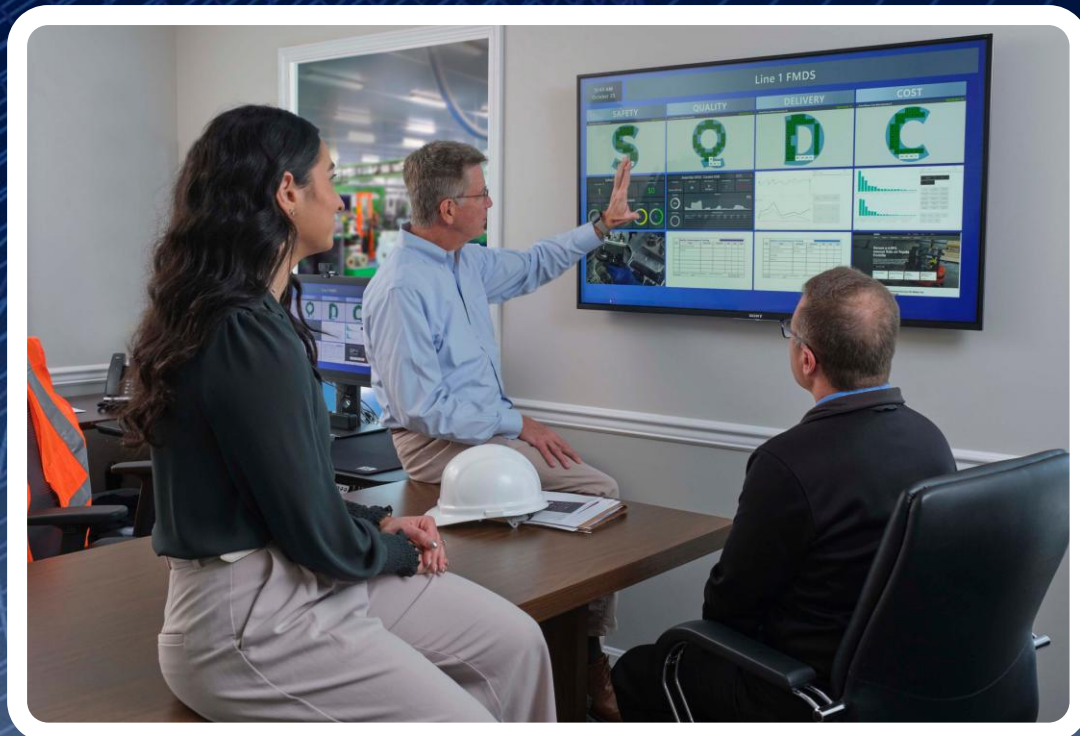


# IGEAR<sup>®</sup> INSIGHTS



## Digital Transformation of Visual Management Boards

IGEAR<sup>®</sup>





# Welcome

**Brooks Korfhage**

Sales Representative

**Mark Doyle**

VP of Sales

**Celine Mbanasor**

Director of Customer Success

## Digital Transformation of Visual Management Boards



# Agenda

**1**

**Core Functionalities of Visual Management Boards**

**2**

**Business Drivers of “Digital” Visual Management Boards**

**3**

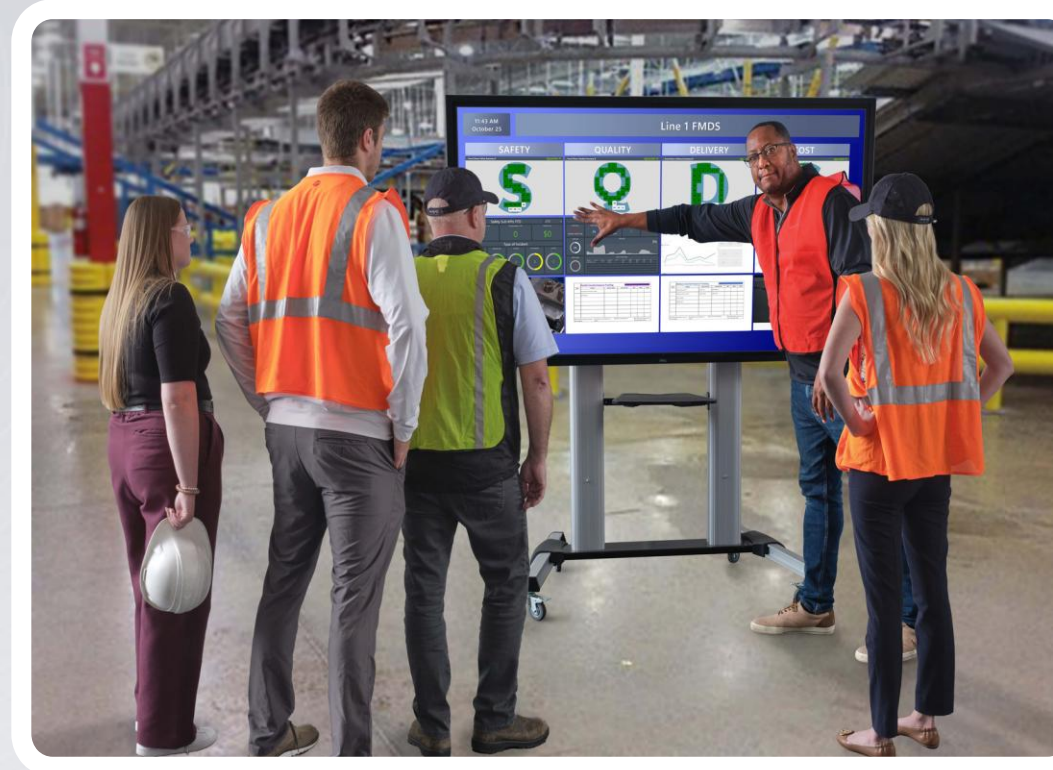
**Typical Use-Case and Implementation Strategies**



# Core Functionalities - Visual Management Boards

**Visualization of Standards  
and Performance**

**Role & Responsibility  
Definition**



**Communication &  
Collaboration**

**Alignment with  
Company Goals**

**Problem Solving**

**Build Culture**



# Business Drivers - “Digital” Visual Management Boards

## Improved Efficiency

Eliminate Wasted Time  
Live Information  
More Reliable Information  
Flexibility & Scalability

## Enhanced Collaboration

Improved Accessibility  
Drive Action  
Faster Problem Solving  
Integrate with Other Apps

## Must Haves for “Digital”

As Easy to Use as Paper

User Configurable

Controlled Access - Security



# Digital Transformation of Visual Management Boards

Get Started - Paper on Glass



Link Your Existing  
Sources From Your  
Paper Boards



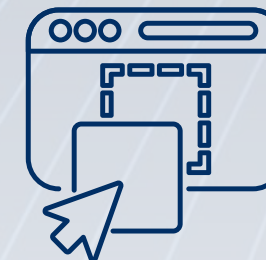
Interactive & Visible  
Across Devices



Enhance Security:  
User Authentication -  
Privileges



Live Sources &  
Thumbnail Previews

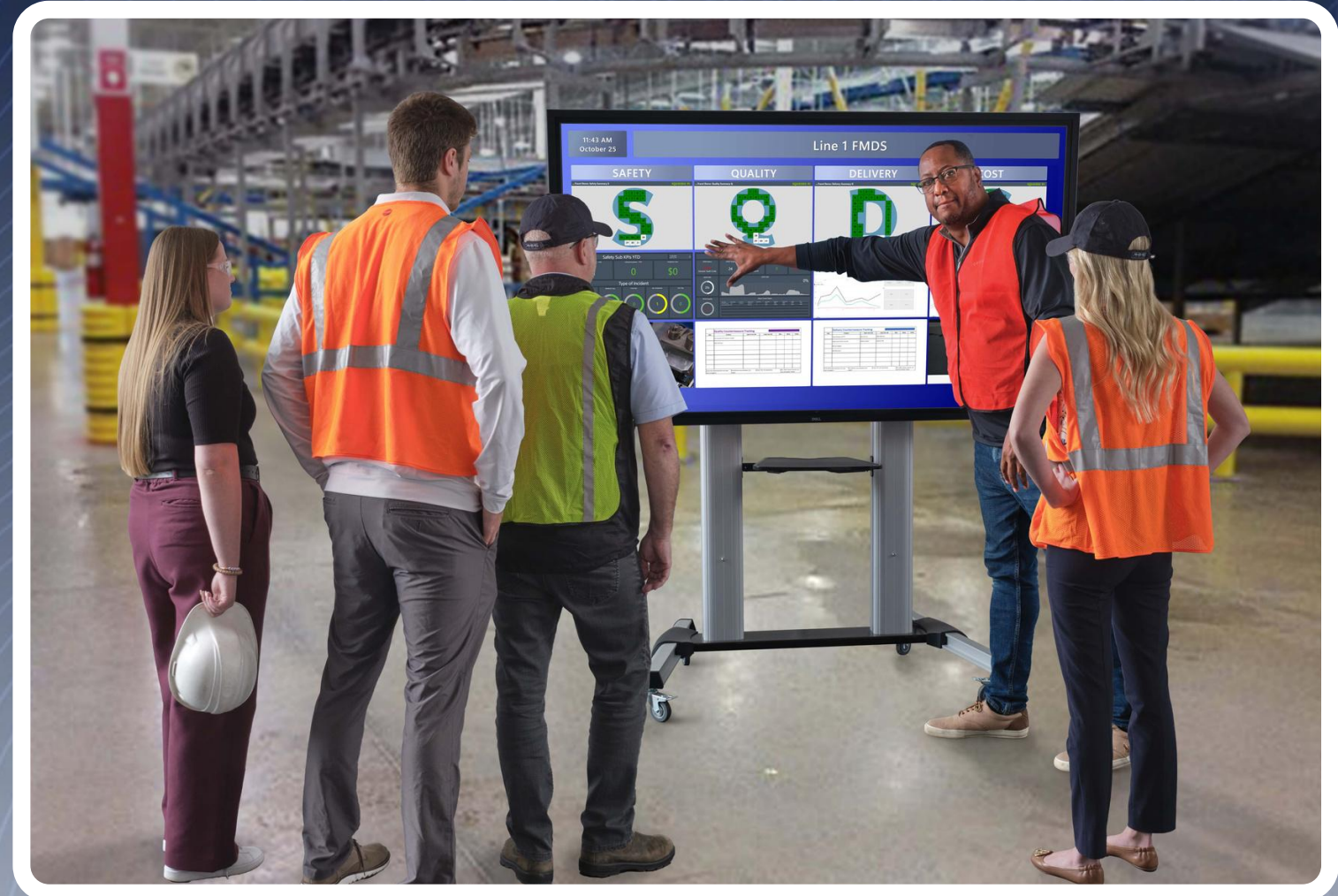


User Configurable -  
No Code



# Get Started: Link Your Existing Sources

## Existing Paper-Based Sources







# Get Started: Link Your Existing Sources From Your Paper Boards

IGEAR

Line 1 SQDC

11:51 AM  
June 2

SAFETY

....Travel Demo: Safety Summary S

squeaks PI

QUALITY

....Travel Demo: Quality Summary Q

squeaks PI

DELIVERY

....Travel Demo: Delivery Summary D

squeaks PI

COST

....Travel Demo: Cost Data Summary C

squeaks PI

Safety Sub KPIs YTD

11:47 AM

Total Incidents - YTD: 1

Critical Incidents - YTD: 0

Incidents Cost: \$0

Type of Incident

Lost Time: 0

Medical Case: 0

First Aid: 0

No Treatment: 1

Lost Day: 0

Assembly Line 1 - Current Shift

11:47 AM

Status: Running

Target: 69

Good Parts: 0

Bad Parts: 0

Minutes Down: 1.9 mins

OEE: 75%

Quality: 81%

Plant Overview

Machine	Current Shift	Current OEE	Current Yield	Current Defects	Current Downtime	Current Quality	Current Cost
ASSEMBLY LINE 1	69	75%	0	0	1.9	81%	\$0

Production Data

3/1/2020 - 3/15/2020

Defects per Unit

3/1/2020 - 3/15/2020

Quality Countermeasure Tracking

Date	Problem	Short Term CM
	DTR received from Honda for mislabel	
	Hello ATD	
	Hello Vuteqi!	
	Hello Steve!	

Delivery Countermeasure Tracking

Date	Problem	Short Term CM
	Today's Meeting with TTS	short term cm
	Create work order for new part	replace conveyor
	next work order	

5 PROVEN STEPS

IMPROVE YOURSelves AND MANAGE YOUR PLANT

We use cookies to improve your experience on our website.

DO NOT SELL OR SHARE MY PERSONAL INFORMATION

ABOUT COOKIES





# Get Started: User Configurable - No Code

Sections

Design

Add Source

IGEAR

IGEAR TEAM BOARD

4:26 PM  
May 30

KEY PERFORMANCE INDICATORS

REAL TIME DATA COLLECTION

SAFETY

Category	Value
Incidents	18
Lost Time	24
First Aid	26
Property Damage	21

Category	Value
Incidents	18
Lost Time	24
First Aid	26
Property Damage	21

QUALITY

Date	Problem	Short Term CM
07/19/2025	OTR required from Honda for incident	
07/20/2025	Parts 473	
07/21/2025	Parts 473	
07/22/2025	Parts 473	

PEOPLE

Category	Value
DOWN	32
UP	1

TEAM ACTIVITIES & TASKS

Today

62°

Mostly cloudy

69° | 57°

Saturday

A t-storm around in the p.m.

75° | 48°

Sunday

Mostly sunny

75° | 52°

Monday

Sunny and pleasant

81° | 58°

TEAM REMINDERS

Team meeting 08/27/2025 @ 2pm EST!

Training

Team Training

In Progress

Preventative Maintenance 2

Review

Preventative Maintenance 3

Completed

Preventative Maintenance 1

Access Control

Specify who has access to View, Edit, and Manage the Board.

Add Users

Member	Full Control	Edit	Annotate	View
Everyone	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Celine Mbanasor -	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Squeaks Admin - /	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Cian Toole - Admin	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Cole Swinford	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Joe Brangers - Adr	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>





## Get Started: Live Sources & Thumbnail Previews

IGEAR.

IGEAR TEAM BOARD

1:23 PM  
June 2

KEY PERFORMANCE INDICATORS

SAFETY

Auto Lineup Safety Summary

QUALITY

Quality Countermeasure Tracking

PEOPLE

Cell 2 Status

REAL TIME DATA COLLECTION

Downtime History

TEAM ACTIVITIES & TASKS

Add Activity

Add Column

Add Task

Training

Team Training

In Progress

Preventative Maintenance 2

Technicians will identify proper torquing procedures, determine when to perform turntable tilt, HQR, and side load test inspections, and how to identify

Review

Preventative Maintenance 3

Participants will discuss hydraulic system pressure checks, the rotation bearing and gearbox, structural tests, manual stowage, and Atmospheric Vent.

Completed

Preventative Maintenance 1

Technicians will identify sections of the Alterc Maintenance Manual, discuss how to conduct a preventive maintenance inspection.

Today

80°

Sunny

81° | 56°

Tuesday

Hazy sunshine, warm and humid

87° | 69°

Wednesday

Breezy in the morning

87° | 69°

Thursday

A shower and thunderstorm

78° | 66°

TEAM REMINDERS

Team meeting 08/27/2025 @ 2pm EST!





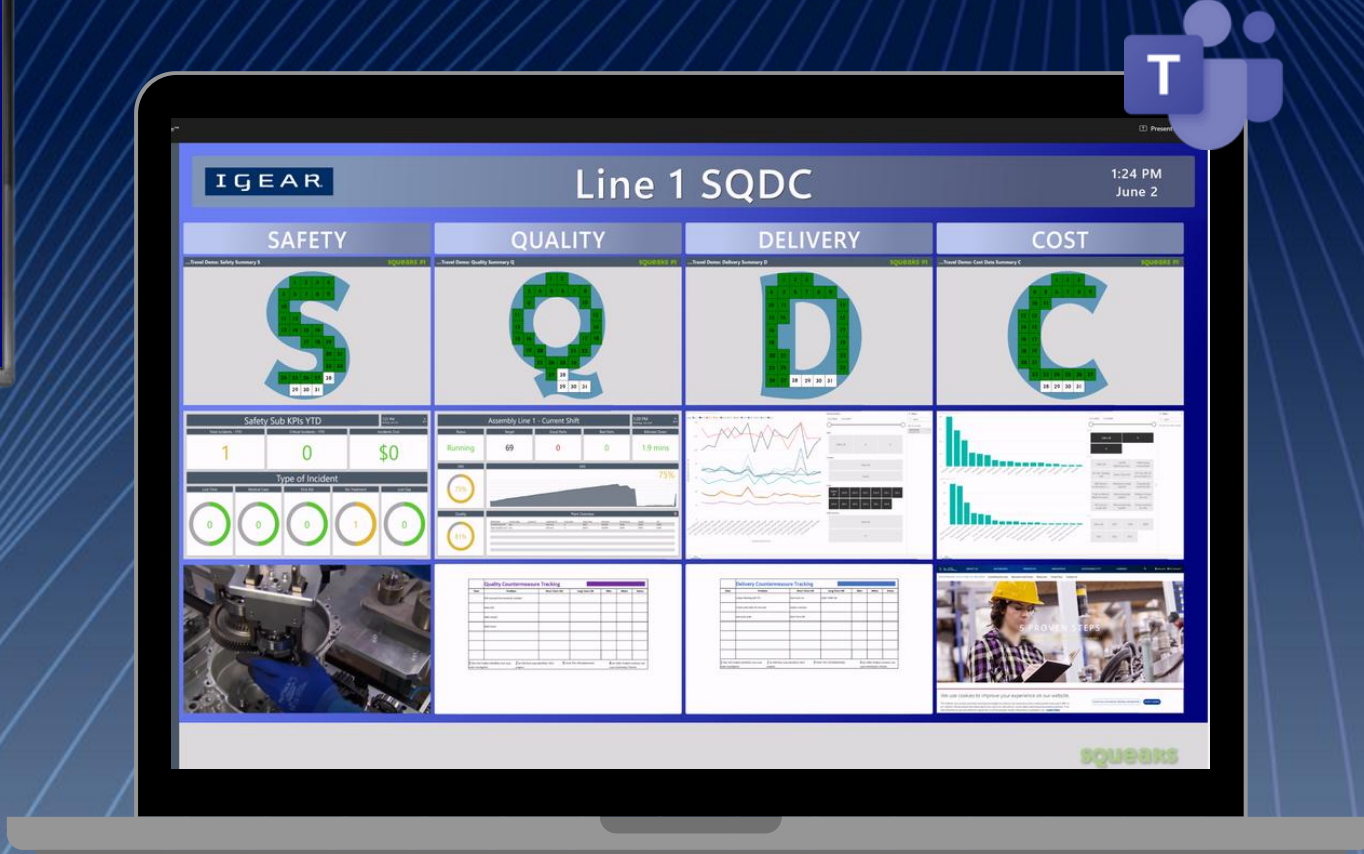
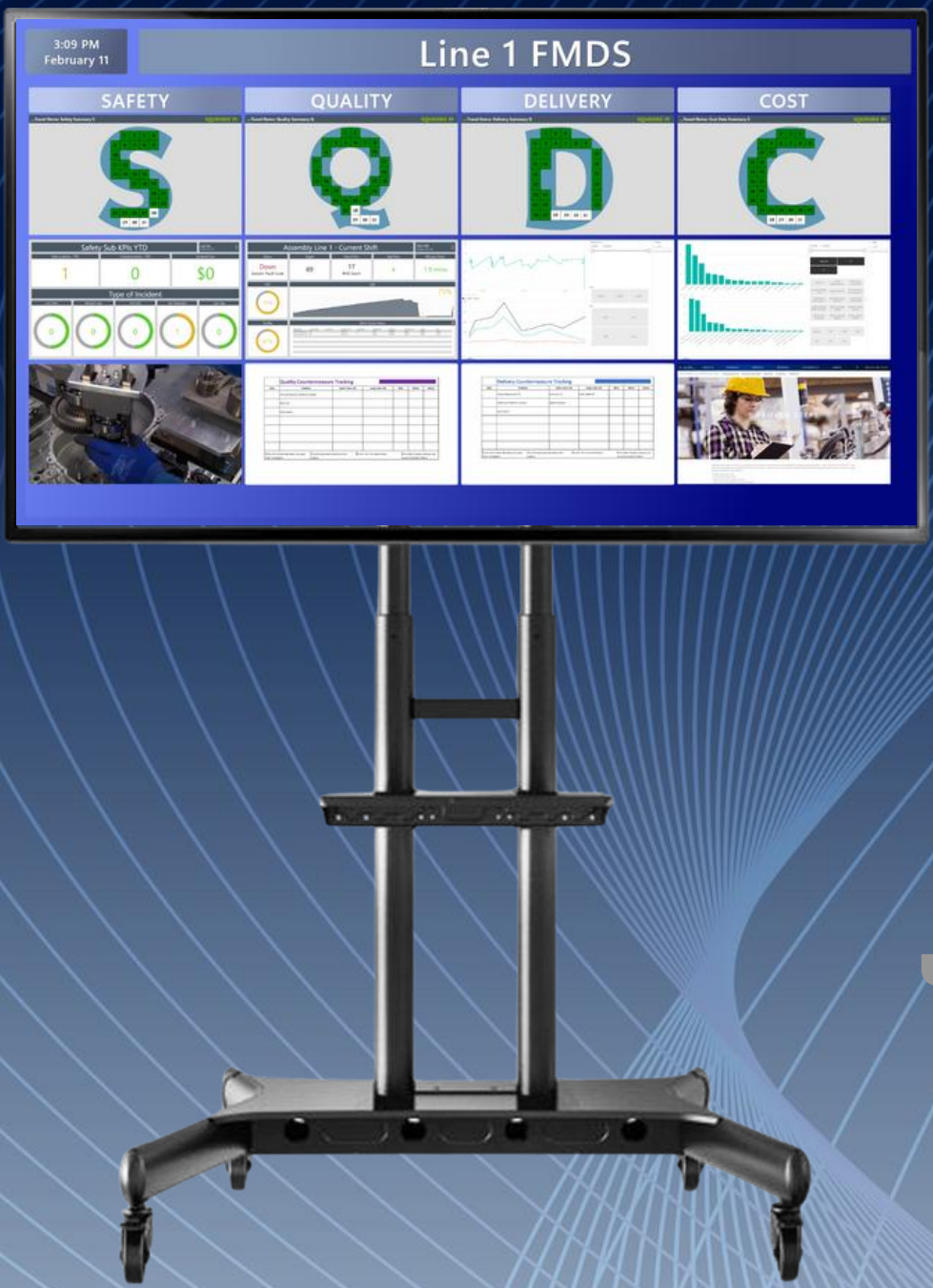
# Get Started: User Authentication - Security, Privileges







# Get Started: Interactive & Visible Across Devices





# Digital Transformation of Visual Management Boards

IGEAR

IGEAR TEAM BOARD

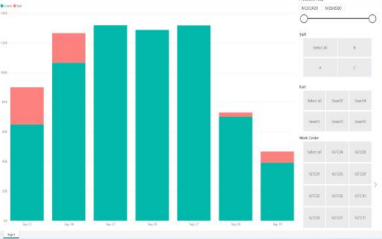
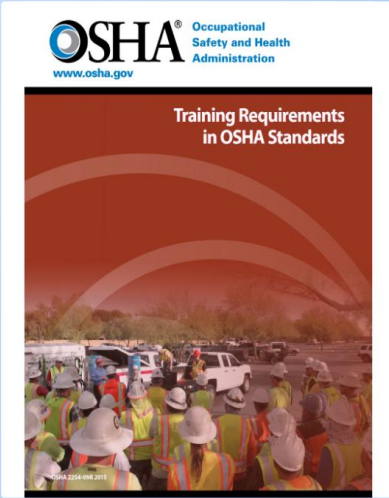
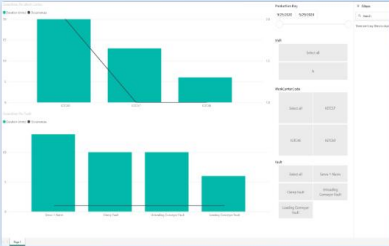
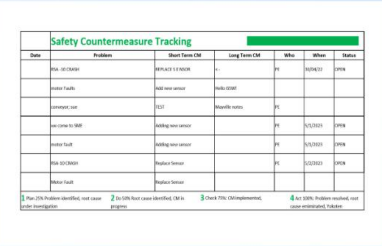
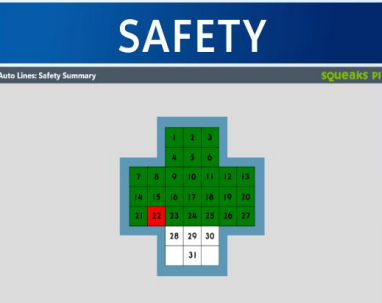
12:35 PM  
June 2

Extended Capabilities –  
Additional Sources



Additional Sources:  
Multi-Media Files,  
Web Pages, etc.

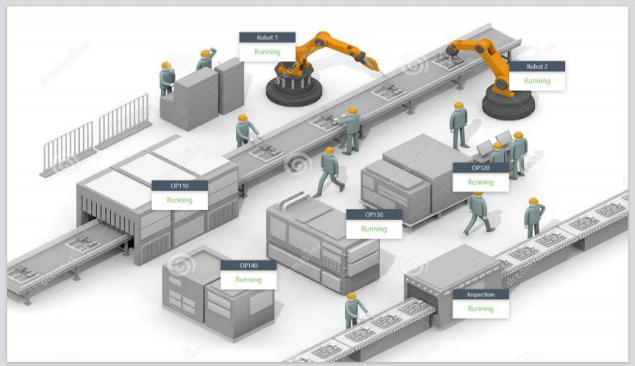
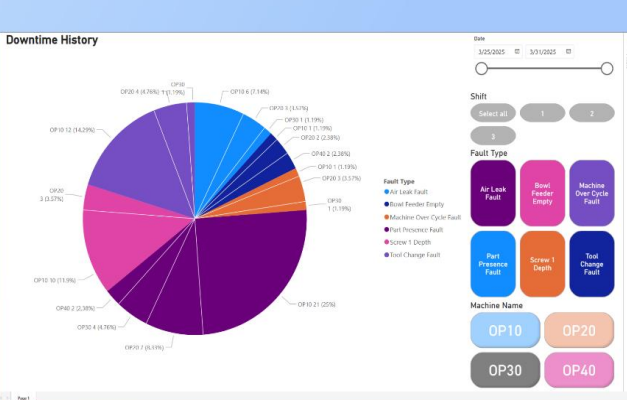
## KEY PERFORMANCE INDICATORS



**TEAM REMINDERS**

Team meeting 08/27/2025 @ 2pm EST!

## REAL TIME DATA COLLECTION



## TEAM ACTIVITIES & TASKS

Training

Team Training

In Progress

Preventative Maintenance 2

Technicians will identify proper torquing procedures, determine when to perform turntable lift, HOP, and side load test inspections, and how to identify

Review

Preventative Maintenance 3

Participants will discuss hydraulic system pressure checks, the rotation bearing and gearbox, structural tests, manual stowage, and Atmospheric Vent.

Completed

Preventative Maintenance 1

Technicians will identify sections of the Alterc Maintenance Manual, discuss how to conduct a preventive maintenance inspection.

Axis

This course is aimed at introducing technicians to uses for the AXIS tool and AXIS maintenance practices.



Sections Design

2:14 PM

# TRAINING RESOURCES

## ASSEMBLY INSTRUCTIONS



## GAGE INSPECTION



## E-STOP RESET



## CLEAR & RESET FAULT



# TRAINING VIDEOS

## ASSEMBLY INSTRUCTIONS



## ENGINE INSPECTION



## E-STOP RESET



## ASSEMBLY INSTRUCTIONS





# IGEAR<sup>®</sup> INSIGHTS



Microsoft 365



Microsoft 365 Files  
(where they are located)



Synchronize with Folders/Files  
in the Cloud or Network Share



API Calls to Azure  
(Integrate with your Active Directory)



Power BI



Grafana



Qlik



Microsoft<sup>®</sup>  
SQL Server<sup>®</sup>  
Reporting Services

Drill Down into Dynamic Reporting Tools



Microsoft Teams Add-On



Ignition  
by inductive automation



PowerApps

Web Applications



Standard File Formats



Real Time  
Streaming Protocol (RTSP)



# Digital Transformation of Visual Management Boards

Extended Capabilities - Enhance Collaboration



Integrated  
Messaging



Microsoft Teams Add-On



Customizable  
Workflows Provide  
Guidance



Escalation Rules  
Bring Expert Help



Track Progress on  
Action Plans





## Extended Capabilities - Enhanced Collaboration

Sections

Design

Status

Countermeasures

Training & Troublesh...

OP20 Live Status (SQUEAKS Dashboard)

	Status	Calls
OP10	Running	Parts
OP20	Running	None
OP30	Running	None
OP40	Running	None

OP20 Downtime History (Power BI Report)

OP20 Alarm History (Ignition Report)

OP20 SQDC KPIs (Grafana Report)

5:17 PM  
May 30

Today  
69°  
Partly sunny

69° | 57°

Saturday  
A t-storm around in the p.m.  
75° | 48°

Sunday  
Mostly sunny  
75° | 52°

SQUEAKS® Chat SQUEAKS One-Source™

Present now

help

SQUEAKS® 5:06 PM

Welcome to the IGear Squeaks Bot!

Here are some things you can do with the bot:

1. List - Get a list of all available resources using the command 'List ResourceType'. Just replace ResourceType with one of the following: Boards, Metrics, Dashboards, or Sources.
2. Get - View resources in Squeaks like Boards, Metrics, and Sources using the command 'Get ResourceName'. Just replace ResourceName with the name of item you're looking for.
3. Call For - Send a Squeak using a predefined template using the command 'Call For TemplateName' or view all templates using the command 'Call For ?'.
4. Use the SQUEAKS Bot Assistant to send Call For messages, send a Squeak, or browse all the available resources.

Open Assistant

SQUEAKS® 5:06 PM

ControlTech Systems, LLC

8 Terminal Expressions CND - Paula Conda Report

8/27/24

4.9.2.4.2 Clearing and Resetting the Door Obstruction Fault

Follow the steps below to clear and reset a Door Obstruction Fault:

1. Use section 3.13.2 for more information. Before clearing the Fire Security Door's path and resetting the fault, the operator must activate the EMERGENCY STOP Pushbutton on the control station. Use section 3.13.2 for more information.
2. Check the Door Clear Protocol.

Remove the bag blocking the photocell and ensure the photocell becomes clear. Or ensure that the condition causing the fault has been corrected.

3. When the Door Clear Protocol becomes clear or the fault is corrected, then the FAULT Pushbutton Illuminates (glows) on the Fire Security Door Control Panel. The illumination has shifted from solid illumination to flashing illumination, which indicates that the FAULT is ready to be reset.
4. Pull out the activated EMERGENCY STOP Pushbutton on the associated control station.

Open

SQUEAKS® 5:06 PM Edited

Assembly Line 1 - Current Shift

8:22 PM

Running

69

0

0

1.9 mins

75%

81%

View prompts

Type a message

Activity

Chat

Calendar

Calls

OneDrive

Copilot

SQUEAKS®

Planner

...

Apps



# Digital Transformation of Visual Management Boards

Extended Capabilities - Real-Time Connectivity



Connect to Machines  
for Automated Data  
Collection



Integrate with  
CMMS, ERP, etc.



Contextualize Your  
Factory Floor Data



Engage Teams with  
Real-Time Insights



## Extended Capabilities - Real-Time Connectivity



# Digital Transformation of Visual Management Boards

## Get Started - Link Your Existing Sources



**Link Your Existing Sources**



**Interactive & Visible Across Devices**



**User Authentication - Security, Privileges**



**Live Sources & Thumbnail Previews**



**User Configurable - No Code**



## Extended Capabilities - Additional Sources



**Web Applications**



**Include Rich, Multi-Media Files, etc.**



**Microsoft Teams Add-on**

## Extended Capabilities - Enhance Collaboration



**Integrated Messaging**



**Customizable Workflows Provide Guidance**



**Escalation Rules Bring Expert Help**



**Track Progress on Action Plans**

## Extended Capabilities - Real-Time Connectivity



**Connect to Machines for Automated Data Collection**



**Contextualize Your Factory Floor Data**



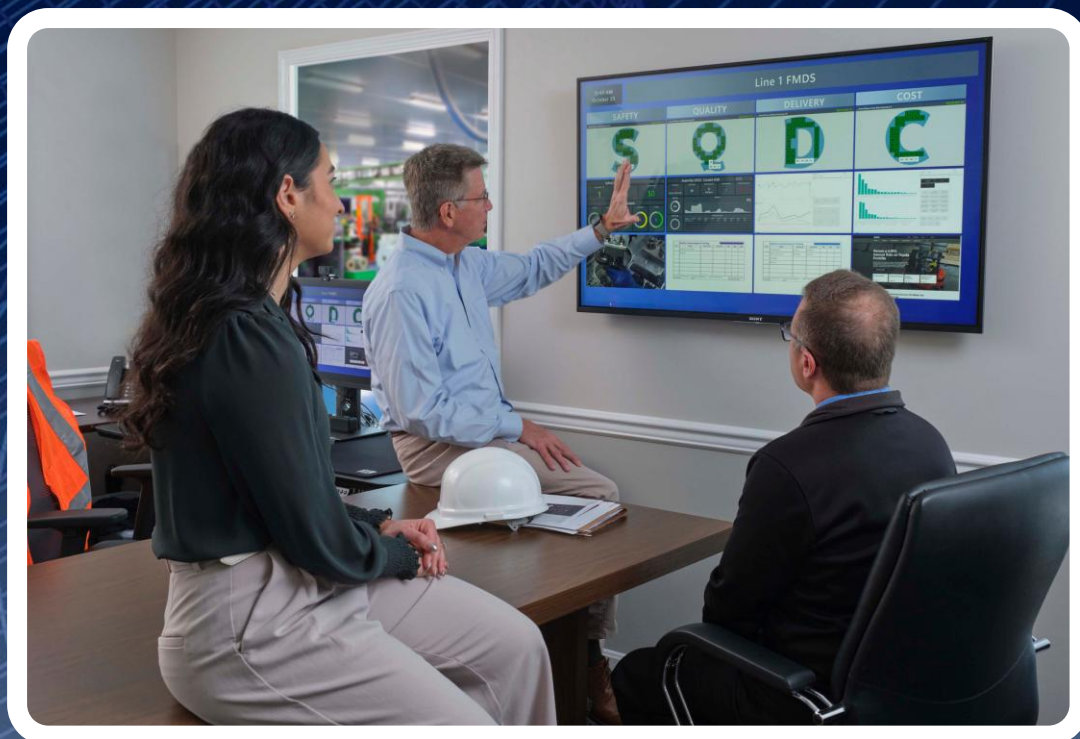
**Integrate with CMMS, ERP, etc.**



**Engage Teams with Real-Time Insights**



# IGEAR<sup>®</sup> INSIGHTS



THANK YOU!

IGEAR<sup>®</sup>