

The background of the image shows an industrial facility, possibly a refinery or chemical plant, with several tall smokestacks emitting white smoke. The scene is lit with warm, yellowish lights, suggesting an evening or night setting. In the foreground, a white megaphone is mounted on a grey surface, pointing towards the right. A thick orange diagonal bar runs across the middle of the image, separating the industrial scene from the text below.

**SafetyTalk**<sup>®</sup>

# Machines

## That Talk to People

The logo for SafetyTalk, featuring the word "Safety" in black and "Talk" in orange, both in a bold sans-serif font, enclosed in a black rectangular border with a registered trademark symbol.

# Save Materials Save Machinery Save Lives

Why implement a PA system when you can implement a fully integrated safety notification system? Our speakers and radios seamlessly integrate with your OPC compliant SCADA HMI software to automatically warn your engineers and operators of safety concerns in real-time, while they can still be mitigated.

**SafetyTalk** is a value added re-seller and implementor of industrial speakers and notification systems. Our solutions and products are unique in the industry as the only solution providing seamless integration to your HMI software.

## SEND HMI VALUES TO RADIOS

### INTEGRATED RADIO NOTIFICATIONS

In addition to providing warning messages over loudspeakers, **SafetyTalk** provides integration with most industrial radio manufacturers as well. Whether or not you are using Motorola TalkAbouts, generic radios, direct simplex, repeaters, or trunking systems, deliver timely, accurate, and clear messages in any supported language directly to the radios that need them.

Our proprietary hardware and software is simple to maintain and operate. It is capable of routing messages to specific radio channels, or simultaneously broadcasting the message to multiple channels.



One notable use of this capability is the engineer's headset. OPC values within the HMI may be monitored for threshold events, or in the case of adjustments needed in the field, real-time values may be transmitted to a radio or engineers headset, each time the value changes.

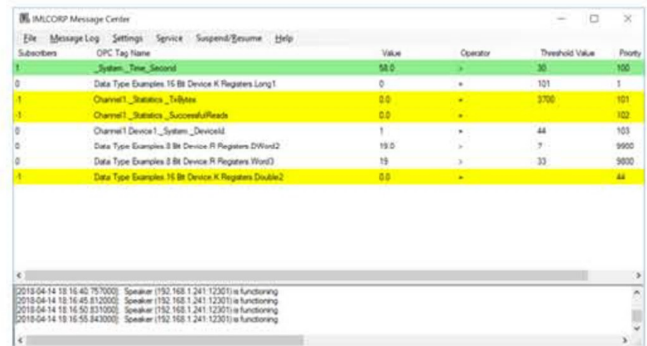
This frees up operators to work independently, without cumbersome field equipment.  
MONITOR

## EASY TO READ AND CONFIGURE

### INTEGRATED VISUAL DASH BOARD

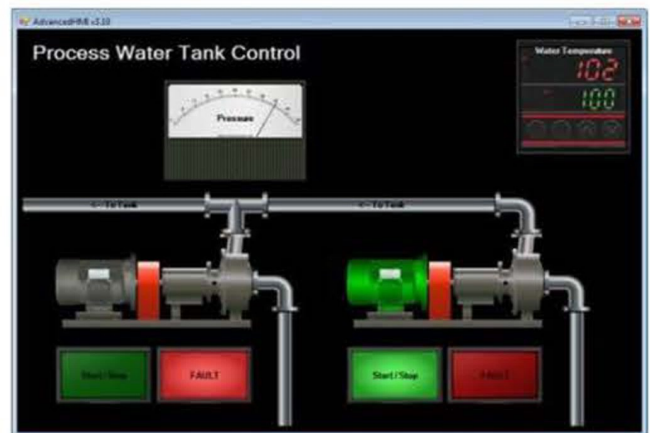
The **SafetyTalk** dashboard allows the easy configuration of voice messages using the existing HMI values in your system. In addition, an overview of current message activity can be quickly gleaned from a single screen. Using the dashboard, you can:

- Create speaker and radio zones
- Route messages to 1 or more zones
- Determine which messages are active within zones
- Suspend or Resume active messages
- Determine that all speakers and radios are online and functioning
- Create messages that are rendered in two or more languages simultaneously
- Play prerecorded messages
- Play a single message to a specific zone
- Set up messages to be automatically play based on threshold values within your HMI software



Subscribers	OPC Tag Name	Value	Operator	Threshold Value	Priority
1	_System_Temp_Second	58.0	-	30	100
0	Data Type Examples 16 Bit Device K Registers Long1	0	=	101	1
1	Channel1_Statistics_Totals	0.0	-	3700	101
1	Channel1_Statistics_SuccessfulReads	0.0	-	-	102
0	Channel1_Device1_System_Device1	1	=	44	103
0	Data Type Examples 8 Bit Device R Registers DWord2	19.0	-	7	9000
0	Data Type Examples 8 Bit Device R Registers Word3	15	-	33	9000
1	Data Type Examples 16 Bit Device K Registers Double2	0.0	-	-	44

Log entries:  
2018-04-14 18:16:45 797000: Speaker (192.168.1.241:12301) is functioning  
2018-04-14 18:16:46 812000: Speaker (192.168.1.241:12301) is functioning  
2018-04-14 18:16:50 831000: Speaker (192.168.1.241:12301) is functioning  
2018-04-14 18:16:55 843000: Speaker (192.168.1.241:12301) is functioning



## PARLEZ-VOIS FRANCAIS? (WE DO)

### MULTI-LINGUAL CAPABILITIES

Of course, **SafetyTalk** is capable of rendering pre-recorded messages on demand. But for messages that must be highly configurable, producing and maintaining recorded messages may not be the best fit.

If your plant has multi-lingual requirements, or your messages change on a daily basis, we have a solution for you. **SafetyTalk** contains a multi-lingual text-to-voice engine that renders real-time messages in native languages.

Choose from over 20 languages including:

- Australian English
- Brazilian
- Norwegian
- Polish
- Portuguese
- Romanian
- Russian
- Swedish
- Turkish
- US English
- US Spanish
- Welsh
- Welsh English
- Japanese
- Portuguese
- British English
- Canadian French
- Castilian Spanish
- Danish
- Dutch
- French
- German
- Icelandic
- Indian English
- Italian

# MONITOR ALARMS

## REAL-TIME MESSAGING

Fully automate emergency notification by setting rules based on critical values within your HMI system. Whether it is a critical pressure within a boiler tank, a fire within a dryer, or simply warning bystanders that a machine is about to start up, crisp, clear, audible notifications are simple to create and maintain with **SafetyTalk**.

We integrate with state of the art industrial speakers made by IMLCORP, the leader in industrial and military speaker design.

Whether you need a simple monitor speaker in the control room, industrial speakers for the plant floor, or an outdoor PSA speaker system, we can help. Custom solutions are available for your specific needs.



Provide fully automated, 24/7 monitoring as a reliable backup to your plant operators and engineers. Whether it's late at night or during lunch, be confident that HMI alarms reach their intended audience, -- no matter where their job has taken them.

# SEAMLESS HMI INTEGRATION

## MONITOR EXISTING OPC TAGS

Regardless of the HMI software used by your organization, you will be amazed at the seamless integration of **SafetyTalk**. A typical installation is as simple as installing an application and, in most cases, can be implemented by the on-site IT staff within an hour. Once the software is installed, the administrator simply needs to define the speaker and radio zones, then configure the rules based off of your HMI OPC tags which are visible within SafetyTalk's Notification Control user interface.

HMI software supported by **SafetyTalk** include software provided by these fine companies and others:

- ABB Ltd.
- Alstom
- Cisco Systems.
- General Electric
- IBM Corporation
- Omron Corp.
- Rockwell Automation, Inc
- Schneider Electric SE
- Siemens AG

No matter what HMI software you are currently using, **SafetyTalk** has a solution for you.

If you feel that **SafetyTalk** might help prevent incidents in your organization, we would love to speak with you.