



BONDZAI

EDGE AI FACTORY

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Bondzai pitch, march 2024

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ONCE WE ACCEPT OUR LIMITS, WE GO BEYOND THEM
Albert Einstein

SLOW ADOPTION OF DEEP LEARNING @ EDGE

1 | COST OF PRODUCTION DOWNTIME

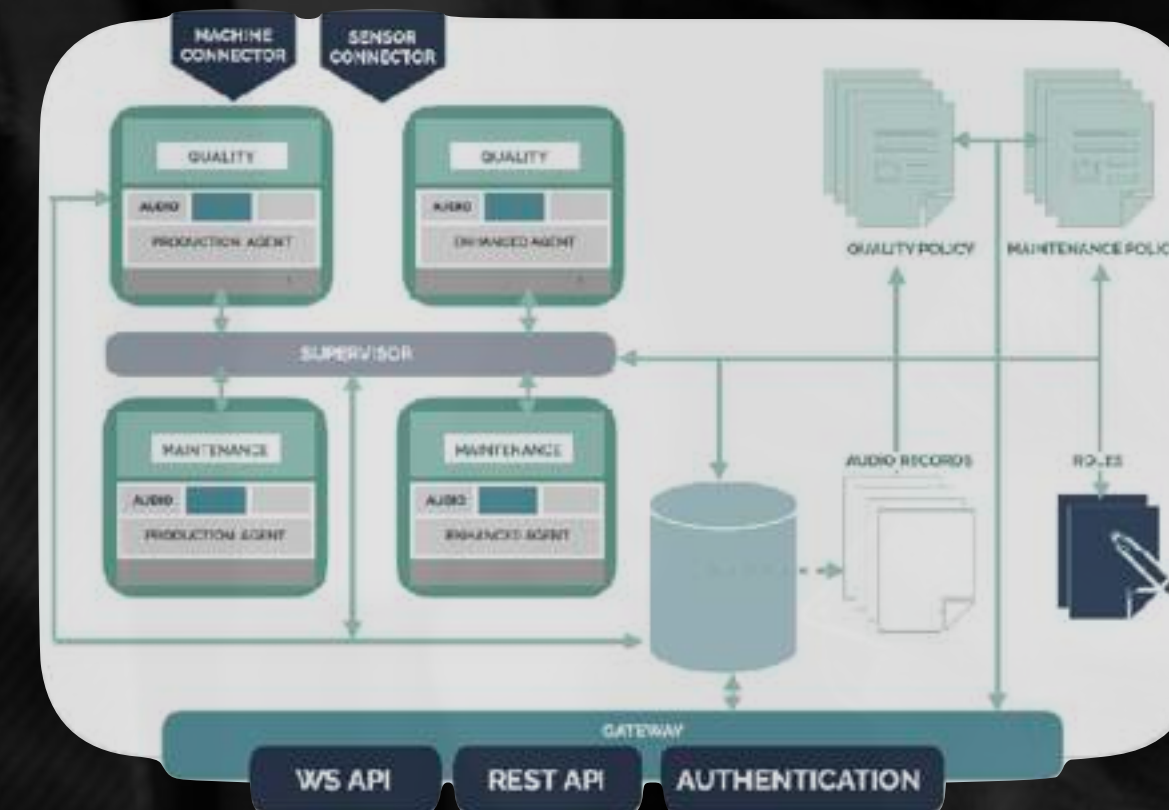
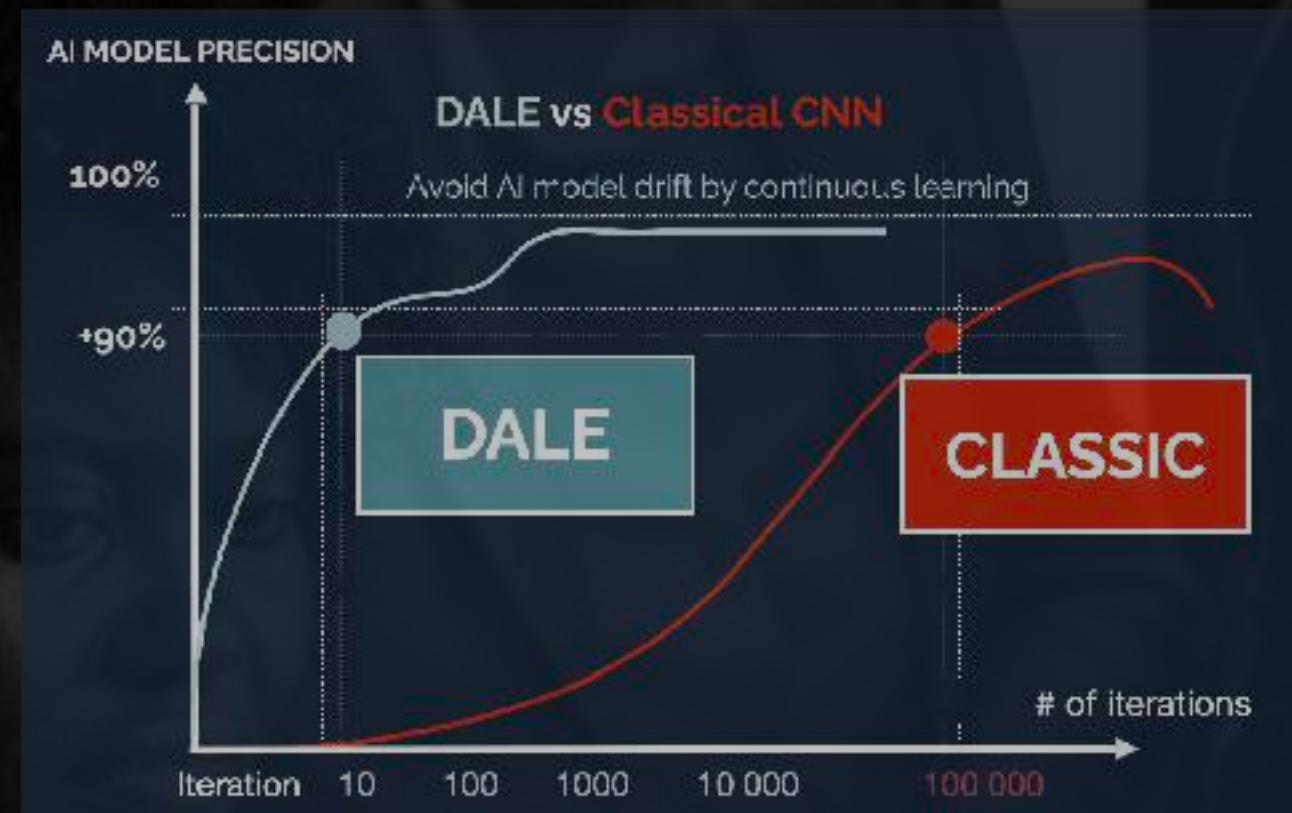
EDGE AI 2 | IIOT IMPACT AT THE EDGE
PREDICTIVE PROCESSES TRANSITION

MODELS DRIFTS
WITH ENVIRONMENT
CHANGES AND
DIVERSITY

3 | SOCIETAL & ENVIRONMENTAL CONCERNS
EDGE AI ROI CHALLENGES

BONDZAI'S INNOVATION AIMS TO SOLVE THOSE PROBLEMS

INNOVATION ADAPTIVE LEARNING



LEARN FROM LIVE DATA

DALE Engine

Patented Analytical Adaptive Learning Algorithm
enabling Instant model creation capability (msec)



Building a multilayer neural
network using the direct method

MODEL ADAPTATION TO CHANGES

i-Detect-4.0

AI Multi-Agent system enabling on-device
Seamless model maintenance (sec)



Adaptation to
environment changes

NEW

SOLUTION IDetect-4.0

THE WORLD'S FIRST
SOUND-BASED AI MULTI-AGENT SOFTWARE FOR
QUALITY CONTROL & PREDICTIVE MAINTENANCE

Sound-based Predictive Maintenance

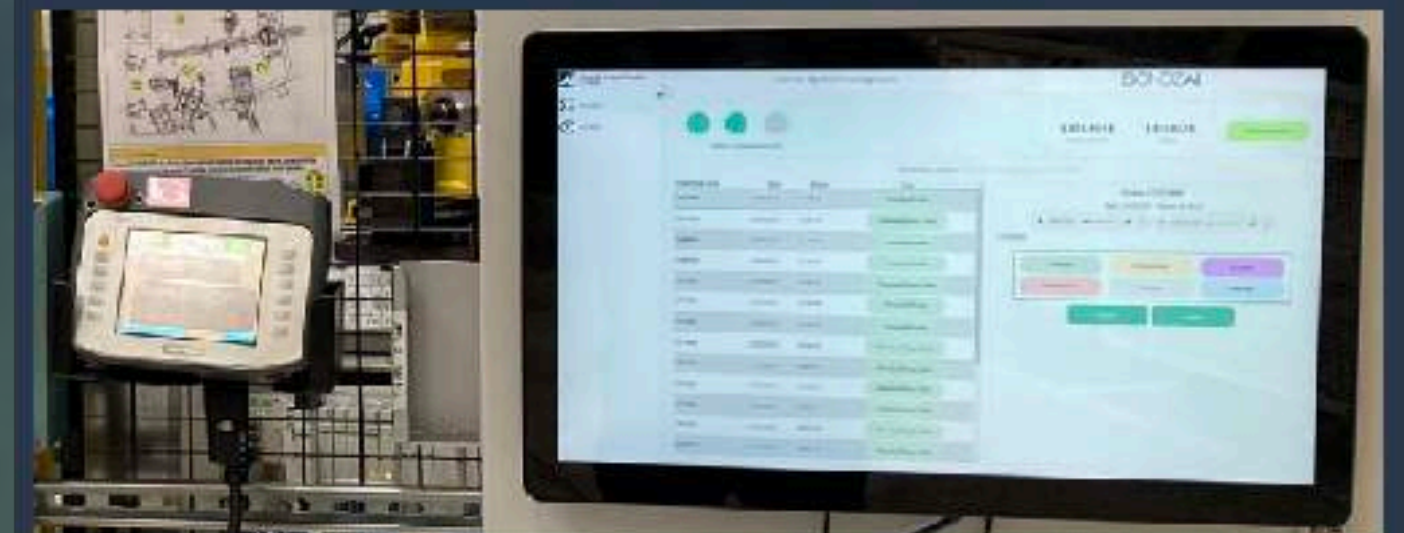


iDetect-4.0 in Renault plant

AIRBORNE QUALITY CONTROL



Quality Reinforcement Monitor



FOUR SOURCES TO
PREDICT OR QUALIFY
BUT ONLY ONE FOR
BOTH

AI-DL

AI-DL

AI-ML

DSP

IMAGES

ACOUSTICS

VIBRATION

THERMOGRAPHY

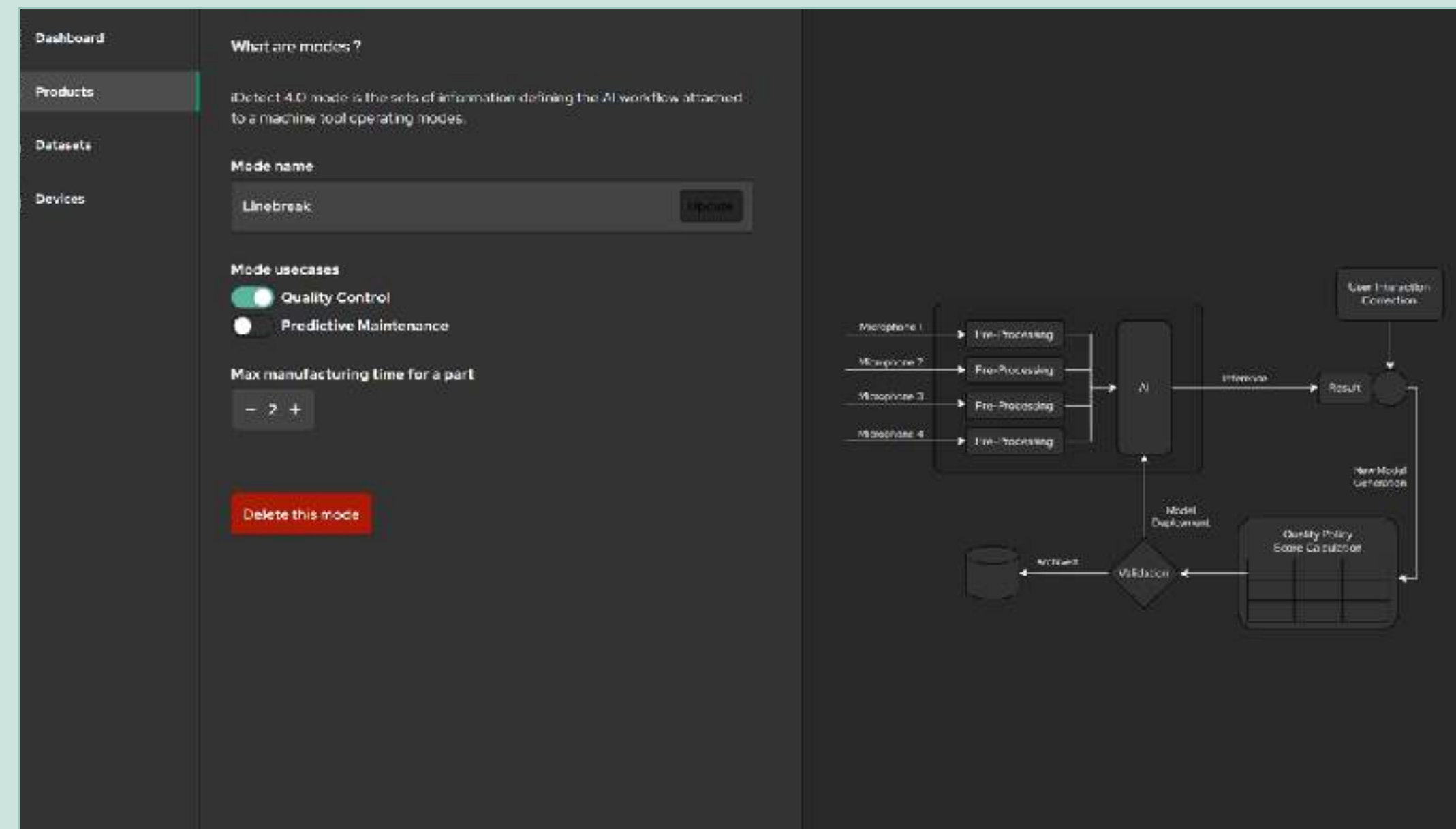
Quality
Control



Predictive
Maintenance

WITH MAESTRO, IDETECT-4.0 IS YOURS !

SAAS BASED REVENUES



No-Code



QUALITY DEPARTEMENT



PRODUCTION ENGINEERING

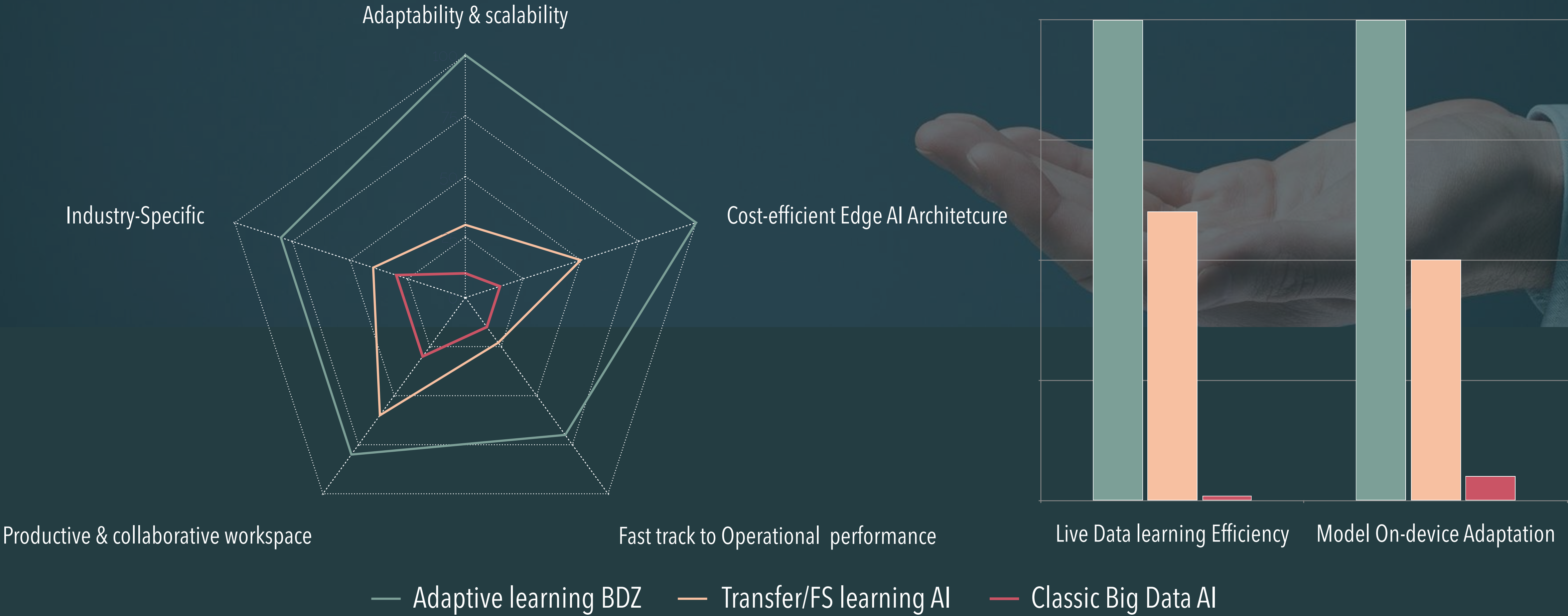


MAINTENANCE PROFESSIONALS

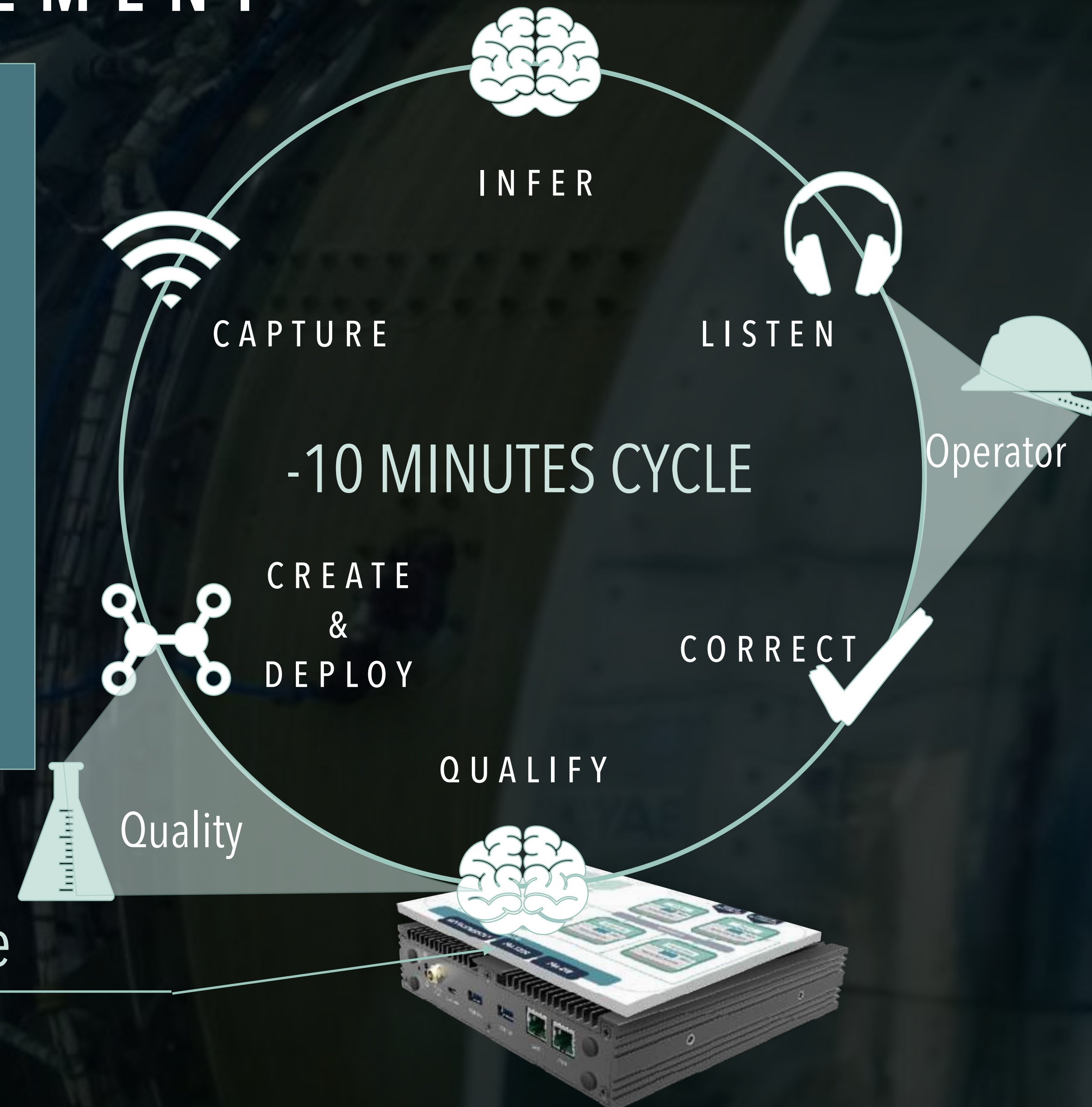
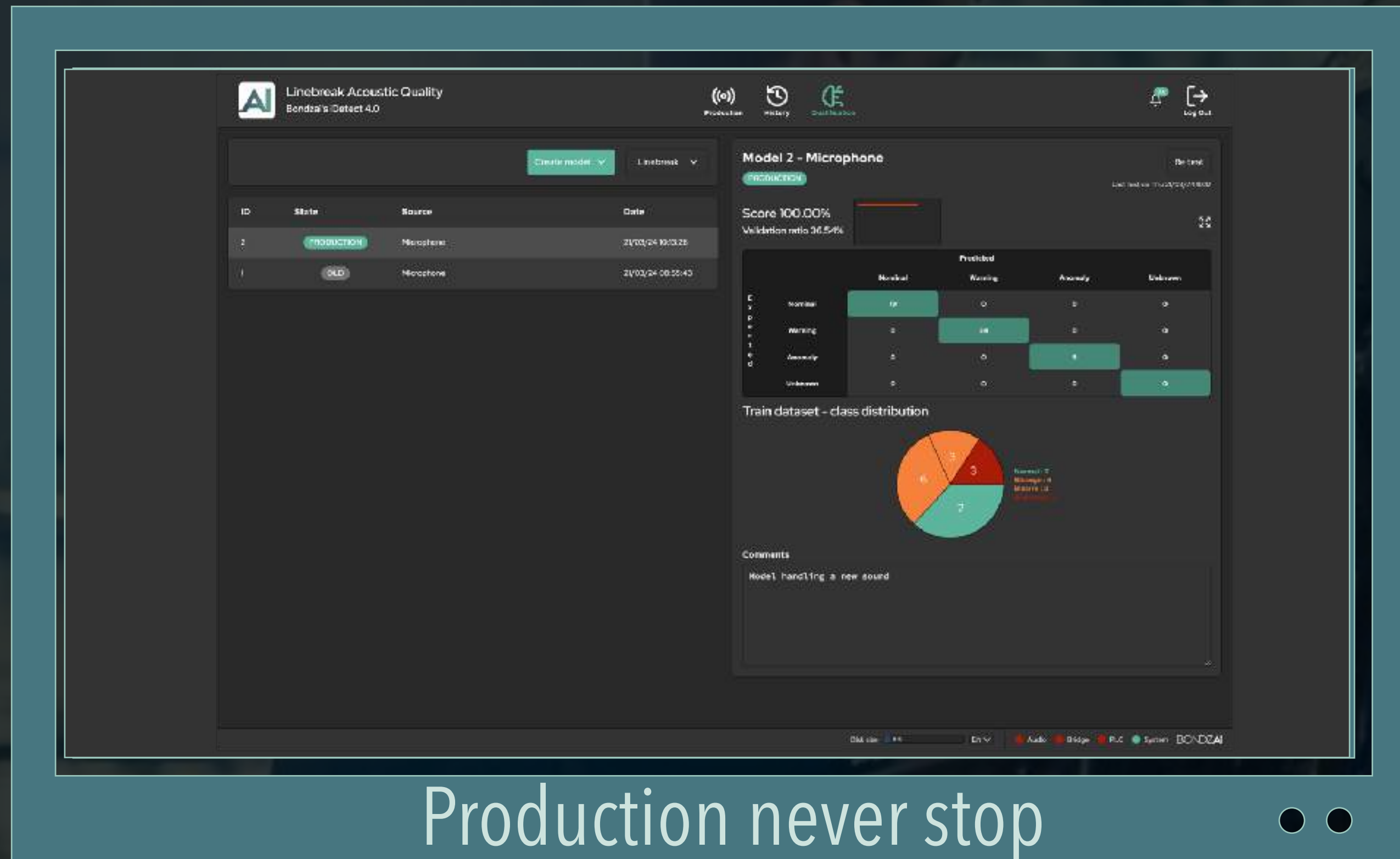


LICENSE PER UNIT BASED REVENUES

ADVANTAGES LEARNING FAST, FROM FEW



CONTINUOUS PERFORMANCE IMPROVEMENT

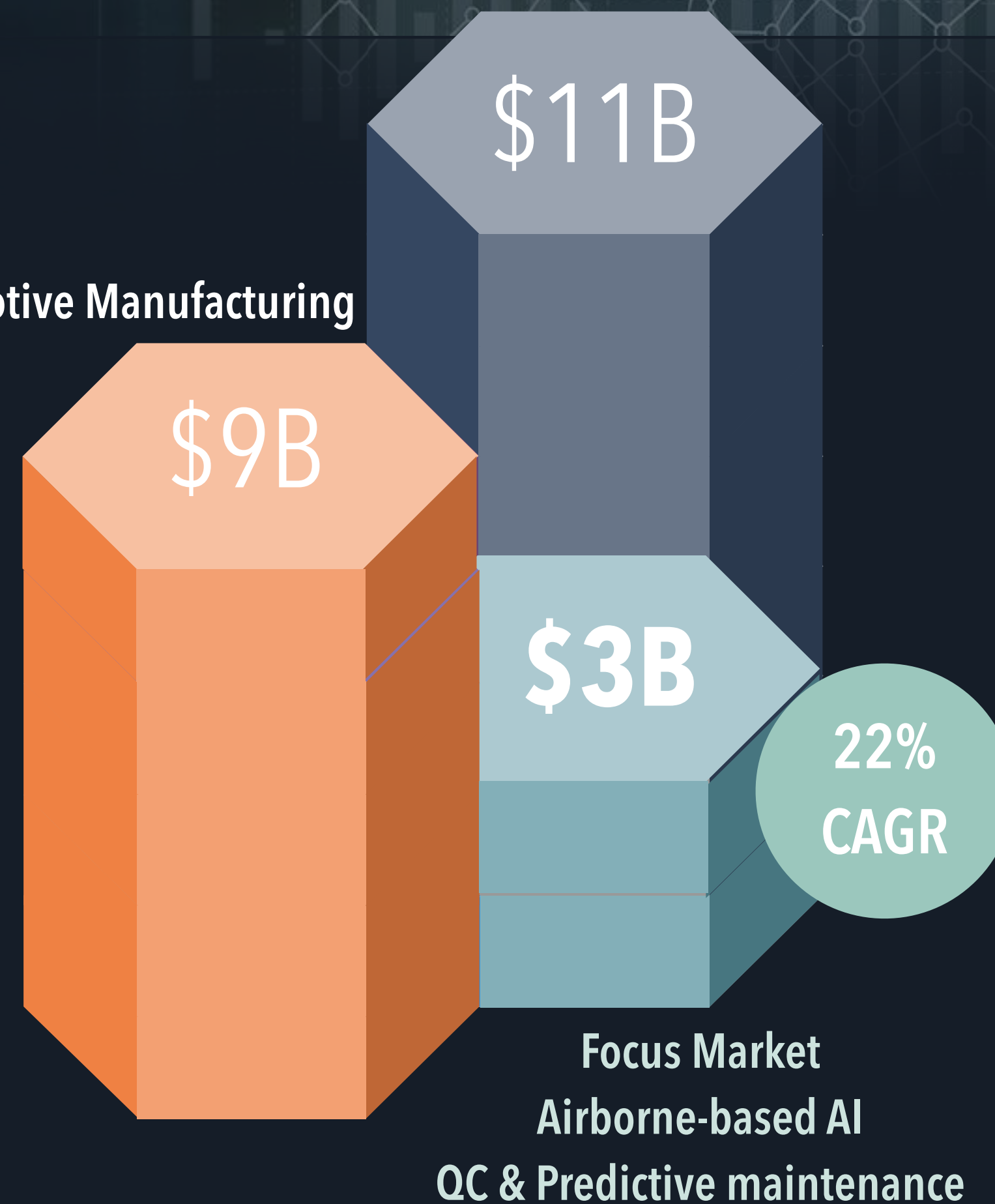


Enabled by multi-agent architecture

MARKET

FIRST FOCUS ON \$3B SOUND-BASED AI QC & PM MARKET SEGMENTS

Projected Edge AI market size 2030



Sound-based QC&PM

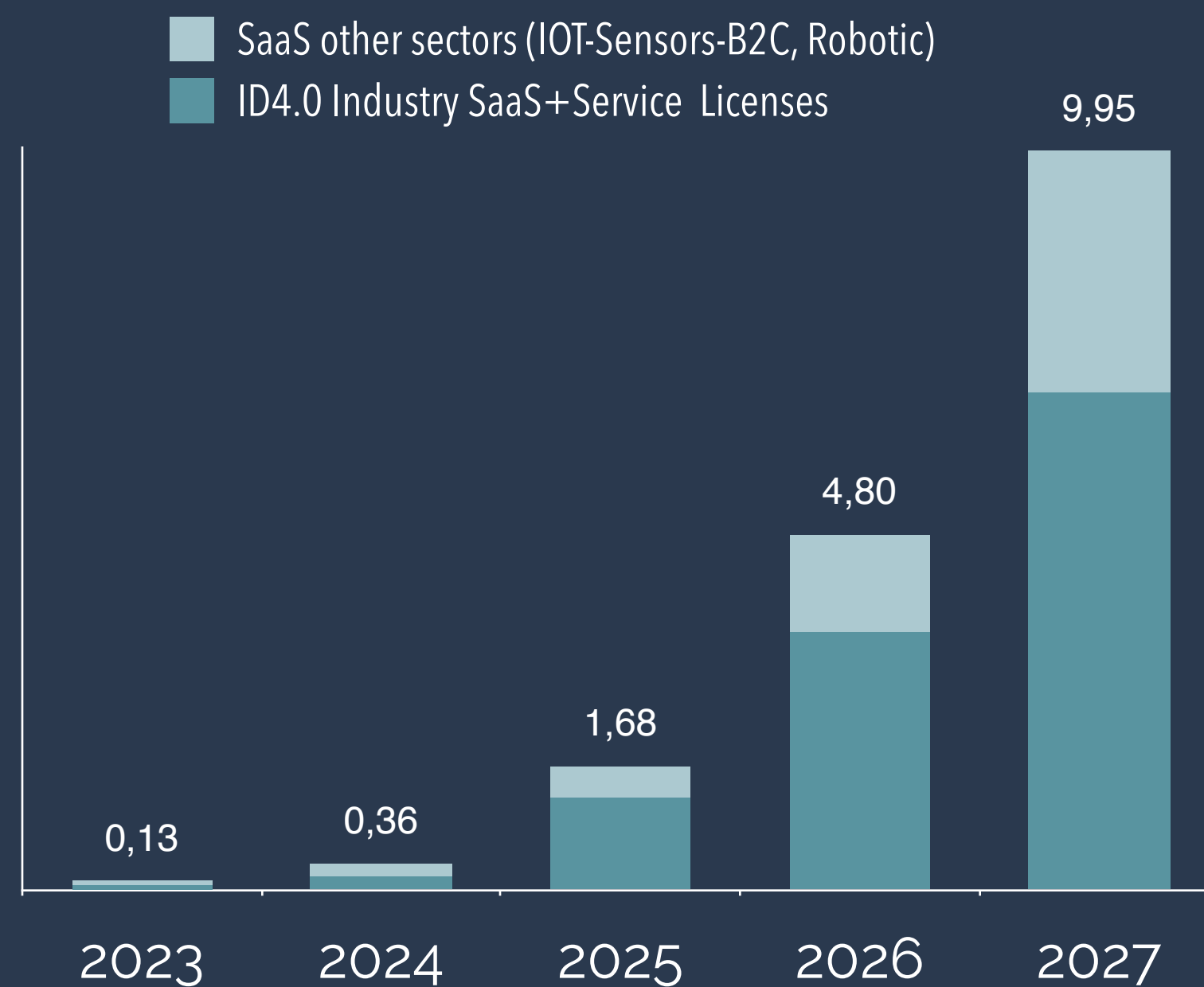
manufacturing, energy, transportation, and healthcare.

Derivative segments from Acoustics

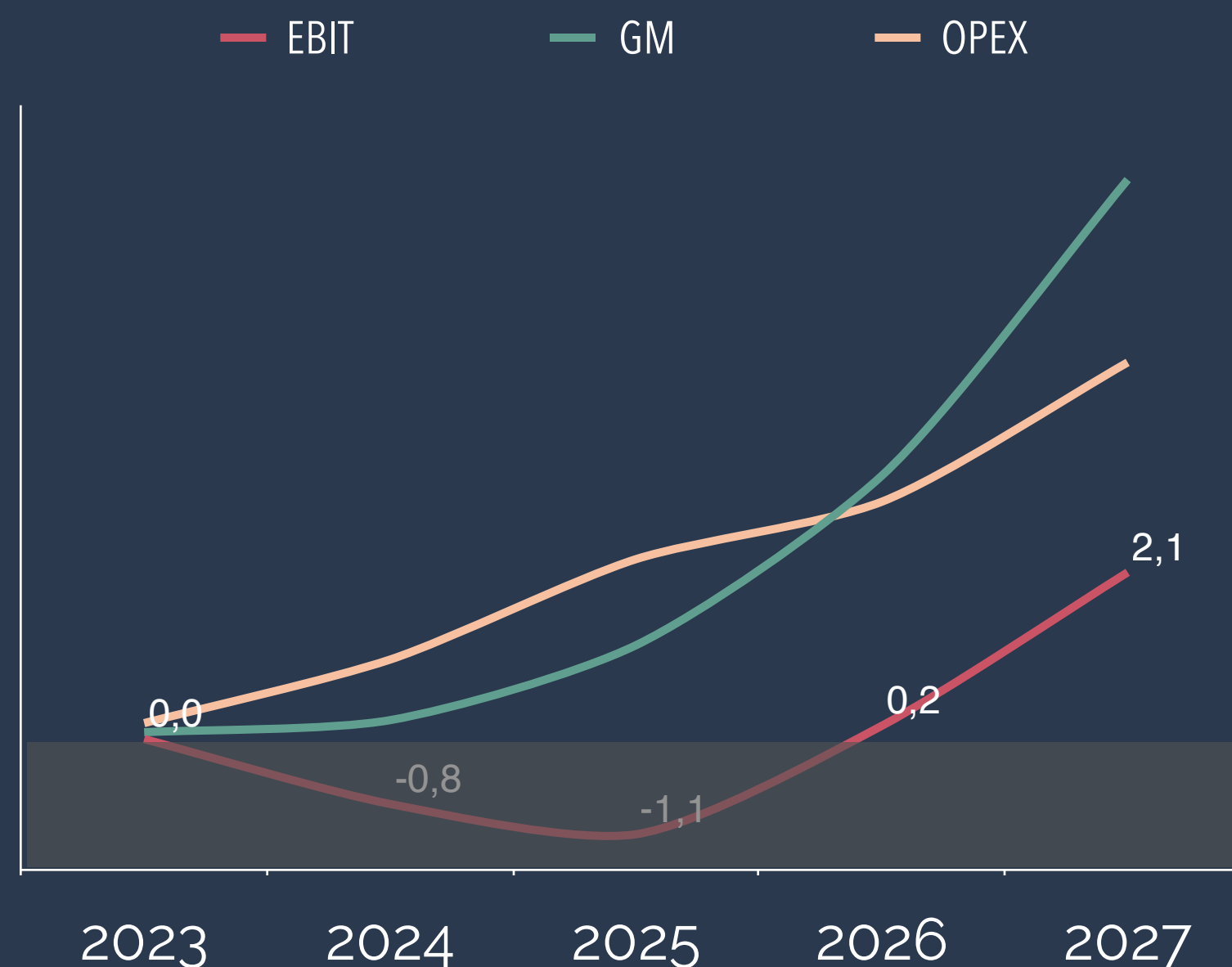
vibration, ultrasound, acoustic emission, thermography, pressure and Frequency spectrum.

FINANCIALS OUTLOOK

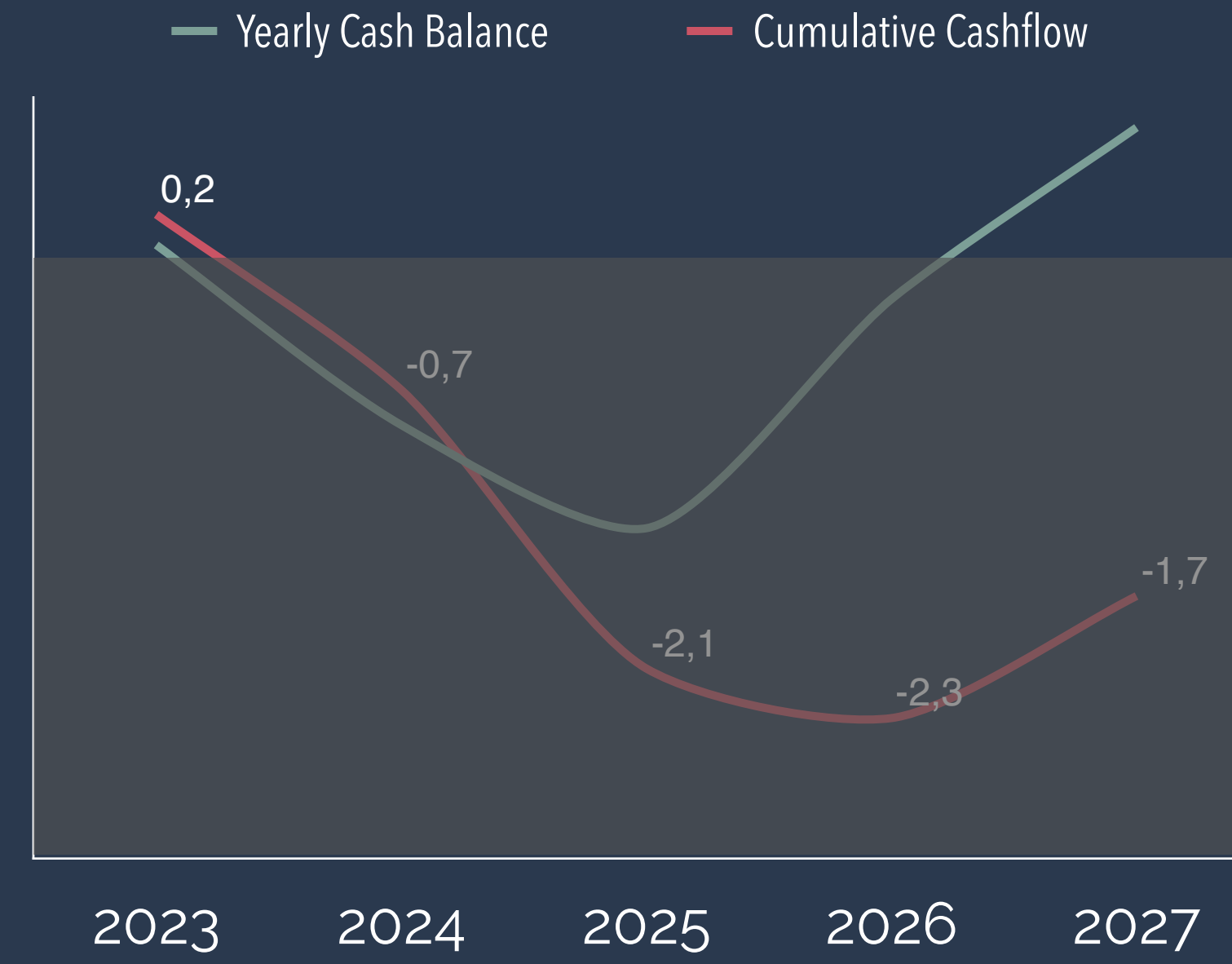
SALES PROJECTION (M €)



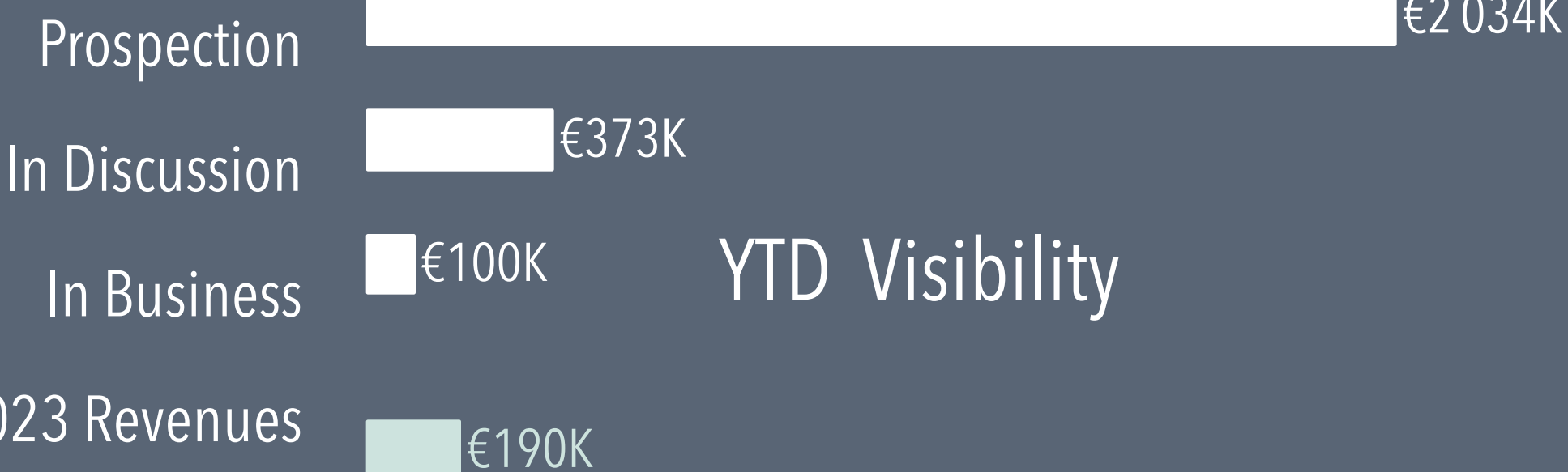
PROFIT & LOSS (M €)



SIMPLIFIED CASHFLOW (M €)



COMMERCIAL TRACTION



YTD Visibility

SOLID FUNDING TEAM

+130 YEARS EXPERIENCE IN INDUSTRY

IOT, HIGH-TECH GLOBAL VENTURES, APPLIED MATHEMATICS, AND DIGITAL PLATFORM DEVELOPMENT



BIJAN MOHAMMADI
CSO



ALAIN FANET
CEO



JULIEN DELSUC
CTO



JEAN-MICHEL LINOTTE
EMBEDDED



JILLIAN STRENK
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AI SPEECH AVIGNON LABS

Jean Francois Abramatic



ADVISOR
W3C - IBM - ILOG

Rodolphe Gelin



ADVISOR
AI EXPERT, RENAULT

SUMMARY

TIME IS EVERYTHING



URGENT NEED FOR
ADAPTIVE LEARNING
TECHNICS



RIPE MARKET
FOR EDGE AI
PRODUCT



IDETECT-4.0 IS
AVAILABLE



RECURRING
BUSINESS MODEL



**FUNDRAISING
UNDERWAY**

Seeking €3M in Seed round

Use Of Proceeds :

Significant hirings: UX Designer, Product Developer, Sales and Marketing
Growth through ODM, VAR, Marketplaces and new marketing channels
Development of our indirect sales channels

PLANT 4.0 STARTUP INCUBATOR

Supporting the deployment of digital technologies in industrial activities
Identifying and attracting the most groundbreaking Industry 4.0 startups from around the world
Testing startup technology, products or services and transforming TotalEnergies & its Partners' operations
Imagining the industry of the future



H A S B E E N
R E C O G N I Z E D
T O I M P A C T
I N D U S T R Y 4 . 0 !

BONDZAI
THANK YOU

10 Top AI Startups Shaping Industry 4.0 in 2023



458

Startups
analyzed

London Bangalore New York City San Francisco Singapore

Bubble size indicate
number of solutions in hub
The five largest hubs

Data provided by StartUs insights June 2023

