IGEAR

Helping Industrial Organizations Run Better Operations.

Real-Time Operational Context. Coordinated Response. Measurable Improvement.

CONNECT PROVIDES REAL-TIME MACHINE/PROCESS CONTEXT.

SQUEAKS TURNS THAT CONTEXT INTO
COORDINATED ACTION & RESPONSE INTELLIGENCE.

Because you can't solve today's problems with yesterday's data.

Trusted by Leading Industrial Organizations

TOYOTA · Bendix · JTEKT · Metalsa · MERITOR · Reynolds
MARTINREA · KIA · MAGNA · Genesis Systems · CNH · BENEKE
TOYODA GOSEI · West Fraser · CenturyALUMINUM · Koyo · GOODYEAR · Dawn
Graphic Packaging · Ford · DANA · JOST · ATD · FCA
AMATROL · Crookham · NORTH AMERICAN LIGHTING · myers · Gestamp · AISIN
DENSO · AUTOKINITON · NUCOR · TOYOTA BOSHOKU · STELLANTIS · TOYOTA MATERIAL HANDLING

IGEAR

From Real-Time Operational Context to Coordinated Action

CONNECT provides the production-proven, real-time operational foundation – connecting, controlling, contextualizing, and delivering information across the operation.

SQUEAKS uses that context to orchestrate human response and create measurable response intelligence.

Plant-Floor Reality

Data and decisions are distributed across machines, systems, processes, and people.

- PLCs
- Torque Tools
- Computer & Machine Vision
- Ethernet Devices
- MQTT
- HMIs, SCADA, MES
- ERP
- Historians
- Databases
- APIs
- Spreadsheets
- Documents

Today's Challenge:

Reliably moving real-time operational data that can change in milliseconds – and using it to support production decisions happening right now.

You can't solve today's problems with yesterday's data.

Live Unified Operational Context

IGear Connect creates a Live Operational Context by continuously collecting real-time data from diverse manufacturing equipment and technologies, combining it with historical performance and process relationships, and delivering the context AI needs to identify causes, predict impacts, and drive operational decisions.

CONNECT isn't merely monitoring the factory.
It has been participating in the operation of the factory for decades.

connect

CONNECT

Connect to more technologies, extract, and move data to any system using time, event, or custom triggers.

CONTROL

Control the process with bi-directional movement of data between technologies with embedded logic and business rules.

connect 2027

CONTEXTUALIZE

Add production meaning by turning live operational signals into unified contextual insight across a diverse set of data sources.

DELIVER

Serve operational data to people, apps, and AI with an orchestration layer for detecting conditions, coordinating responses, and executing business and plant workflows.

CONTEXT

- Line
- Asset
- Shift
- Plant
- Time
- Status

Data organized and exposed through

CESMII i3X · REST · MCP · KQL · OPC UA · MQTT Sparkplug

Industrial AI is only as useful as the live, unified manufacturing context behind it.

CONNECT provides real-time machine, process, and production context to any AI platform.

squeaks · Microsoft Teams · Ignition

Response Orchestration + Response Intelligence Platform

Connected Workers need real-time performance feedback. Support teams need context, prioritization, guidance, knowledge, coordination. Management needs visibility, measurement, learning

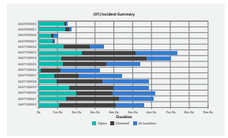
REAL-TIME OPERATOR FEEDBACK

Am I winning or losing the day?

- **Notifications** – Alert the Right People at the Right Time.
- **Best-Fit Responder** – Matches skill, proximity, availability & workload.
- **Workflows** – Standardize Steps & Assign Owners.
- **Collaboration** – Communicate, Update, & Resolve Together.
- **Escalation** – Automatically Escalate when needed.
- **Live Dashboards** – Drag-and-drop dashboards bring real-time visibility.

RESPONSE INTELLIGENCE

- Who responded + when
- Acknowledge / arrive / resolve
- Workload + effectiveness
- Human-response context





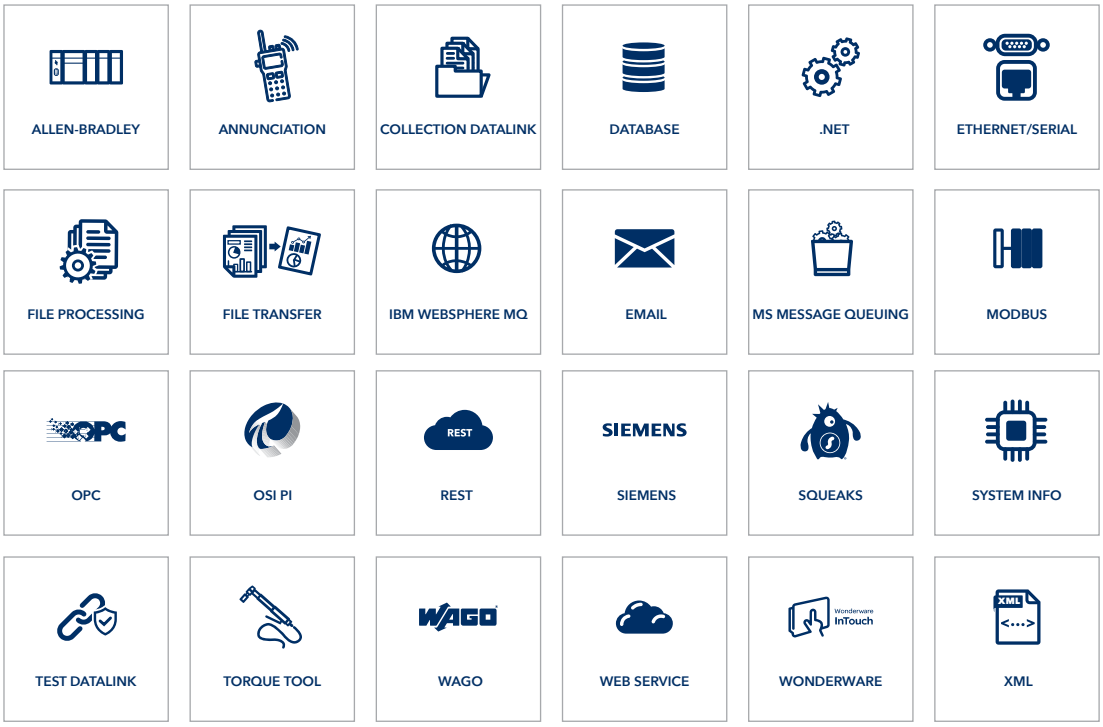
25+ YEARS PRODUCTION RUNTIME · BI-DIRECTIONAL INTEGRATION · OPEN + CONFIGURABLE · RESPONSE ORCHESTRATION + INTELLIGENCE

www.igear.com sales@igear.com

POWERFUL DATALINKS FOR OPERATIONAL CONNECTIVITY

Datalinks provide the communication channels between CONNECT and the devices, applications, databases and systems that support your operations. Each Datalink is designed to enable reliable data exchange with specific technologies, protocols, or software platforms.

The following Datalinks are included with CONNECT.
Additional Datalinks are also available to support a broader range of integration requirements.



©2026 IGEAR, LLC
sales@igear.com