



# Alarm Notification Modules

Ignition HMI / SCADA Software

Build an advanced alarming system that fits the needs of your operation with the Ignition Alarm Notification Module, SMS Notification Module and the Voice Notification Module to send, receive and acknowledge alarm notifications via email, text message or a phone call.

## Alarm Notification Pipelines

Configure alarm notifications to go to whoever you want, whenever you want, for whatever reason you want. Pipelines control what happens between when an alarm goes active and when it is sent out to personnel. Any alarm scenario is easy to set up with the module's drag-and-drop interface that lets you build a variety of custom alarm notification pipelines, including: consolidation, delay, selection and escalation.

### Features

- Alarm Notification Pipelines
- More Control for Notifications
- Edit Call Rosters in Real Time
- Alarm Notification Via 2-Way Email
- Notifications Via Text Message
- Notifications Via a Phone Call

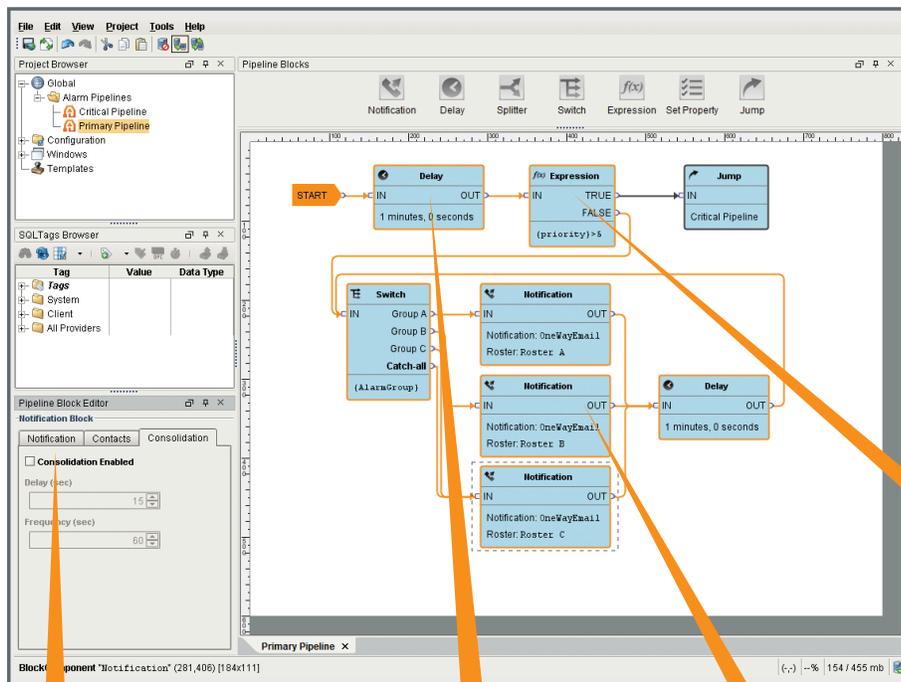
### Supported Operating Systems

- Windows Server 2003 / 2008
- Windows XP, Vista, 7 and 8
- Ubuntu Linux 8.04 or later
- Other Java SE enabled OSes<sup>3</sup>

### Requirements

- Ignition v7.6 or higher
- Java SE 6+ (server)
- Java SE 6+ (client)
- 1024 MB RAM
- 1GB free HD space
- (requirements vary by usage)

\*Ignition is compatible with any Java-enabled operating system. Full support is only offered for listed operating systems.



**Consolidation:**  
Combine multiple alarms into a digested message.

**Delay:**  
Hold off on sending notifications until they require attention.

**Selection:**  
Distribute different alarms to different groups of contacts.

**Escalation:**  
Send higher priority alarms to a different contact or group.

## More Control for Notifications

Using this module, you'll have more control over who should be notified of an alarm and when. Users can be organized by roles into call rosters. When an alarm notification is sent, it goes to those on a designated call roster. The system then evaluates each user's schedule so that only those who are currently on shift will be notified.

## Edit Call Rosters in Real Time

Using the rosters, you can change schedules, assign roles and specify who should be notified when alarms pass through different notification blocks

in the pipelines. Control the roster via permission roles and let individuals edit their own information on-the-fly to account for irregular time away from work so the alarm can skip over them and be routed quickly to an available person.

## Send & Acknowledge Alarms Via 2-Way Email

The Alarm Notification Module allows you to set up your system to allow users to receive and acknowledge alarm notifications by email (this action requires a SMTP server).



## Notifications Via Text Message

By adding the SMS Notification Module to Ignition, you can send and acknowledge alarm notifications via text messaging. SMS notification is an efficient and immediate method that makes it easier for users to respond.

*This module requires the Alarm Notification Module and an Airlink LS 300 with a data and SMS cellular plan (not included).*



## Notifications Via a Phone Call

Set up voice notification for alarms in Ignition with the Voice Notification Module. Use text-to-speech technology to notify users of an alarm via a phone call and to allow users to acknowledge it with a simple code.

The Voice Notification Module supports multiple languages, enabling users to receive notifications in their preferred language (additional language modules must be purchased separately for multiple languages).

The SIP / VoIP voice notification system can be tied in with a VoIP phone system or an online VoIP service such as Skype, or bridged to a standard phone line using an existing phone gateway.

*This module requires the Alarm Notification Module and some SIP-compatible VoIP service, such as your office VoIP server, Skype Connect or an ATCOM IP01 to bridge to a standard phone line (not included). An ATCOM device has to be installed with the FXO option to connect to analog phone lines. Additional language modules must be purchased to support multilingual voice notifications.*



The Alarm Notification, SMS Notification, Voice Notification, and Language modules are available for download at the Ignition Module Marketplace.

[marketplace.inductiveautomation.com](http://marketplace.inductiveautomation.com)