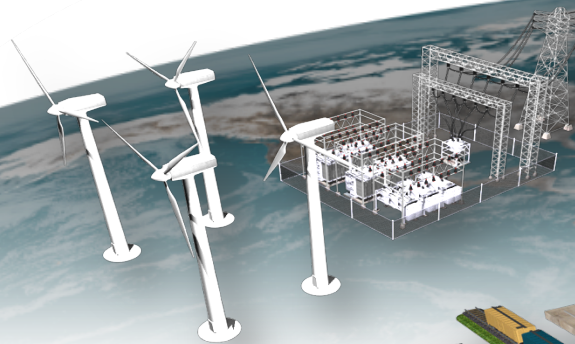
**Rockwell  
Automation**

# THE CONNECTED ENTERPRISE

Headquarters



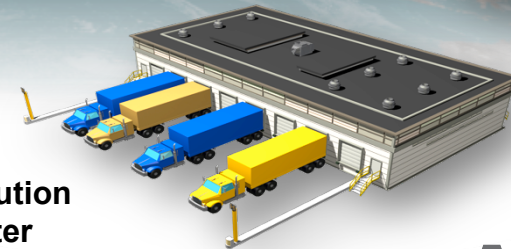
Smart Grid



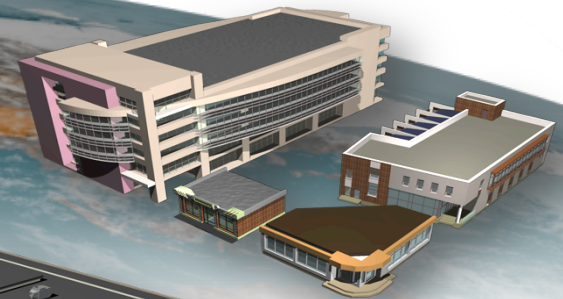
Supply Chain



Distribution Center



Customers



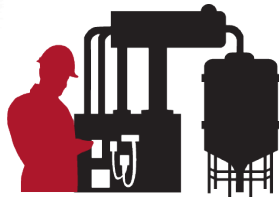
**Rockwell  
Automation**

# Who has the maintenance mindset?



CONTROL  
ENGINEER

**Creates or maintains content**



OPERATOR

Control room or operator station  
**Access mobile information** when away from fixed HMI



MAINTENANCE  
ENGINEER

Access information when **troubleshooting or repairing equipment**



PLANT  
ENGINEER

Needs to **achieve production goals**



PLANT IT

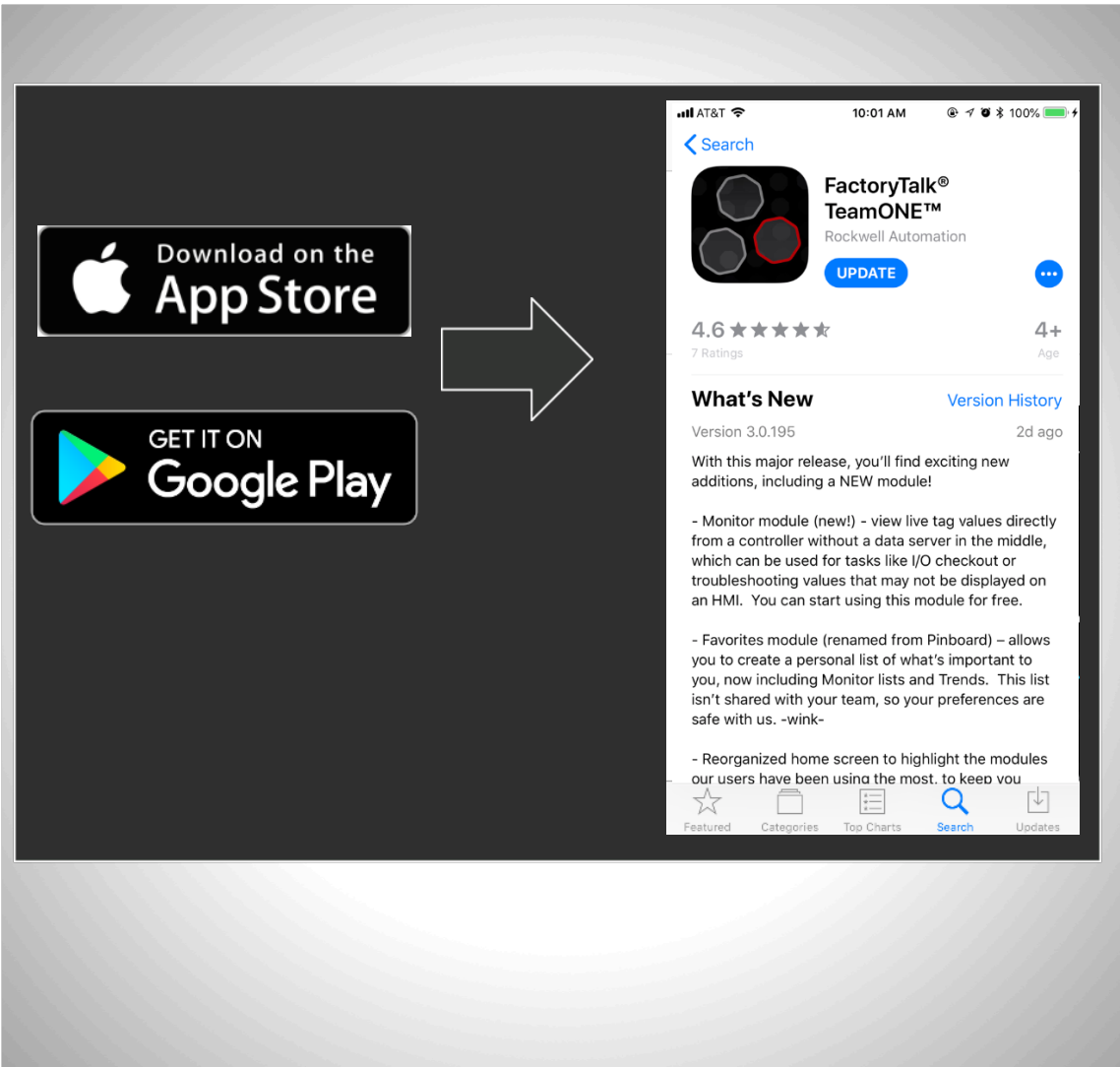
**Designs the network infrastructure** and computer maintenance



MANAGEMENT

**Monitoring of production levels, system status or uptime / downtime info**

# FactoryTalk TeamONE: Download and Setup in Minutes



## Overview

- FREE to get started
- Download from Apple App Store or Google Play
- Login – using Knowledge Base ID (Single Sign on)
- Create teams based upon common information needs

## Benefits

- Collaborate with team members in real time
- Assess Ethernet/IP CIP enable devices real time
- Pinpoint problematic devices faster to address downtime
- Proactively address issues to keep production running

Human Data

# FactoryTalk® TeamONE™

Device Data

Download on the App Store

GET IT ON Google Play

Rockwell Automation



Are you using wireless in your operations?



**Plant network**



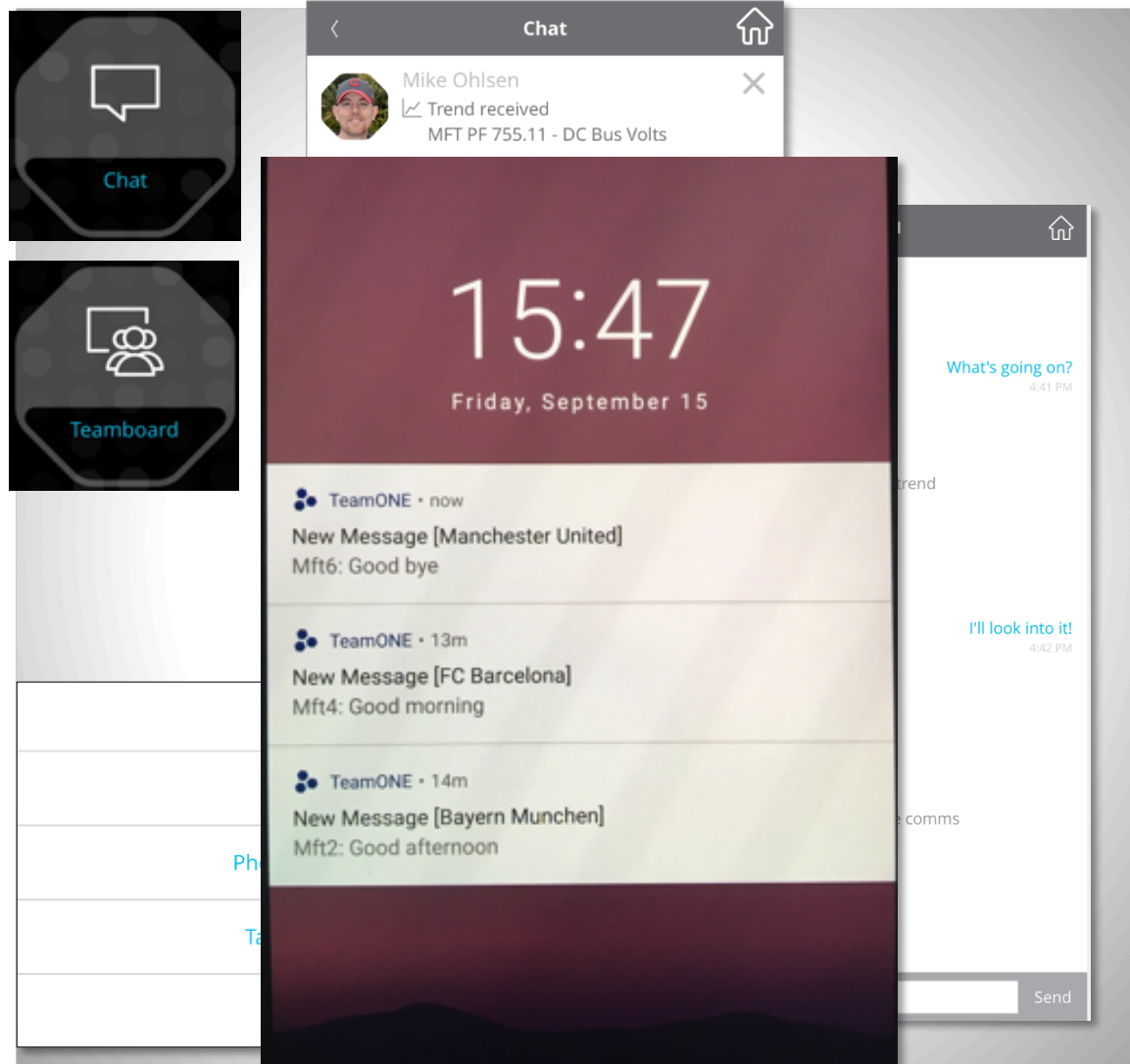
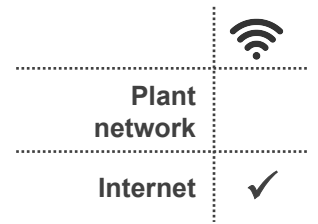
**Needed for device connectivity**

**Internet**



**Needed for collaboration**

# Collaborate and Investigate On-the-go



## Overview

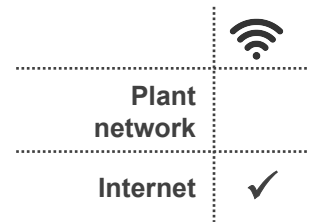
- Share information
- Collectively determine solutions

## Benefits

- Secure, real time notifications
- Chat one on one when it makes sense
- Teamboard allows group communication
- Leverage experts not near machinery

*AND MORE than the average group texting app*

# Be a Member of Multiple Teams



Jennifer's Modules  
Troubleshooting Team | STANDARD EDITION

Select or Add a Team

- DEMO\_RemoteAccess1  
Commercial Engineering remote demo equipment  
Already a member
- Sales Demo  
Sales Demo team  
Already a member New Update
- SuperTeam  
Only the bravest shall prevail. Keep fighting, never quit until the race has been won!  
Already a member

## Overview

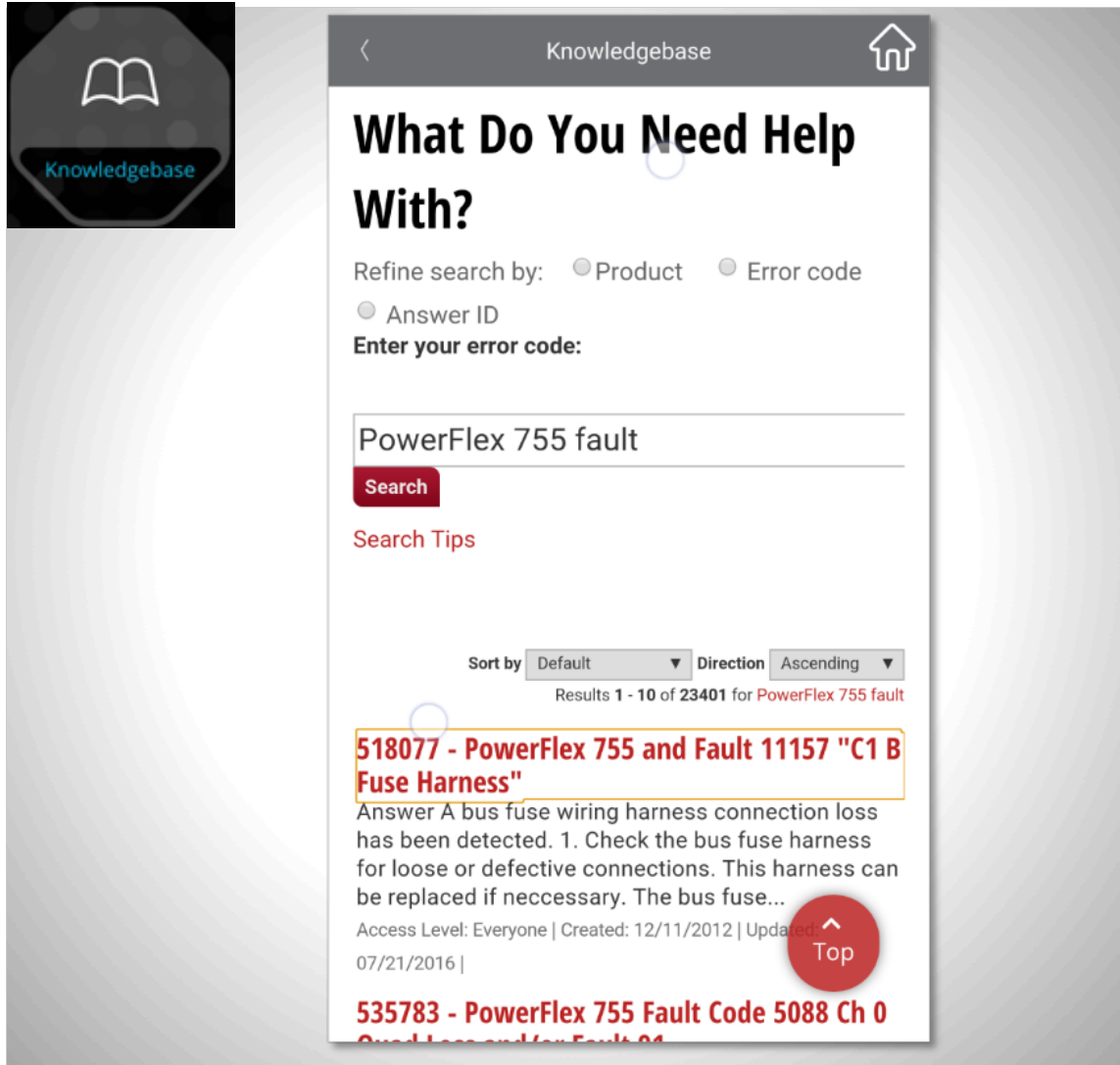
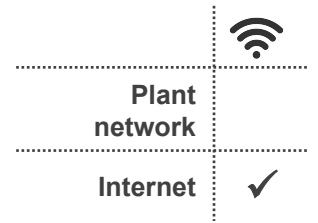
- Small teams are ideal
- Focus on a common interest
- Receive team based notifications from all teams

## Benefits

- Quickly switch between teams
- Collaborate with different people on different projects
- Keep information organized towards common objectives



# Search Knowledgebase Articles On-the-go



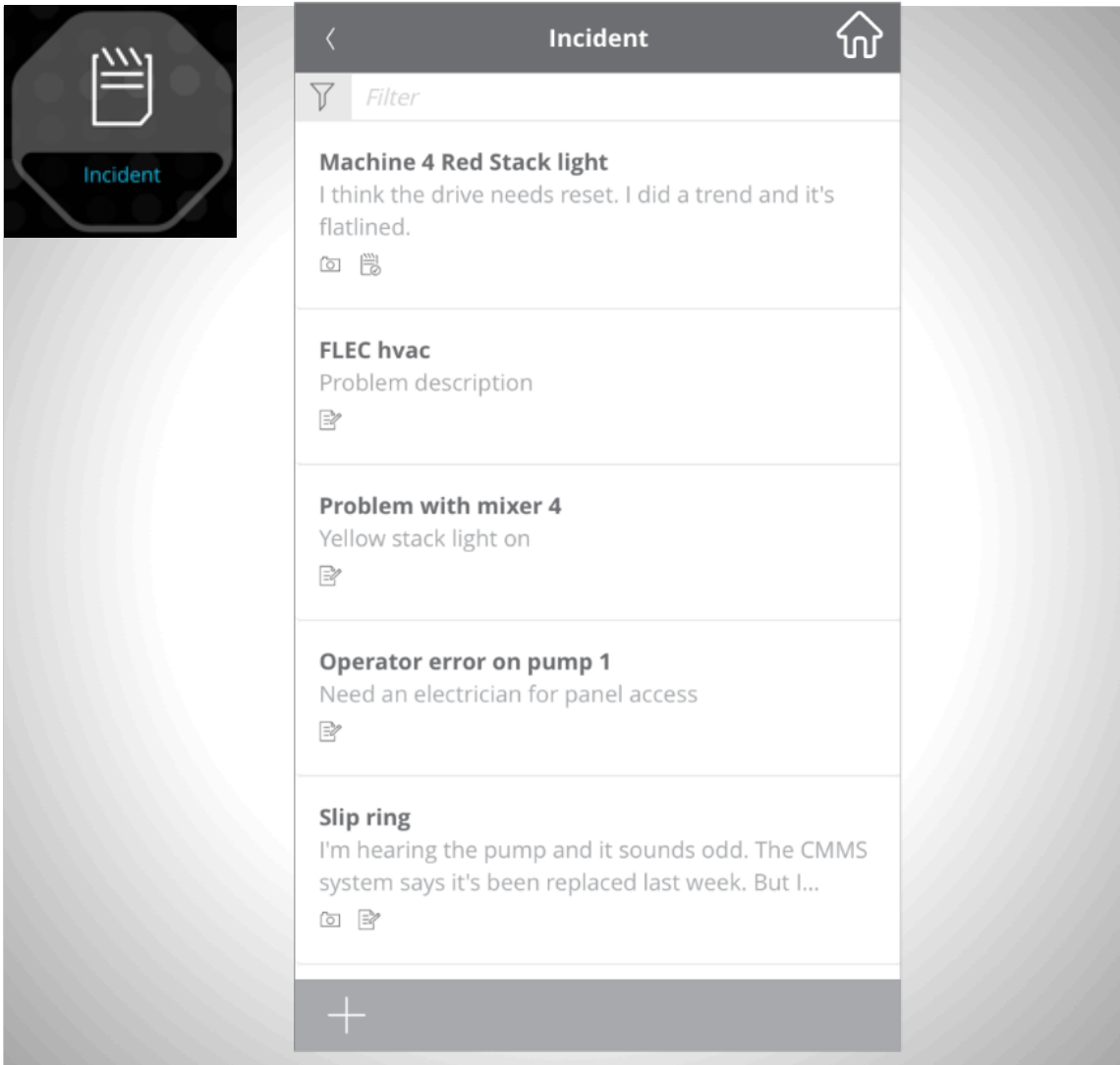
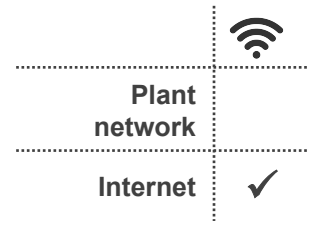
## Overview

- Access Knowledgebase directly from TeamONE

## Benefits

- No need to exit the app
- No URL to google or remember
- Quickly reference KnowBase Articles
- No additional log in required with single sign on

# Document Incidents On-the-go



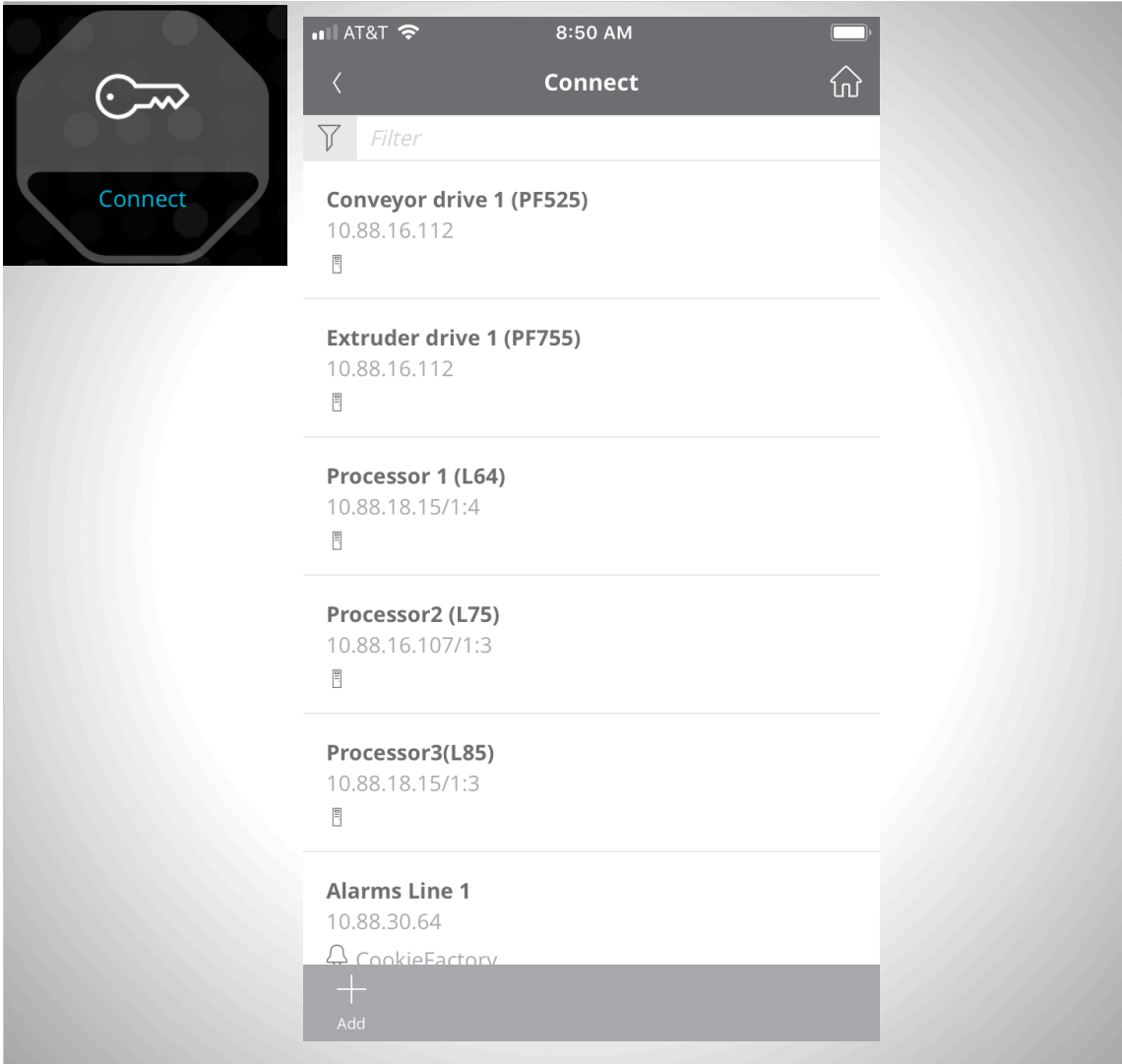
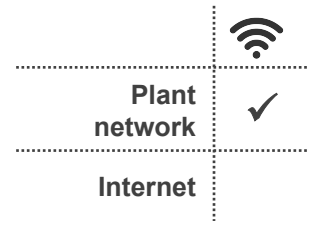
## Overview

- Document problem(s)
- Use as electronic notepad

## Benefits

- All team members can view / edit
- Photo and images can be saved per incident
- Relevant information stays together!
- Saves indefinitely for historical reference
- Can leverage as a favorite for quick reference!

# Make Connections with your Devices On-the-go



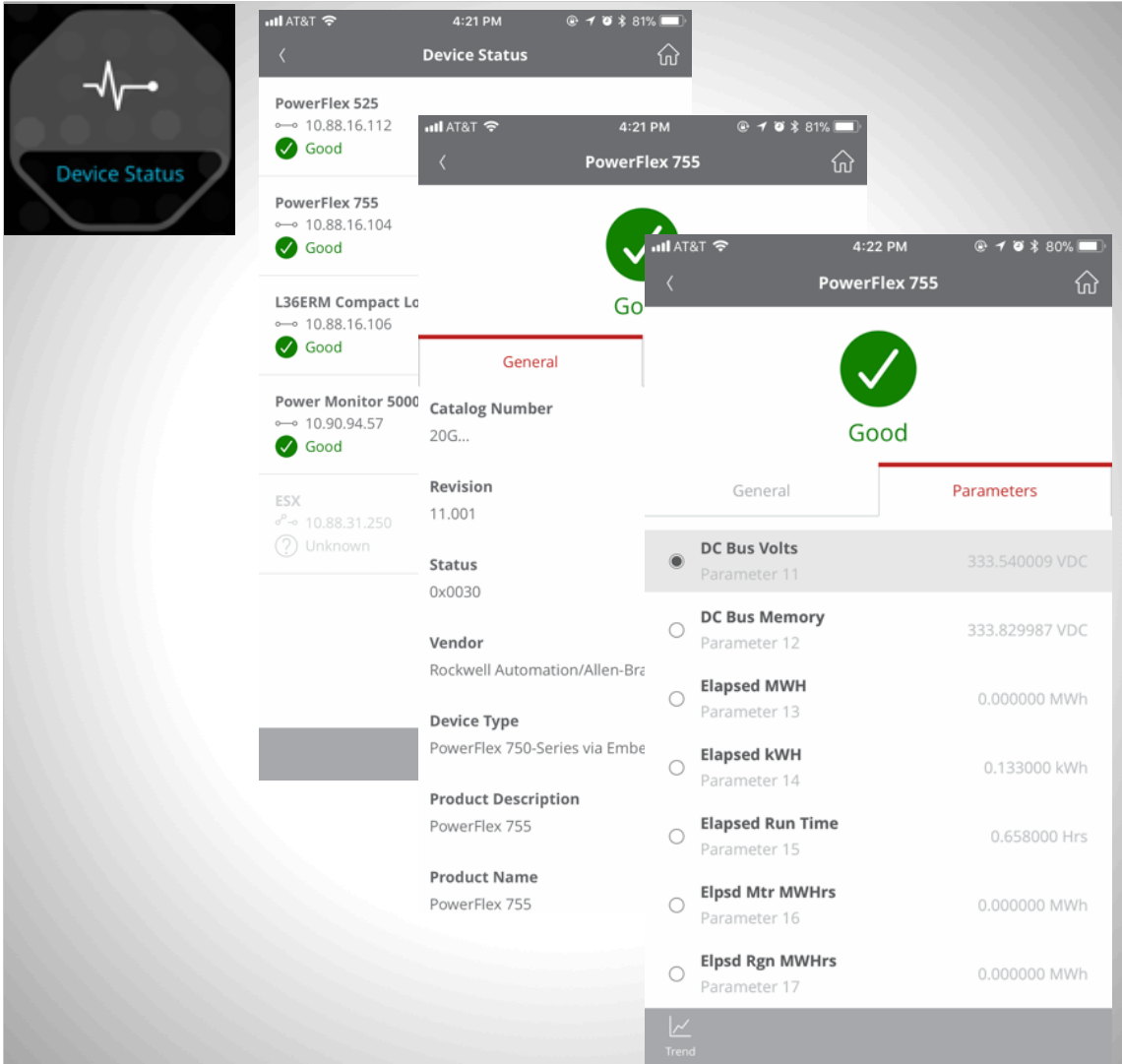
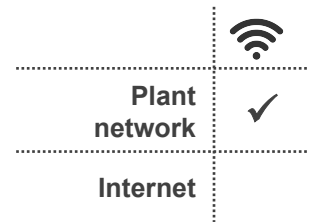
## Overview

- Devices become part of the team
- Connect directly to any CIP devices – even 3rd party

## Benefits

- One time set up per device per team
- All team members can access device information
- Reduce need for a PC server, gateway, or OPC server

# Get Device Status Instantly



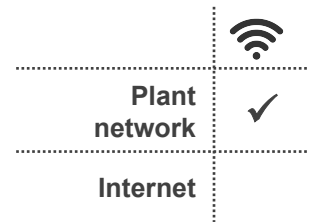
## Overview

- Device Status for any Ethernet/IP CIP Device
- Learn device faulted/not faulted, on/offline state
- PF755 and PF525 access any drive parameter

## Benefits

- Real Time Information!
- Quickly pin point problematic devices
- Troubleshoot without suiting up in PPE
- Reduce need for a PC server, gateway, or OPC server

# Trend Data Directly in the Mobile Platform



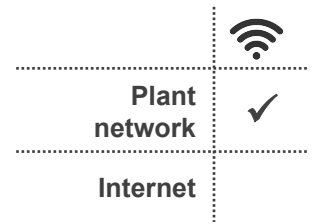
## Overview

- Real time troubleshooting
- Maintain 1 minute historical view
- Trend up to 5 parameters simultaneously
- Including PowerFlex 755, 525 and controller parameters / tags

## Benefits

- Real Time Information!
- Quickly pin point problematic devices!
- Troubleshoot without suiting up in PPE!
- Reduce need for a PC server, gateway, or OPC server

# Monitor Controller Tag Values



The screenshot shows the 'Monitor' app interface. On the left, there is a 'Monitor' button with a magnifying glass icon. The main screen displays a list of monitor groups: 'Mixer' (4 tags), 'Oven' (4 tags), 'Loader' (4 tags), and 'Wrapper' (4 tags). Below this list is an 'Add' button. A text box on the left says: 'Keep an eye on your control system. To monitor a customized set of data, create a monitor group. Tap the + icon below to create one.' On the right, there are two detailed views of monitor groups. The top one is for the 'Mixer' group, showing 'Mixer Controller' (192.168.1.21) with tags: MachineState (DINT, 1), Mixer\_TON.ACC (DINT, 36721), Material\_Level (REAL, 12.24), and PFS25\_Drive:1.Ready (BOOL, 0). The bottom one is for the 'Oven' group, showing 'Oven Controller' (192.168.1.22) with tags: Oven\_ton.acc (DINT, 291127). Both views have '+ Tags' and 'Device' icons. At the bottom, there is a navigation bar with 'OK', 'Cancel', 'Device', 'Favorite', and 'Delete' icons.

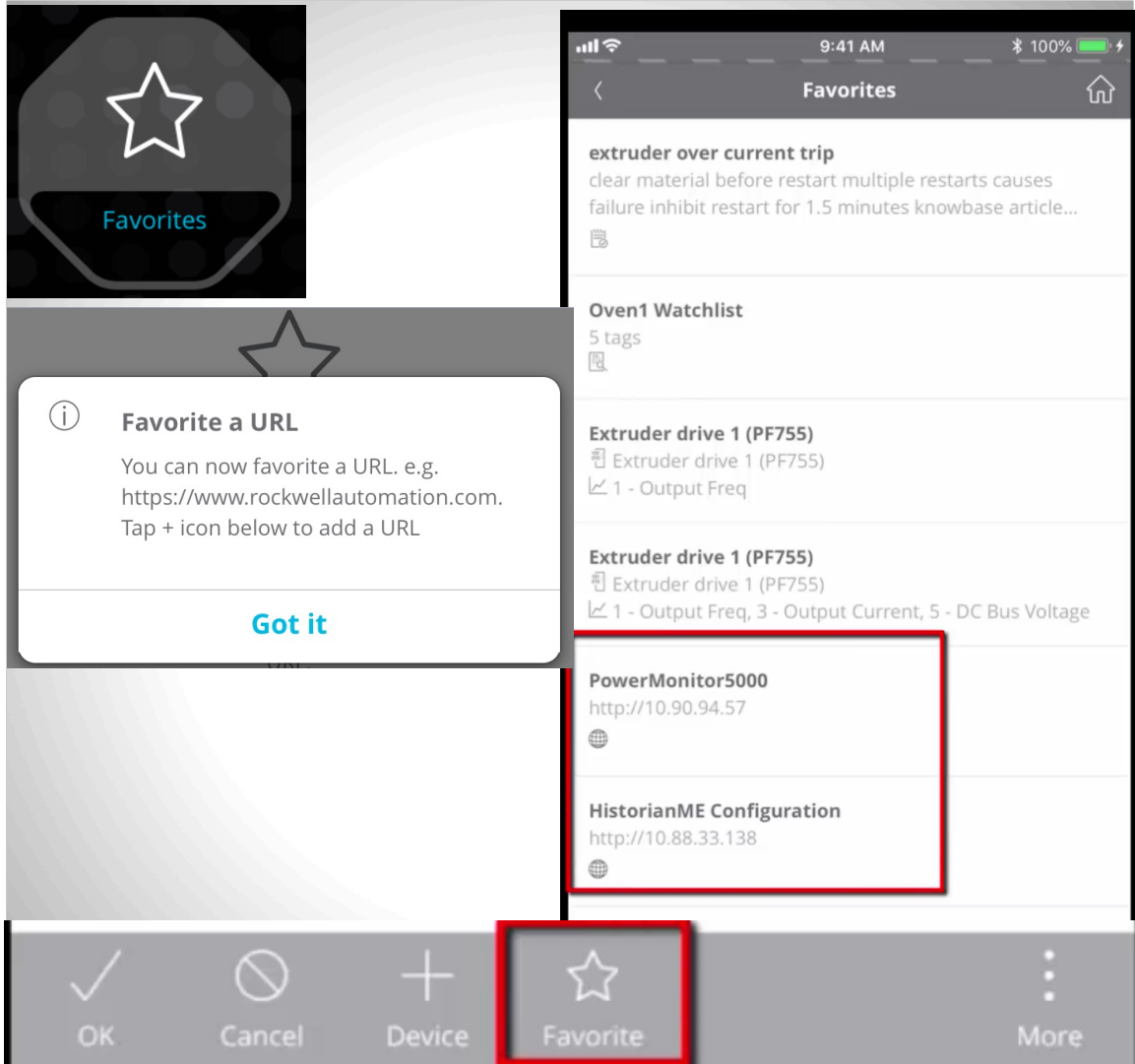
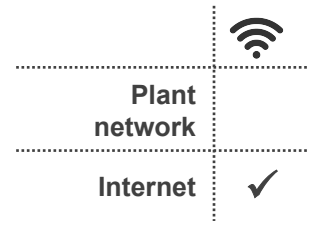
## Overview

- Create unlimited tag watchlists
- Read-only connection to controller data
- For use with ControlLogix and CompactLogix
- FAQ - See [AID 1074493](#) in RA Knowledgebase.

## Benefits

- Real Time Information
- Monitor process variables on a mobile device.
- Troubleshoot without suiting up in PPE!
- Reduce need for a PC server, gateway, or OPC server

# Star your Favorite Information



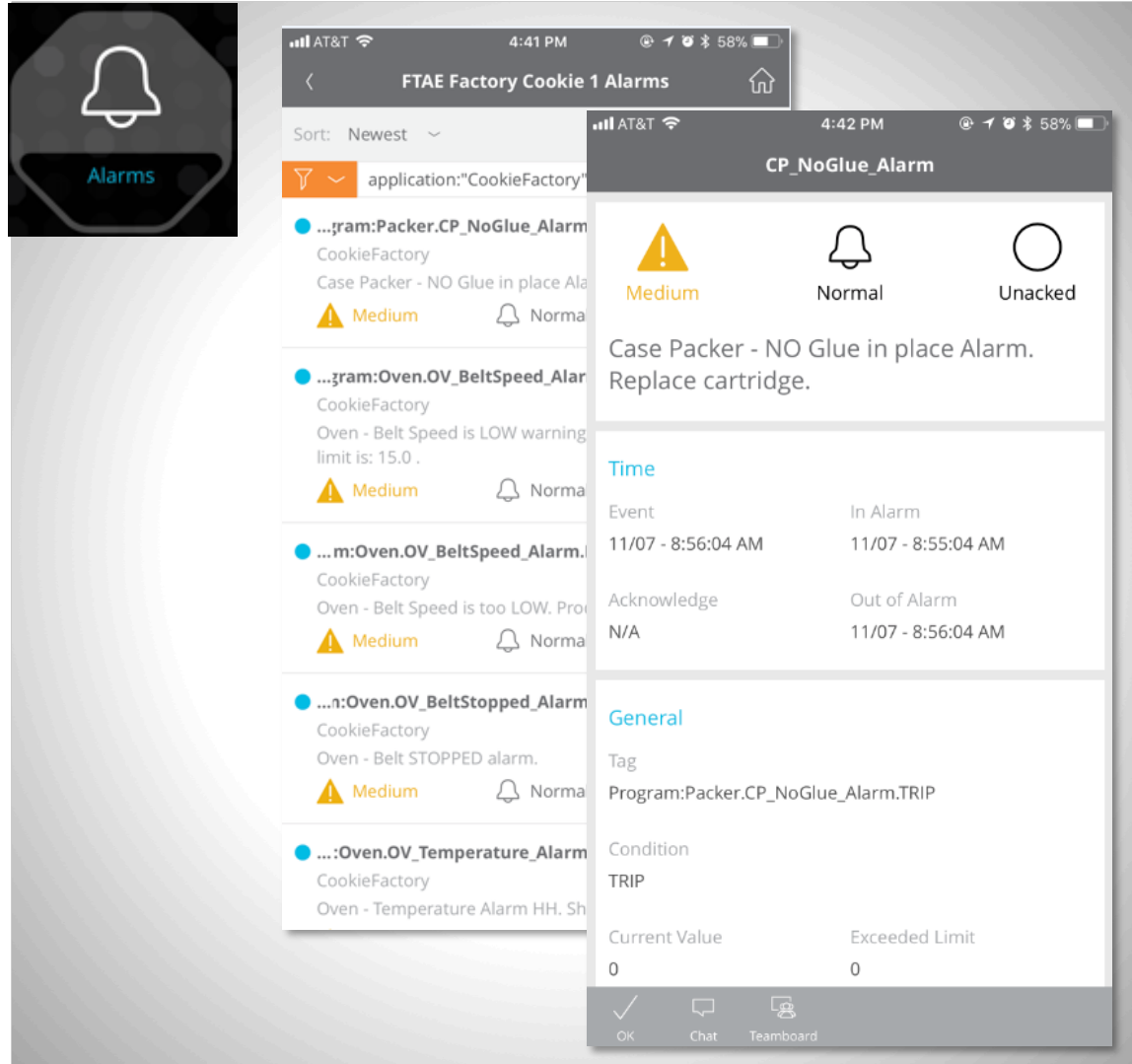
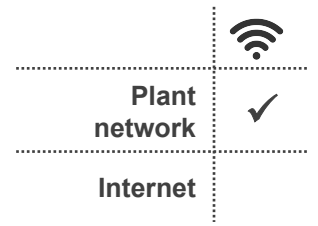
## Overview

- Add favorites directly from the module
- Add a custom URL to your favorites list.

## Benefits

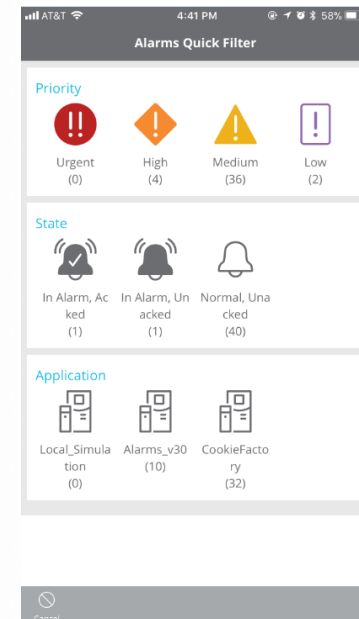
- Quick reference of your favorite content
- No need to search through the app to find something, including Knowledgebase articles.
- Access external web content!
- Including User Manuals, MES Dashboards, Web-Based HMI.

# Alarm Status On-the-go



## Overview

- Connect to a FactoryTalk Alarms and Events server and see alarms from one or more applications.
- Optimized mobile interface.
- Quick filter by priority, state, or application.
- See complete alarm details.



## Benefits

- Quickly see active alarm states for many applications at once.
- Post and share alarms with your team to help document problems and troubleshoot.



# HAVE YOU HEARD OF SHELBY?

*FactoryTalk*<sup>®</sup> Analytics  
for Devices



MONITOR & INTERACT WITH IIoT DEVICES, IMPROVE PLANT HEALTH



**DETECT**  
your smart  
devices,  
automatically



**DIGITIZE** the  
data, allowing  
work to be  
done

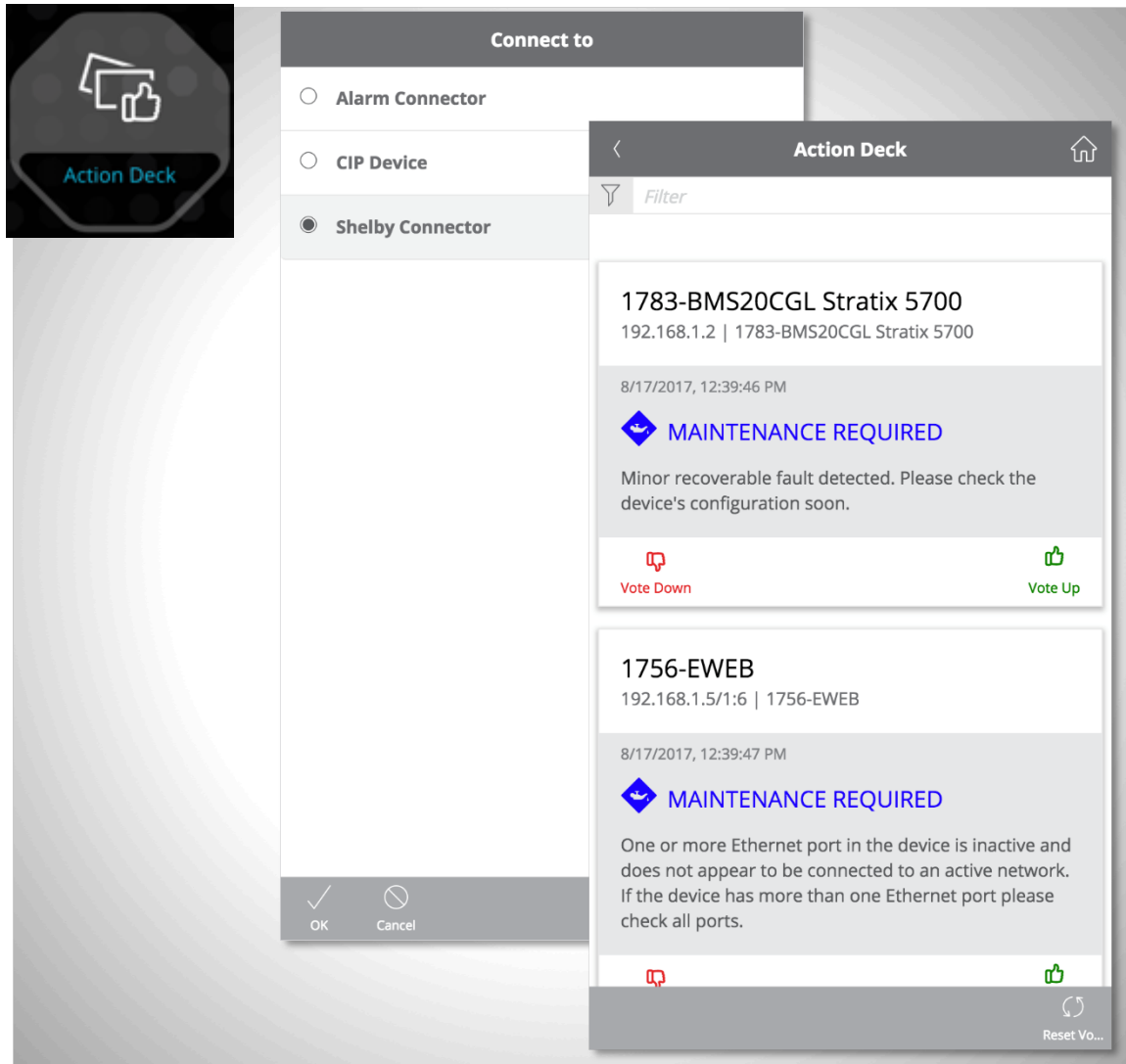
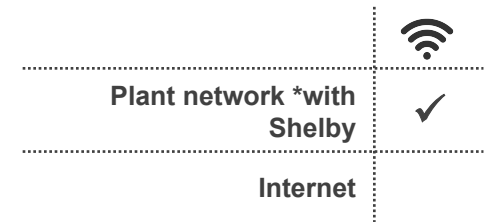


**ANALYZE** the data  
perform  
calculations,  
transform the data



**ACT** on information,  
get to the right  
people, on the right  
device

# Device Health Diagnostics On-the-go



## Overview

- Access Action Cards real time
- Collaborate with team using action cards
- Swipe right / swipe left machine learning capability

## Benefits

- Integration with FactoryTalk Analytics for Devices
- Mobile access to device health diagnostics
- With machine learning, its about content you like to see



What option can you implement today or tomorrow for a phased approach?

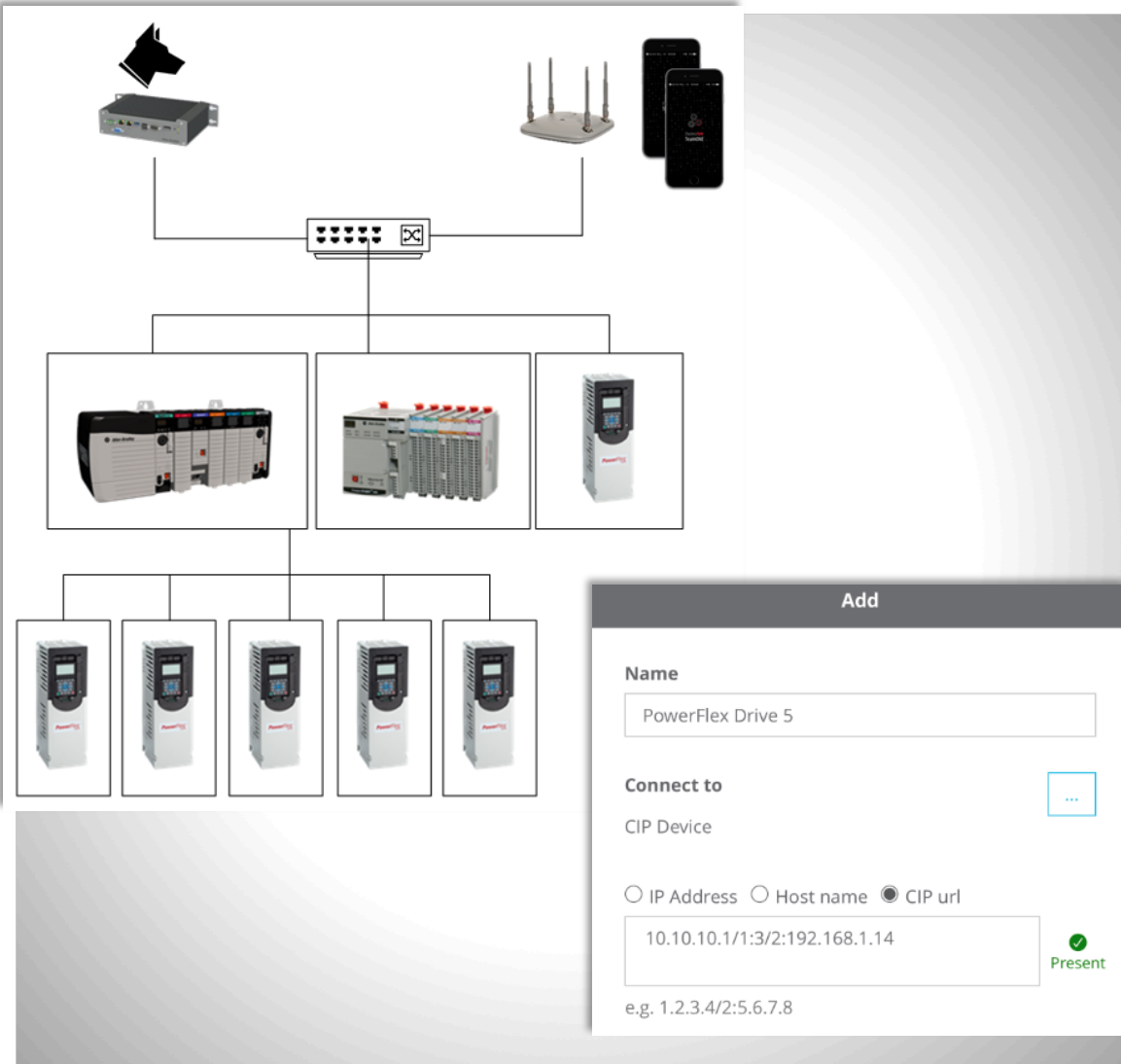
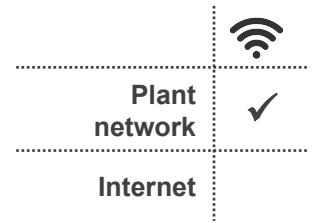
<i>HUMAN COLLABORTION ONLY</i>		<i>DEVICE COLLABORTION ONLY</i>		<i>HUMAN / DEVICE COLLABORTION SIMULTANEOUSLY!</i>	
<b>Plant network</b>	?	<b>Plant network</b>	✓	<b>Plant network</b>	✓
<b>Internet</b>	✓	<b>Internet</b>	?	<b>Internet</b>	✓

*Don't yet  
have wireless access  
to controls network*

*Wireless access to controls  
Network but IT hasn't approved  
access to internet*

*IT approves  
secure wireless connectivity*

# Network Hop Configuration



## Overview

- Are your devices on a private control network without wireless and mobile phones can't access them?
- Navigate to the device over the ControlLogix chassis backplane using standard CIP URL addressing.
- See [AID 1071889](#) in RA Knowledgebase.

## Benefits

- No need to add wireless access points to every control network subnet.
- Friendly verification as you type in the address.

A screenshot of the configuration interface showing three radio button options: 'IP Address', 'Host name', and 'CIP url'. The 'CIP url' option is selected. Below the options is a text input field containing '10.10.10.1', which is highlighted with a green checkmark and the word 'Present'. Below the input field is the example text 'e.g. 1.2.3.4/2:5.6.7.8'.



# BUT WHAT ABOUT MY NETWORK?

The screenshot shows the Rockwell Automation website interface. At the top, there is a navigation bar with the Rockwell Automation logo, a search icon, and a language dropdown set to 'United Kingdom (English)'. Below this is a main navigation menu with categories: Industries, Capabilities (highlighted), Products, News, Events, Sales & Partners, and Support. Under 'Capabilities', there is a sub-menu for 'Industrial Networks' which includes Architectures, Pre-engineered Network Solutions, Products, Services, and Resources. The main content area features a large banner for 'INDUSTRIAL NETWORKS DESIGN GUIDES' with the subtitle 'Proven Architectures with Design and Implementation Guidance'. Below the banner is a breadcrumb trail: Home > Capabilities > Industrial Networks > Resources. To the right of the breadcrumb are 'Share' and 'Print' icons. The main text describes the collaboration between Rockwell Automation and Cisco to develop Converged Plantwide Ethernet (CPwE) Architectures, providing reference architectures and design guides. A sidebar on the right highlights 'INDUSTRIAL CPwE WHITEPAPERS' and lists 'Network Whitepapers'. At the bottom of the page, there are 'FILTER & REFINE' and '14 RESULTS' indicators.

[https://www.rockwellautomation.com/en\\_UK/capabilities/industrial-networks/technical-data](https://www.rockwellautomation.com/en_UK/capabilities/industrial-networks/technical-data)




# Designing your Network



## Cloud Connectivity to a Converged Plantwide Ethernet Architecture

Application Guide

April 2018



## Deploying Identity and Mobility Services within a Converged Plantwide Ethernet Architecture

Design and Implementation Guide

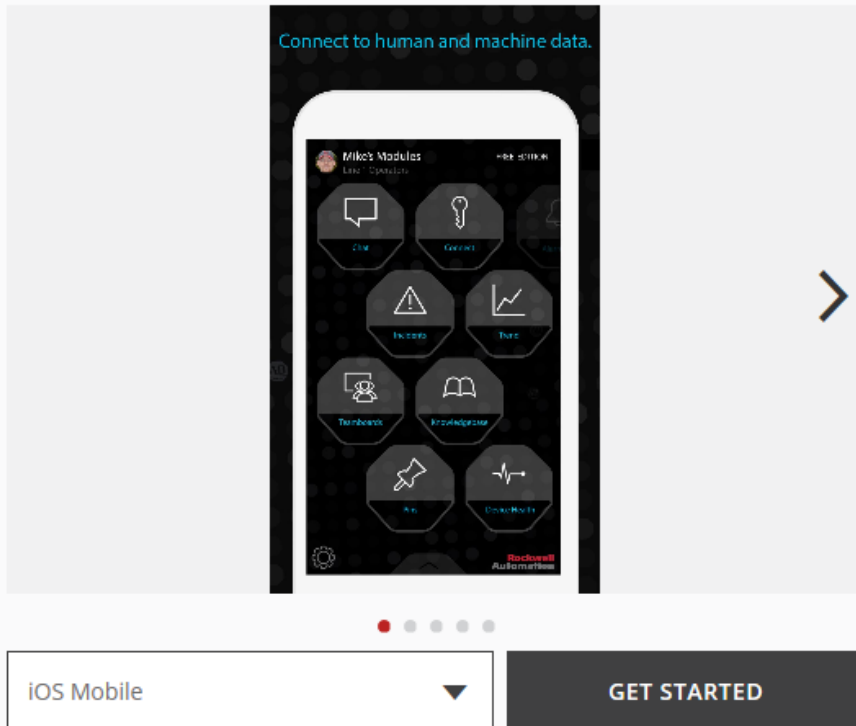
February 2018

[Literature Library Document: ENET-TD014A-EN-P](#)

[Literature Library Document: ENET-TD008B-EN-P](#)



App Store > FactoryTalk® TeamONE™



☆ SAVE TO MY APPS



FactoryTalk® TeamONE™  
Operations & Maintenance

### Description

FactoryTalk® TeamONE™ enables value for every industrial role by breaking through all barriers of friction for industrial users to be more productive. With ease of use, collaboration & offline/on-site sync as the core pillars; FactoryTalk® TeamONE™ delivers the ability for industrial users to be more productive anywhere on the factory floor. FactoryTalk® TeamONE™ comes with a series of modules within a single app that perform enable collaboration in context with automation data by way of specific functions like knowledgebase, incidents, chat and teamboard - all of which instantly after your download. Once you connect the app into your plant floor networks, additional device centric modules can be used like trending, connect & devi...

[READ MORE](#)

[Learn more about FactoryTalk® TeamONE™](#)

### Support

TeamONE Email Support  
[Support Website](#)  
[ramobilesupport@ra.rockwell.com](mailto:ramobilesupport@ra.rockwell.com)

### Purchase

[Buy FactoryTalk® TeamONE™ Subscription](#)

### Languages


English

### Requirements

Android 5.0 or later  
iOS 9 or later

## Free Edition

## Standard Edition

Unlimited Number of users		
Core Collaboration Modules (Chat & Teamboard)		
Monitor Tags from a ControlLogix or CompactLogix controller		 Enhanced with unlimited, multi-controller watchlists
Basic Device/Process Investigation Modules (Device Status & Trend)		 Enhanced Trend with multi-pen
Shelby Action Deck Module**		
Alarm Module*		
Multi-Team Support & Quick Switch		
Commitment Term & Pricing	Free, no subscription or contract required	Per year, per user subscription

For comprehensive list, see [AID 1034398](#) in RA Knowledgebase.



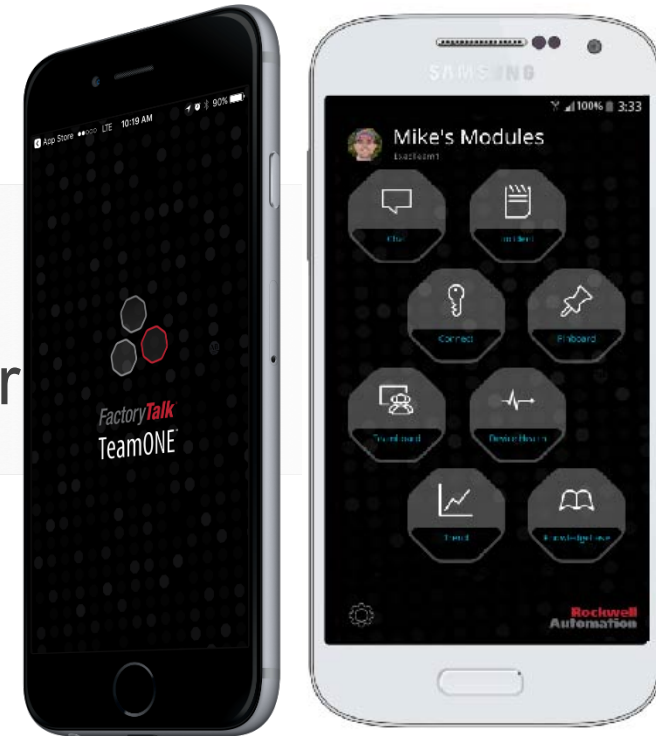
Thank You!

LISTEN.  
THINK.  
SOLVE.®

# FactoryTalk® TeamONE™

Improve productivity for every industrial worker

Your feedback is important  
Contact the dev team directly at [www.33seconds.io](http://www.33seconds.io)



PUBLIC

 Allen-Bradley • Rockwell Software

**Rockwell  
Automation**