contextere

Blue Collar AI™

Contextere is an industrial AI company providing real-time insights to support maintenance, repair, and operations. Our mission is to empower the world's blue collar workers with the skills, tools, and knowledge they need to reach their potential.

Our flagship product Madison is an Insight Engine & Industrial Chatbot providing AI-powered decision support for technicians operating and maintaining complex equipment. Working with Fortune Global 500 companies, Contextere has been recognized since 2015 as a global innovator by the World Economic Forum, Gartner, and Forbes.

Human-centric solutions

Purpose built

Despite automation, digitization, and predictive planning initiatives, industrial workers at the coal-face continue to make the minute-by-minute decisions that impact productivity, safety, and cost. Demographic shifts and a growing skills gap have disrupted every industry. Aging workers are being replaced by those with less experience but more autonomy. Industrial maintainers and operators who keep the gears of our economy moving cannot be effective if they do not have the knowledge required to execute their tasks.

We take a human-centric approach towards industrial software. We don't see a future driven by more job loses due to automation, but more opportunities through technology. Putting real-time insights into the hands of blue collar industrial workers leads to better decisions, increased productivity, and higher asset utilization on the last mile.

Our insight engine & industrial chatbot is built from the ground up for the specific requirements and rigors faced by blue collar industrial workers. We're experts in deploying emergent technology into complex organizations. We developed our technology hand in hand with Fortune 500 leaders.

LOCKHEED MARTIN

Carrier serco

Workers spend **30%** of their workday searching for information	**35%** to **50%** of enterprise data remains siloed and not centrally indexed

User error accounts for **20%** of unplanned downtime

Focused on the execution of work

Algorithms designed for domain-specific technical knowledge

Seamless enterprise-wide access to knowledge and data

Integrates to existing hardware and software environments

INDUSTRIAL SOFTWARE

MADISON

Get it from Microsoft

Workforce productivity & decision support

Madison is an insight engine & industrial chatbot for maintenance, repair & operations that delivers actionable insights to the last tactical mile, empowering your industrial workforce.

Madison's insight engine is the brain of the platform extracting and curating enterprise, IoT, and technical domain data. While its industrial chatbot delivers curated insights to end users without training requirements.

Imagine employees having conversations with equipment about error codes, service bulletins, IoT data, or past performance

Insight Engine

Madison is based on unique transformer neural network technology optimized for small, dynamic, and highly technical data sets. Combined with natural language processing, Madison uses a hybrid inference model designed for small footprint devices and real-time mobile applications.

Industrial Chatbot

Madison answers questions and provides actionable insights in real-time using a natural language conversational interface. Front-line workers can interact with Madison through Microsoft Teams, email, or dedicated applications on their devices.

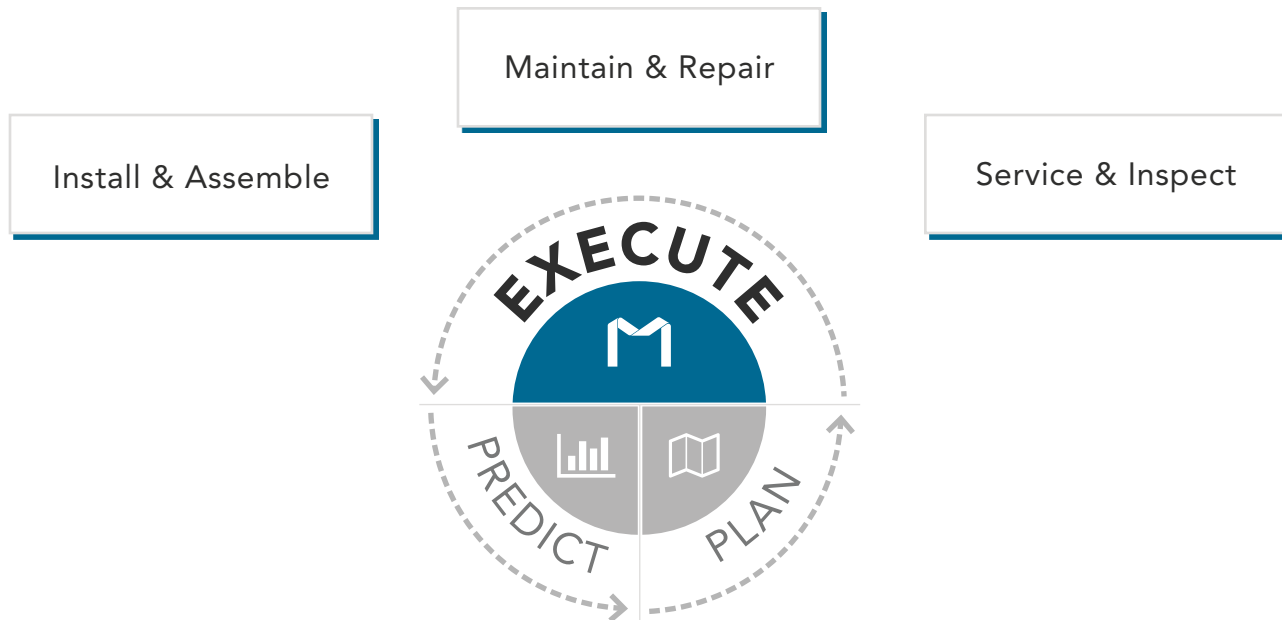| Real-time Conversations & Insights | Quick Document & Data Access | Safety Alerts & Notifications | Live IoT & Sensor Data | Collaboration & Decision Support |

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Closing the loop

In order to address the challenges of Industry 4.0 companies need to predict, plan, AND execute. Existing enterprise software and analytics are focused on the prediction and planning elements. However, even the best predictions and plans don't matter if the people on the last tactical mile don't have the insights required to execute.

At the enterprise level, large companies are littered with data silos and disconnected data. Madison curates your data where it resides so your teams have the knowledge required to get the job done right the first time.

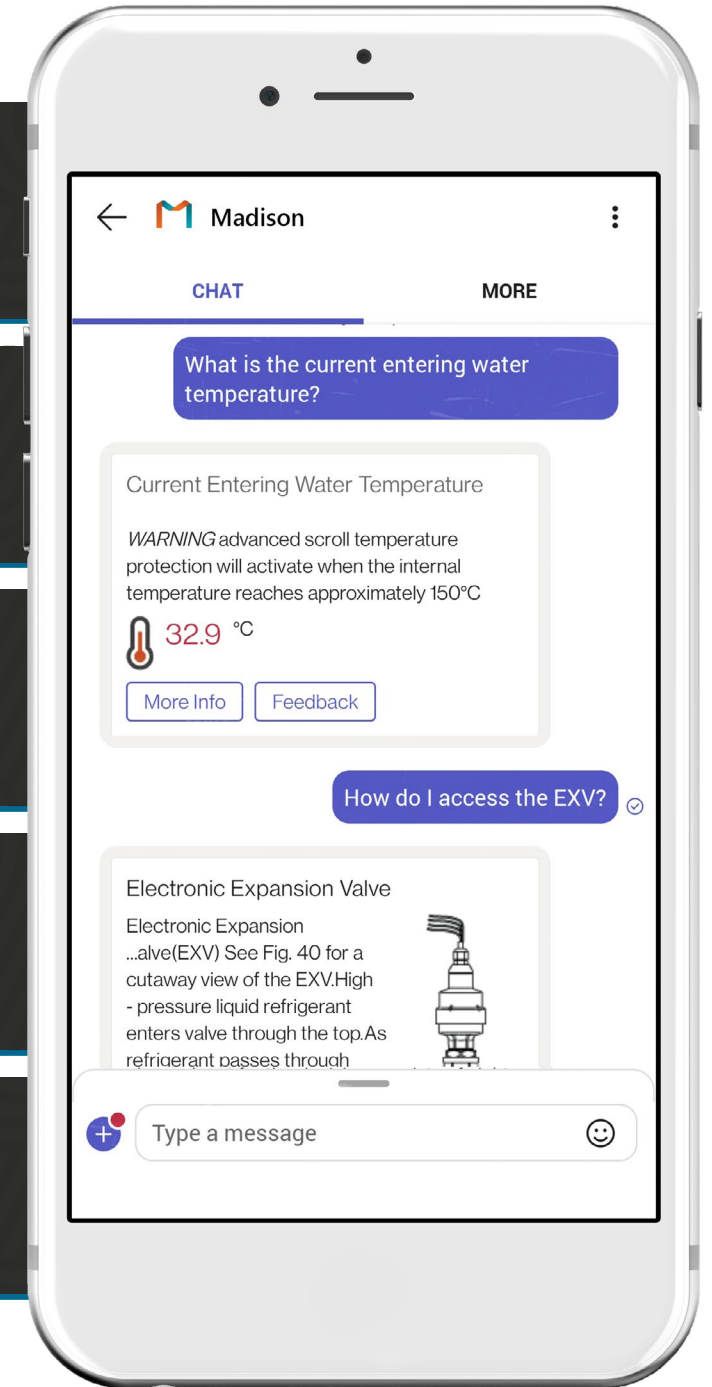With Madison, companies close the loop from prediction to execution.

Maintain & Repair

Install & Assemble

Service & Inspect

EXECUTE
M
PREDICT   PLAN

95%
First time right execution

50%
Reduction in non-productive time

75%
Less time searching for information

30%
Accelerated time to proficiency

50%
Fewer technical escalations

M **Madison**

CHAT   MORE

What is the current entering water temperature?

Current Entering Water Temperature

WARNING advanced scroll temperature protection will activate when the internal temperature reaches approximately 150℃

🌡 32.9 ℃

More Info   Feedback

How do I access the EXV?

Electronic Expansion Valve

Electronic Expansion ...alve(EXV) See Fig. 40 for a cutaway view of the EXV.High - pressure liquid refrigerant enters valve through the top.As refrigerant passes through

Type a message ☺

BELIEFS

Ingenuity Amplified

There were three impacts that motivated us to start Contextere. The first is the ability to save lives through the use of AI in the workplace. The second is to bridge the skilled worker gap where we have millions of vacant jobs yet millions of underemployed or unemployed citizens. The third is to reclaim some of the billions of dollars lost in the global economy due to inefficiency on the last tactical mile.

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