

AI Asterion | SiteComm

The Conversational Layer for Industrial Operations

Where your team already talks is where the platform should answer.



EXECUTIVE SUMMARY

SiteComm surfaces every Asterion module through voice, chat and the channels your team already uses — no app to open, no dashboard to navigate. Just speak, message or call.

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Real-time voice and chat with sub-second turn-taking, drawing on the full depth of the Asterion platform.
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One conversational layer across the channels your team runs on — call, message and meeting.
- 

Persona-tuned domain expertise — operations, safety, project and turnaround — matched to each workflow.
- 

Audit-grade governance: multi-tenant isolation, full transcripts, consent rules and hard cost caps.



Answers on the pit edge — by voice, no stop-work moment



WHAT SITECOMM ENABLES

- 1

Query the platform by voice, mid-task or mid-meeting
- 2

Dictate defects and capture incidents without stopping work
- 3

Read back asset, reliability and workforce answers in seconds
- 4

Conversations that follow the person across channels
- 5

A persona library tuned to your operational reality
- 6

A full transcript and structured summary on every interaction



EFFICIENCIES DELIVERED

- 

No stop-work moment to navigate an app
- 

Expertise unlocked from the desk and shared across the crew
- 

Faster decisions from cited, source-backed answers
- 

Communication governed, audited and cost-capped by design

The Communication Gap

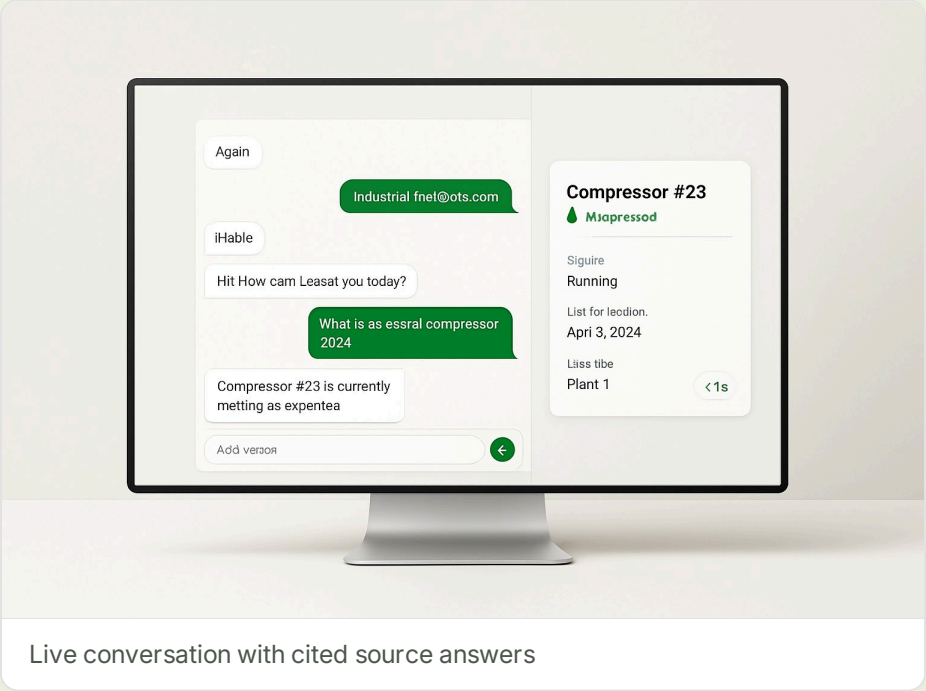
Platform intelligence locked behind apps and dashboards slows the people who most need it. SiteComm closes the gap by meeting operations where they already communicate.



WHERE INTELLIGENCE GETS STUCK

The problem is rarely the data — it is the distance between a question and the answer.

-  Apps demand attention — typing on a tablet at a pit edge or mid-meeting is the wrong tool for the moment.
-  Expertise is bottlenecked with whoever happens to be at a workstation that hour.
-  Channels sit in silos — calls, messages and meetings don't know what the others, or the platform, already said.



20% of the work week is typically lost searching for and gathering information	<1s voice and chat turn-taking response	15%+ maintenance cost reduction across the platform	24/7 conversational access to operations
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SIX CHANNELS,
ONE
CONVERSATIONAL
LAYER



Voice
&
chat



Inbound
&
outbound
calls



SMS &
WhatsApp



Email



Teams
meeting
agent



Persona
library

Use Cases Across Every Module

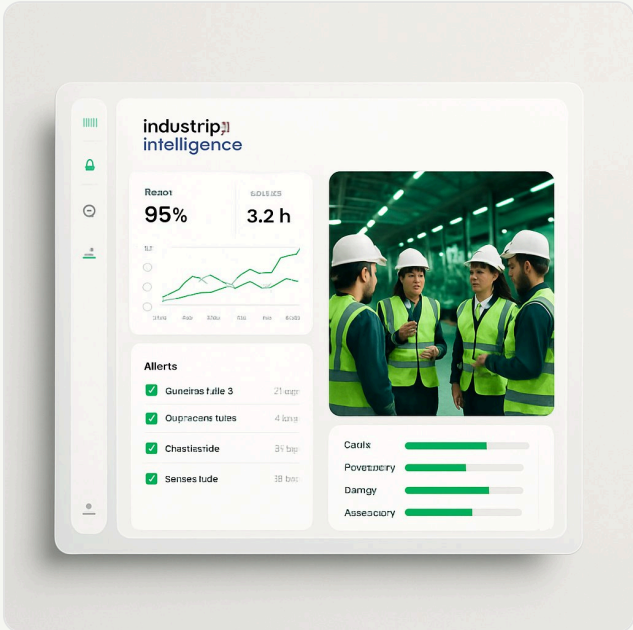
SiteComm doesn't add another app. It surfaces every other Asterion module through the conversations your team already runs — turning platform intelligence into answers in the moment.



1 Field Crew — Voice Capture



2 Turnaround Standup — Meeting Agent



3 Safety Toolbox Talk

MODULE IN CONVERSATION

EFFICIENCY UNLOCKED

- 1

**AssetVault**
'What's the maintenance history on Pump 12?' asked mid-meeting

→

Source asset cited, answered in seconds
- 2

**ReliCore**
Reliability persona answers RCM, FMEA and MTBF questions in-call

→

Failure reviews without a laptop
- 3

**TurnSure**
Shutdown persona tracks the critical path at the standup

→

Slipping milestones flagged live
- 4

**Inspecta**
Field crews dictate defects by voice over the phone

→

Filed and routed to the right owner

MODULE IN CONVERSATION

EFFICIENCY UNLOCKED

- 5

**SHREQ360**
Safety persona captures incidents at the toolbox talk

→

Overdue certifications surfaced by name
- 6

**LexSphere**
Counsel persona pulls obligation clauses on a vendor call

→

Playbook deviations flagged as they happen
- 7

**ESG Beacon**
Operators speak their environmental readings

→

Ranges validated, audit gaps closed early
- 8

**CrewOptix**
'Who's qualified for the haul truck on B-shift Friday?'

→

Roster, competency and fatigue in seconds

CORE EFFICIENCIES



No stop-work app navigation



Expertise on demand, anywhere



Decisions backed by cited sources



Every interaction transcribed and audited

Governed, and Ready to Deploy

SiteComm is built for regulated, audited, multi-tenant operations — with governance and cost controls agreed before a single agent goes live.

Start with a conversation diagnostic.

 CHANNEL AUDIT

- 1

Map the calls, messages and meetings where intelligence is locked away
- 2

Identify the modules worth accessing in conversation

 PERSONA DESIGN

- 1

Tune voice, tone and domain knowledge to your operation
- 2

Match personas to real workflows and roles

 GOVERNANCE BASELINE

- 

Cost caps and consent rules agreed before go-live
- 

Audit retention and escalation thresholds set
- 

Multi-tenant isolation on every record



WHERE YOUR TEAM TALKS TODAY IS WHERE THE PLATFORM ANSWERS.



Scan to explore SiteComm online →
<https://aiasterion.com/modules/sitecomm.html>

