

Navigating the Azure AI seas

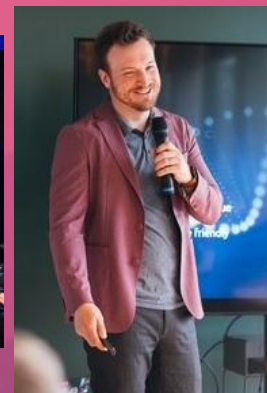
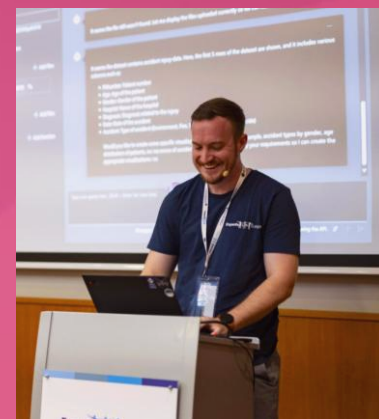


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Service	Description
 Azure AI Agent Service	Combine the power of generative AI models with tools that allow agents to access and interact with real-world data sources.
 Azure AI Model Inference	Performs model inference for flagship models in the Azure AI model catalog.
 Azure AI Search	Bring AI-powered cloud search to your mobile and web apps.
 Azure OpenAI	Perform a wide variety of natural language tasks.
 Bot Service	Create bots and connect them across channels.
 Content Safety	An AI service that detects unwanted contents.
 Custom Vision	Customize image recognition for your business.
 Document Intelligence	Turn documents into intelligent data-driven solutions.
 Face	Detect and identify people and emotions in images.
 Immersive Reader	Help users read and comprehend text.
 Language	Build apps with industry-leading natural language understanding capabilities.
 Speech	Speech to text, text to speech, translation, and speaker recognition.
 Translator	Use AI-powered translation technology to translate more than 100 in-use, at-risk, and endangered languages and dialects.
 Video Indexer	Extract actionable insights from your videos.
 Vision	Analyze content in images and videos.
 Azure Machine Learning	Accelerate and manage the machine learning (ML) project lifecycle.



**Love to dance
and all sorts of
outdoor
activities**

**Over a decade in
the tech industry
with 9 years
focusing on cloud**

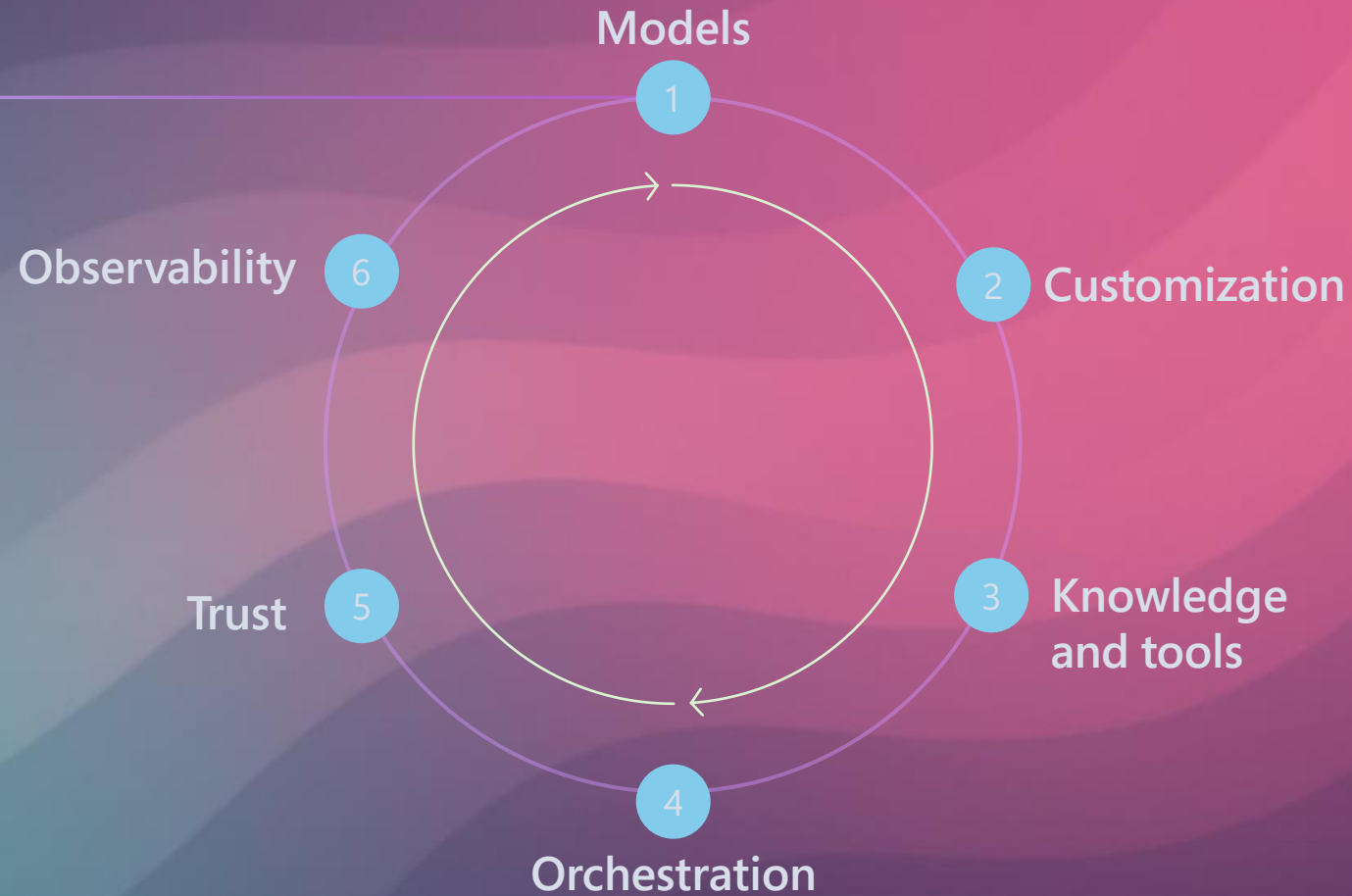
**Part of
Microsoft
Responsible AI
Innovation
Center**

Public speaker

**Contributor to
Open-source**



GenAI Development Fundamentals





Azure AI Foundry



Copilot Studio



Visual Studio



GitHub



Foundry SDK



Foundry Models

Foundry Agent Service

Azure AI Search

Azure AI Services

Azure Machine Learning

Azure AI Content Safety

Foundry Observability



Security & Governance



Control



Azure Kubernetes Service



Azure App Service



Azure Container Apps



Azure Functions



Serverless

Cloud



Azure



Azure Arc



Foundry Local



Edge

Azure AI Foundry ecosystem



Copilot Studio



Visual Studio



GitHub



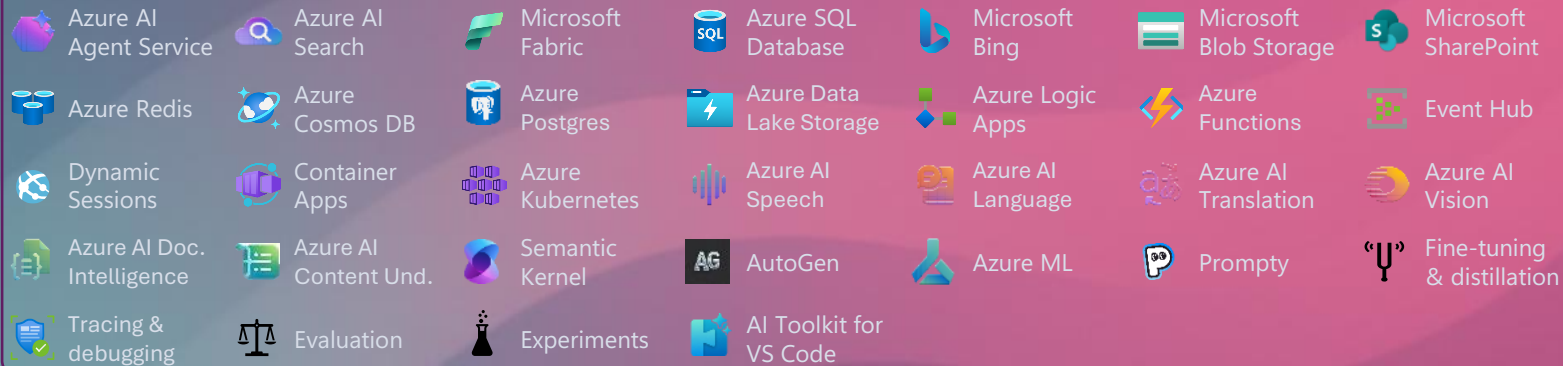
Azure AI Foundry SDK

Design with the best models

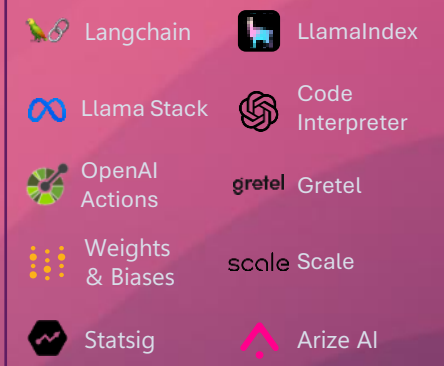


Customize with a comprehensive agent toolchain

1P offerings



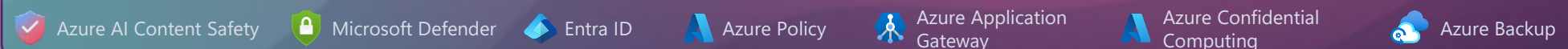
3P offerings



Manage performance in production



Safeguard with Trustworthy AI





Ranking **Stephen Hawking**

X GAMES
SURFING
FINALS
1997

Sora 2 Ai Clips

1

2

3

He on X Games 🏆

4

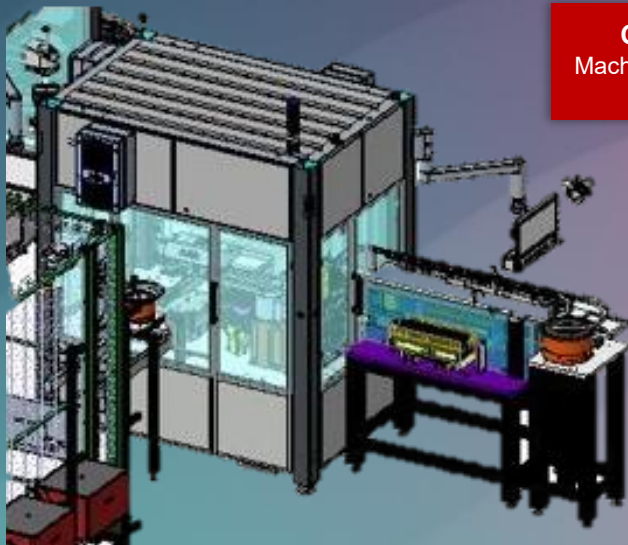
Title Match 🏆

5

Stephen Hawk 🏆



Troubleshooting our machinery is complex due to multiple different causes from multiple domains.



Ongoing Stop
Machine will not continue
its operation



Mechanical

Have something been bent? Do everything align?

Network

Is there some greater network outage? Is there any newly imposed firewall blockings?

IT Applications

Is the service we are communicating with up? Are there any DB locks?

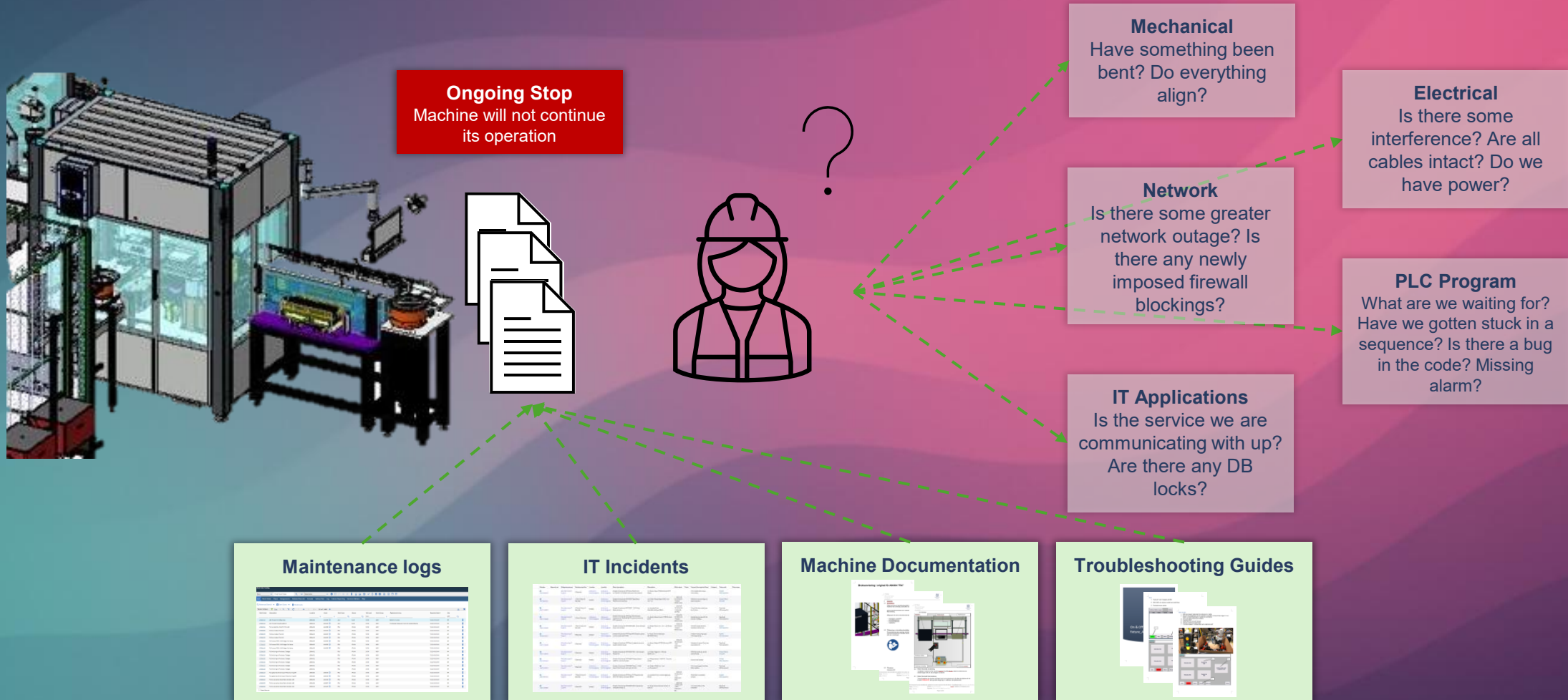
Electrical

Is there some interference? Are all cables intact? Do we have power?

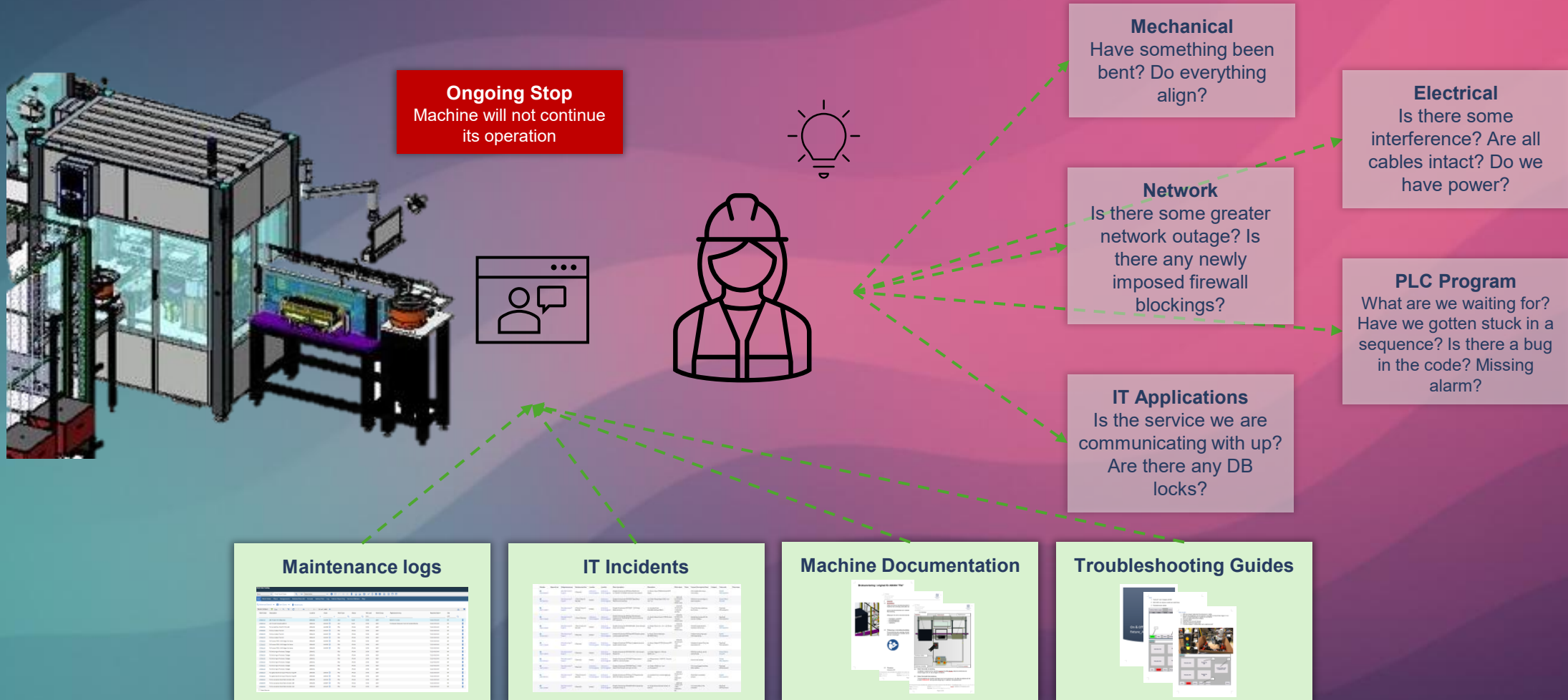
PLC Program

What are we waiting for? Have we gotten stuck in a sequence? Is there a bug in the code? Missing alarm?

Our documentation is spread out in multiple places, you need to know where to look!



Through leveraging Generative AI on our data, we provide one single interface to all data.



Chat

Here you can ask questions about the factory, and you can query documents (manuals, etc), incidents (from ServiceNow), and workorders (from Maximo).

ASK

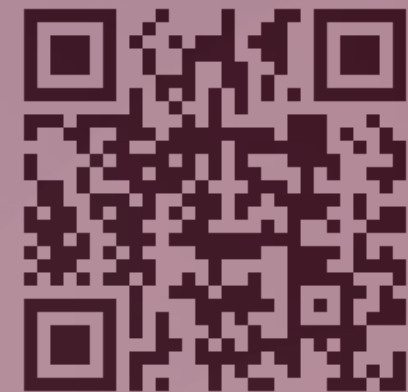
Chat

Here you can ask questions about the factory, and you can query documents (manuals, etc), incidents (from ServiceNow), and workorders (from Maximo).

Ask me about a line or machine...

ASK





**THANKS FOR
LISTENING**



<https://www.microsoft.com/en/customers/story/24010-husqvarna-hq-azure>