

WIN-911

THE MOST WIDELY USED
ALARM NOTIFICATION PLATFORM
FOR INDUSTRY AND IIoT



WIN-911 Alarm Notification for Industry and IIoT



BRONZE
Technology Partner

A ROCKWELL AUTOMATION PARTNER

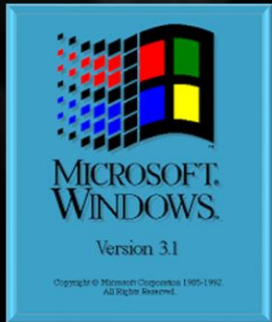
Jeremy Meegan – Channel Sales Manager

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Content Overview

- Core Solution and Industries Served
- FactoryTalk Integration and Architecture
- Notification Methods
- Licensing
- Q&A

WIN-911 Background



- Headquartered in Austin, Texas, with offices in France, Mexico & China
- Alarm notification software for industrial control applications.
- 1993 – WIN-911 released for Windows 3.1
- WIN-911 Alarm Notification Software
 - Sole product and focus

The Right Alarm to The Right Person on The Right Device



Making The Case: Tyson Foods



Meat Processing - New London, Wisconsin

- Meat processing plant for meatballs, sausages and bacon.
- Facility includes cutting, cooking, chilling and packaging
- Over 500 lbs of product per year

Previous Process:

- Operator visually monitors the a computer screen
- Manually call a technician if a problem occurs
- System crashed weekly
- Engineering and IT required to fix the issues
 - System crashed weekly



Challenges:

- Staffing Issues
- Reliability of Notification
- Lost Production

Tyson Foods – New London

Solution

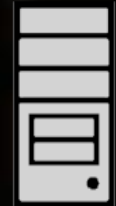
- With WIN-911, personnel can receive alarm notifications via email from any location when problem conditions occur.

WIN-911



Equipment Monitored:

- Tank Levels
- Temperature Systems
- Pressure Parameters



Engineering



IT

In addition to helping ease compliance, the capabilities have allowed the facility to save \$100,000 in wastewater chemicals. "The added visibility allowed us to see where inefficiencies were happening so we could adjust and refine our process." –Senior Engineer-Innovation

WIN-911

Making The Case: City of College Station

Water/Wastewater Treatment – College Station, Texas

- Serving a population to over 100,000 residents
- College Station's drinking water is obtained from groundwater sources

Previous Process

- Monitor and man facility 24/7
- Operator monitors the process
- Manual call out if an alarm occurs

Challenges:

- Inefficient Procedures
- Increased Downtime Chances
- Communication Gaps



City of College Station

Solution

- Implemented WIN-911 to directly notify operators via email when equipment is not running in an optimal state or shutdown.



Equipment Monitored:

- Facilities water supply
- Fluids
- HVAC
- Electrical Equipment

WIN-911















Maintenance

WIN-911

Industries Served

Industrial Applications

	Aerospace & Defense		Mining
	Building Management		Disaster Prevention
	Data Centers		Oil & Gas
	Environmental		Food & Beverage
	Life Science		Power Generation
	Manufacturing		Waste Water Treatment

Solution Overview

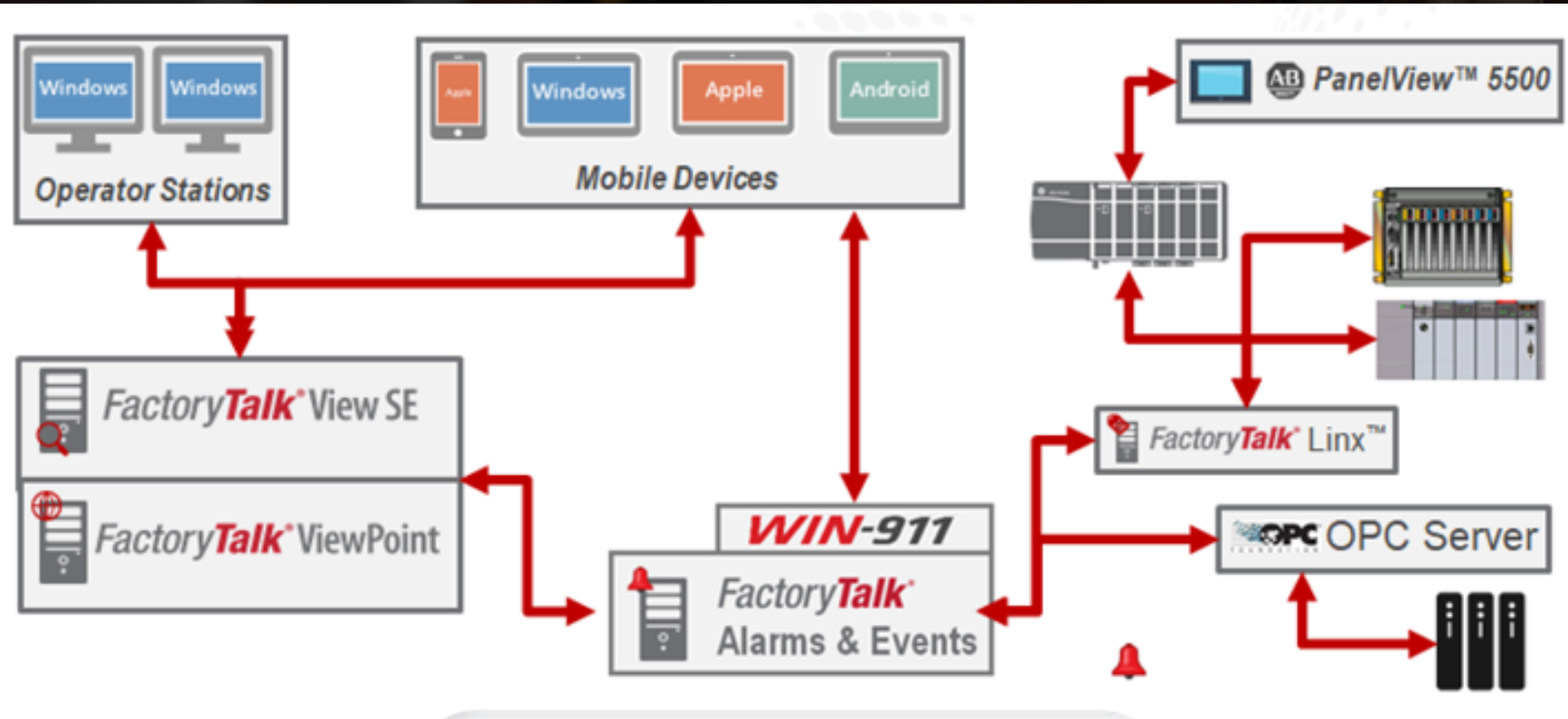


FactoryTalk® Alarms & Events Direct Connect

What's Required?

- (1) WIN-911 License
+
(1) WIN-911/FT Add-On client
WIN-911

WIN-911 can be installed on any FT server, display client, or PC within the same FactoryTalk directory as the Application.



FactoryTalk® Integration

WIN-911 FTAE Direct Connect

- Utilizes FactoryTalk Services
- True A&E Client

Configure Subscriptions/Filters

- Filter on Alarm Name, Class, Groups or Severity

Direct Connect Advantages

- Dynamically receive new alarms
- Alarms are maintained in FactoryTalk/PLCs
- Acknowledgements are seamless

Filter Utilizers

Name Urgent Priority Subscription

All Names Specific Names

All Classes Specific Classes

All Groups Specific Groups

Groups

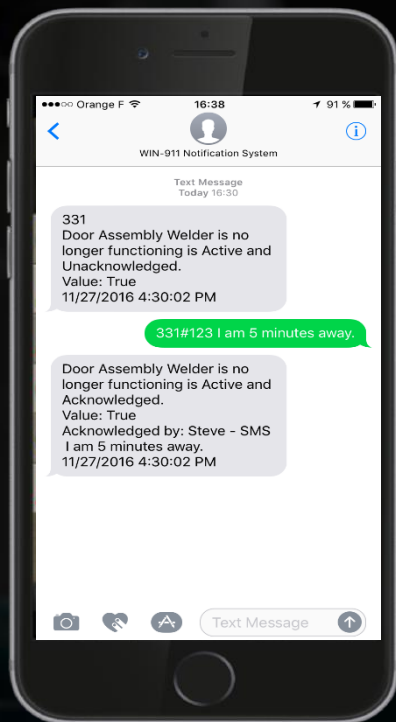
Wild Card *UrgentPriority*

All Severities Specific Severity Range Specific Severity Value

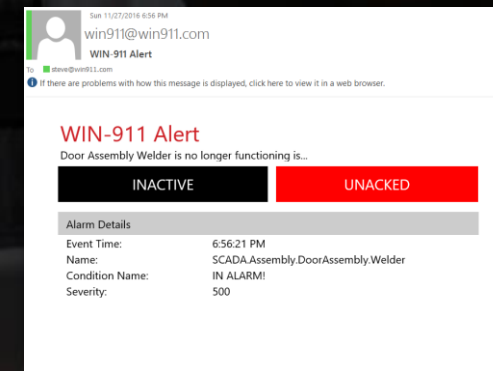
Labels Urgent Priority

Filter

Notification Methods



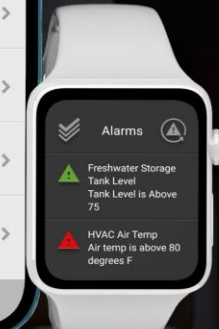
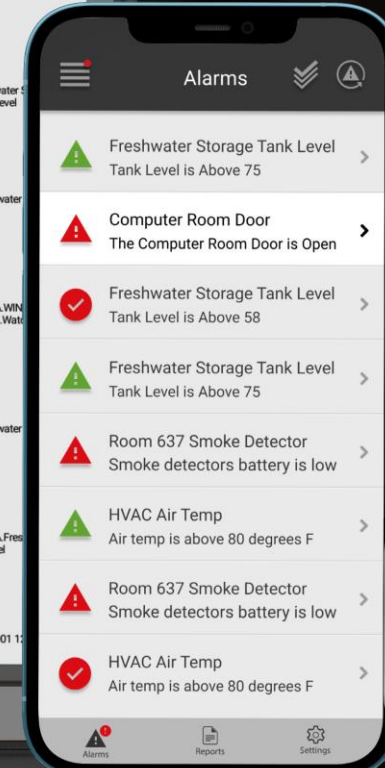
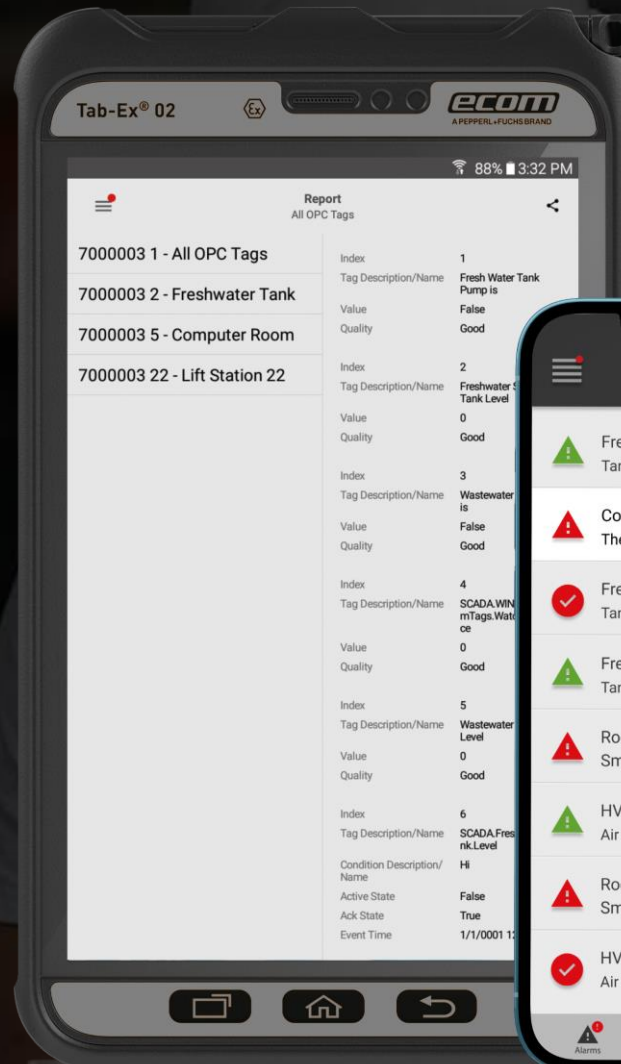
VoIP & Analog
Phones





WIN-911 Mobile

- Android and iOS Device support
- Alarming via Push Notification
- Dynamic alarm and report summary screens
- No additional hardware required
Requires valid software support coverage to function
- Supports Multiple WIN-911 Sites



WIN-911 Mobile

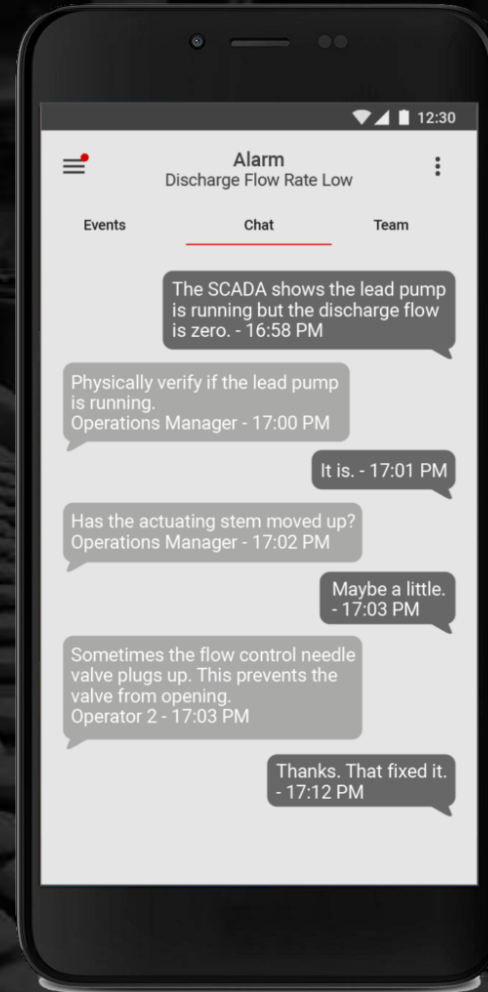
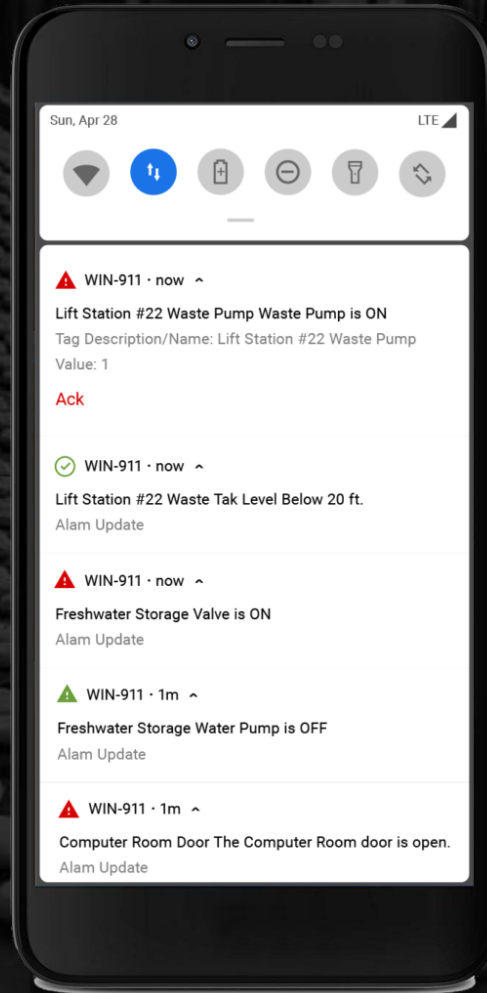
Push Notifications



Secured
Connectivity



Team Visibility



Chat with Team



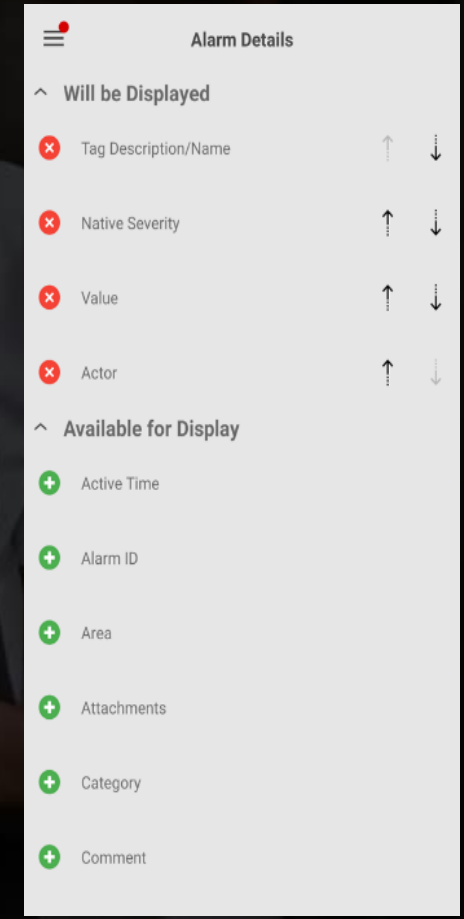
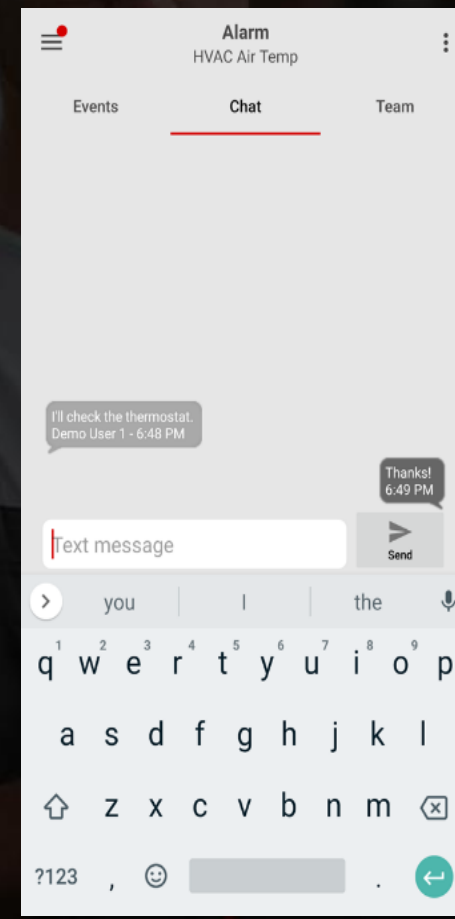
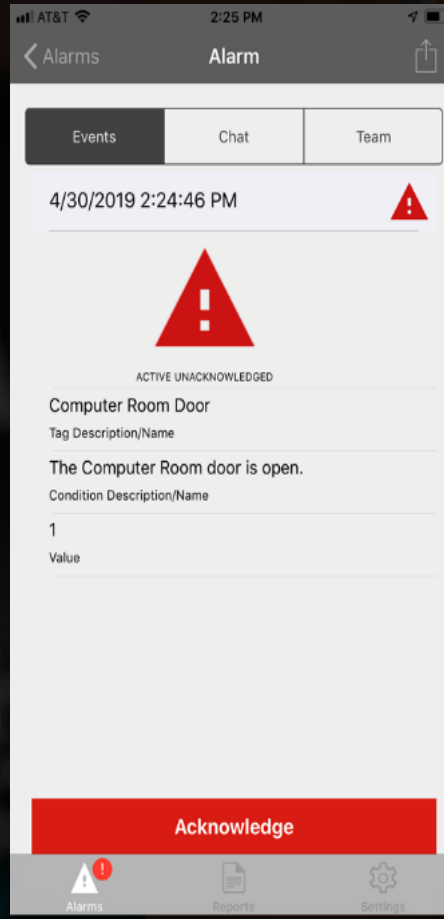
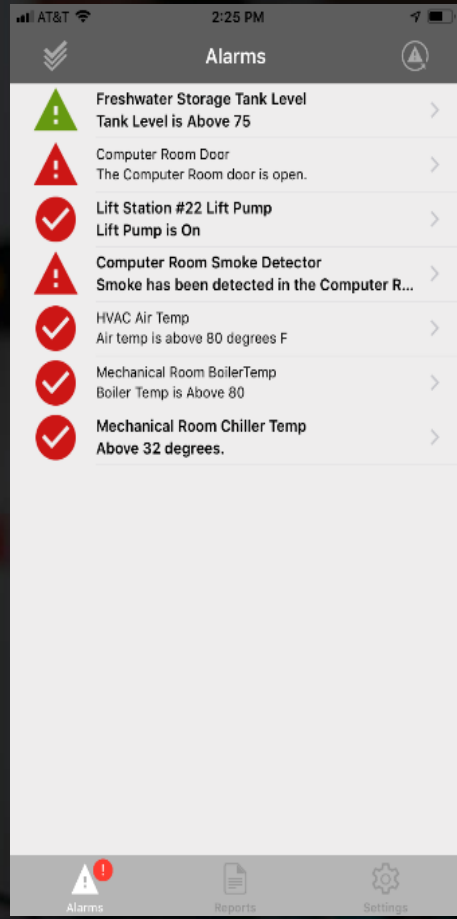
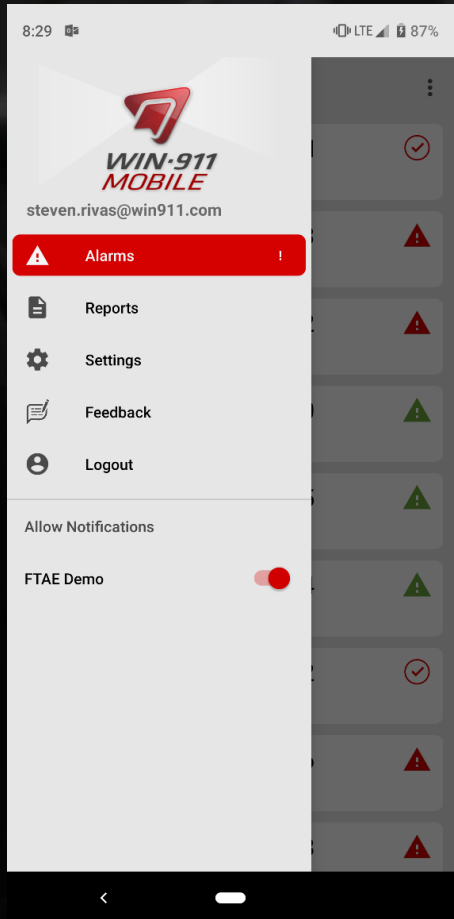
Acknowledge
Alarms

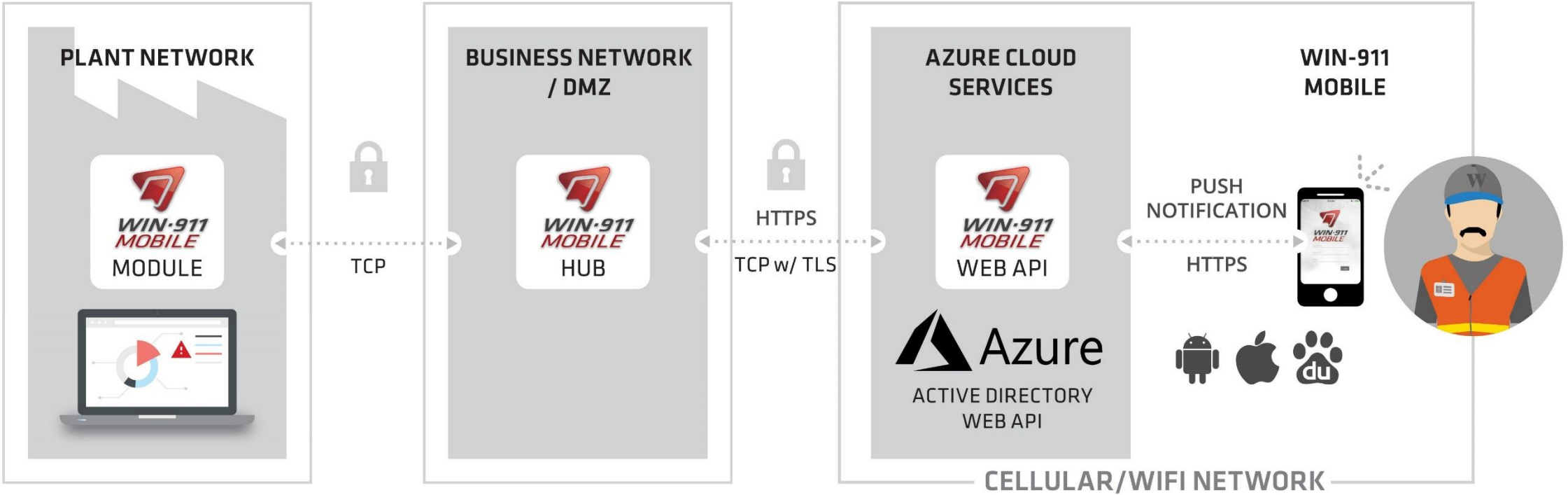


Connect to
Multiple Systems



WIN-911 Mobile – Next Generation Alarming







Basic Alarm Notification



Basic Call List

- Easily configure delays and retries from Basic Tactic list.
- Quickly add, remove, and reorder contacts
- Single Notification Queue

Name:

Description:

Delay Before Notification: Minutes Seconds

Repeats:

Callout List

<input type="checkbox"/>	Connection	Type	Retries	Delay Between Retries			Delay After				
<input type="checkbox"/>	Bob		<input type="text" value="1"/>	Minutes	<input type="text" value="0"/>	Seconds	<input type="text" value="0"/>	Minutes	<input type="text" value="0"/>	Seconds	<input type="text" value="0"/>
<input type="checkbox"/>	Alice		<input type="text" value="1"/>	Minutes	<input type="text" value="0"/>	Seconds	<input type="text" value="0"/>	Minutes	<input type="text" value="0"/>	Seconds	<input type="text" value="0"/>
<input checked="" type="checkbox"/>	Joe		<input type="text" value="1"/>	Minutes	<input type="text" value="0"/>	Seconds	<input type="text" value="0"/>	Minutes	<input type="text" value="0"/>	Seconds	<input type="text" value="0"/>
<input type="checkbox"/>	On Call Phone		<input type="text" value="1"/>	Minutes	<input type="text" value="0"/>	Seconds	<input type="text" value="0"/>	Minutes	<input type="text" value="10"/>	Seconds	<input type="text" value="0"/>
<input type="checkbox"/>	Michael		<input type="text" value="1"/>	Minutes	<input type="text" value="0"/>	Seconds	<input type="text" value="0"/>	Minutes	<input type="text" value="0"/>	Seconds	<input type="text" value="0"/>

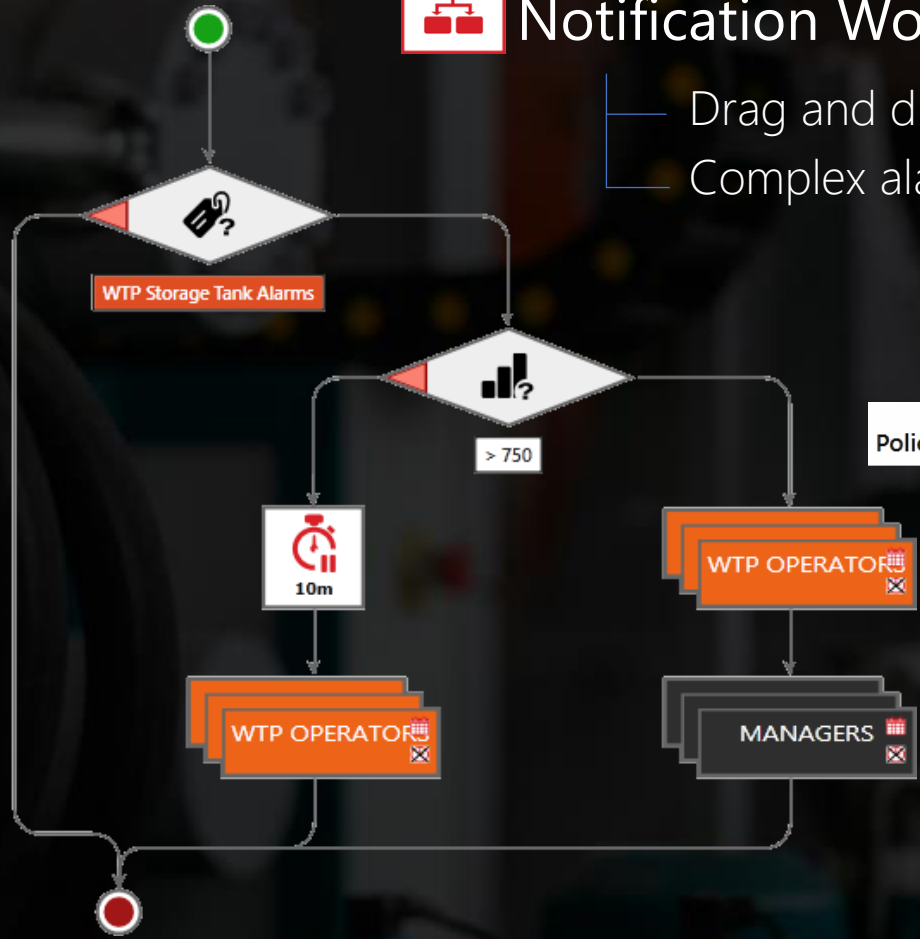


Advanced Callout Escalation



Notification Workflows

- Drag and drop workflow creation
- Complex alarm escalation scenarios using decision blocks



Event Triggers and Actions

Condition	Action
Initial Event	Start Tactic → Assembly Operators
Any Alarm State Change	Re-Notify
Upon Timer → 20m	Start Tactic → Notify All
Alarm Becomes Terminal	Stop Strategy



List of alarm Conditions and the Action WIN-911 should take when the Condition is met.





Schedules

Utilization

- Assign to a user's notification method
- Used for decision making in a notification group

Configuration

- Outlook/Google style calendar control
- Predefined schedules
- Create complex rolling schedules, shift schedules, holiday schedules

The screenshot displays the 'Utilizers' configuration window. The main window has a 'General' tab and a 'Shift Schedule 1' name. A calendar view is visible on the left, showing dates from 7 Mar to 28 Feb. An 'Appointment-Double-Click to Edit' dialog is open, showing the following configuration:

- Appointment time:** Start: 8:00 AM, End: 4:00 PM, Duration: 8 hours.
- Recurrence pattern:** Weekly (selected), Recur every 1 week(s) on: Tuesday, Thursday.
- Range of recurrence:** No end date (selected), Start: 3/9/2021, End by: 4/30/2021.

Buttons for 'OK' and 'Cancel' are visible at the bottom of the dialog.

Contacts Utility

- Embed a button in HMI that launches the utility
- Change delays and call out order for basic call list
- Change the schedule assigned to WIN-911 contacts
- Runs on any PC with network access to system
- Modify Roles for use in Advanced Tactic

Contacts Utility 2020

Basic Tactics Connections

Select Basic Tactic: WWTP Call Out

Details

Connection	Type	Retries	Delay Between Retries		Delay After Connection	
<input type="checkbox"/> John		0 - +	0 - + Minutes	0 - + Seconds	0 - + Minutes	0 - + Seconds
<input type="checkbox"/> Jeremy Work Phone		0 - +	0 - + Minutes	0 - + Seconds	0 - + Minutes	0 - + Seconds
<input type="checkbox"/> Jeremy		0 - +	0 - + Minutes	0 - + Seconds	0 - + Minutes	0 - + Seconds

Contacts Utility 2020

Basic Tactics Connections

Search

Name	Type	Connection String	Schedule	Roles
Jeremy		5128200938@vtext.com	Always	Managers
Jeremy Work Phone		jeremy.michael.abx@gmail.com	Always	Managers
John		jeremy.meegan@win911.com	Always	

WIN-911 Announcer

- Desktop application (separate installation)
- Allows users to play audio locally from WIN-911 host machine, remote audio devices, PA system, or radio system
- Included with WIN-911 Standard/Interactive/Advanced – installs on any PC in the network



WIN-911 Announcer

Subscription Audio Alarm Format Say As Connectivity

Strategy	Message Prefix	Replay Interval
Mobile Test Strategy		0 - + Minutes
Test strategy		15 - + Minutes

Select Alarm States to Announce

Active Unacknowledge Inactive Unacknowledge
 Active Acknowledge Inactive Acknowledge

Announce while in Standby mode

Product Comparison

WIN-911 Standard

- SMS & Email only
- One-way Notifications

WIN-911 Interactive

- 10 Smartphone Apps, Voice
- Two-way Notifications

WIN-911 Advanced

- 25 Smartphone Apps
- More Advanced Escalation

	WIN-911 STANDARD	WIN-911 INTERACTIVE	WIN-911 ADVANCED
CORE CAPABILITIES			
Alarm/Filter Count	Unlimited	Unlimited	Unlimited
1 Year Customer Care Subscription	✓	✓	✓
Virtualization	✓	✓	✓
Localization	✓	✓	✓
ESCALATION			
Scheduling	✓	✓	✓
Basic Tactics & Strategies	✓	✓	✓
Advanced Tactics & Strategies			✓
Contacts Utility	✓	✓	✓
NOTIFICATION METHODS			
SMS (Cellular Modem)	✓	✓	✓
Email	✓	✓	✓
Announcer	✓	✓	✓
Voice (VoIP & Analog)		✓	✓
Smartphone Apps		10 Devices	25 Devices
Premium Voice *		✓	✓
REMOTE INTERACTIONS			
Remote Acknowledgements		✓	✓
Alarm Requests		✓	✓
Report Requests		✓	✓
Report Pushes			✓



Thank You!

Learn more at win911.com

WIN-911

The Most Widely Used Alarm Notification Platform in Industry and IIoT