



AI driven **Predictive  
Maintenance** technology for  
all industries

# ALL FACTORIES NEED TO IMPROVE PRODUCTION PERFORMANCE BY:



!

Managing over-staffing

!

Increasing efficiency

!

Avoiding downtime

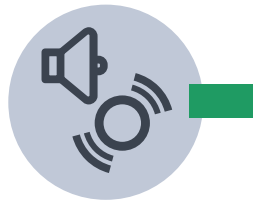
How Asystem is addressing these needs?

The best Ecosystem

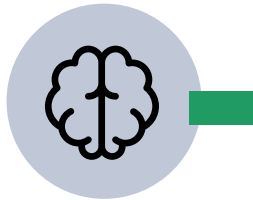
1. Use Acoustic & Vibration
2. Unlimited life time
3. AI driven advise
4. Universal integration

... and why is Asystem unique?

Unique combination of :



**Autonomous rich data generation Acoustic, Vibration, Temperature**



**Advanced & efficient AI incident advisor**



**Universal Applicability & Platform Integration**

How Does **AsystemAdvisor** work?



**ASYSTOM**

**Universal Smart Monitoring Solution  
for Predictive Maintenance**

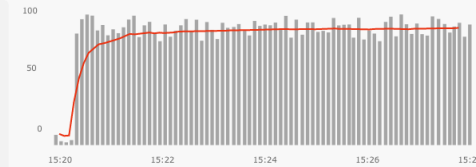
# What Does **AsystemAdvisor** provide?

## Alert

### ♥ ANOMALY SCORE

TREND  
**89%**

CURRENT  
**95%**



## Advise

### FAULT CATEGORY 6 Rotation Frequency

SIMILARITY  
**83%**

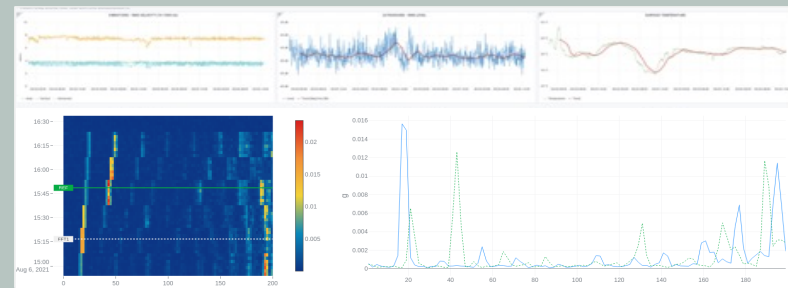
#### ⚡ SYMPTOMS

- Increase of vibration levels at the rotating speed(1X) in the radial plane

#### 🔍 POSSIBLE ROOT CAUSES

- Balancing issue
- Belt resonance
- Eccentric gears or sheaves

## Investigate



# Some Examples

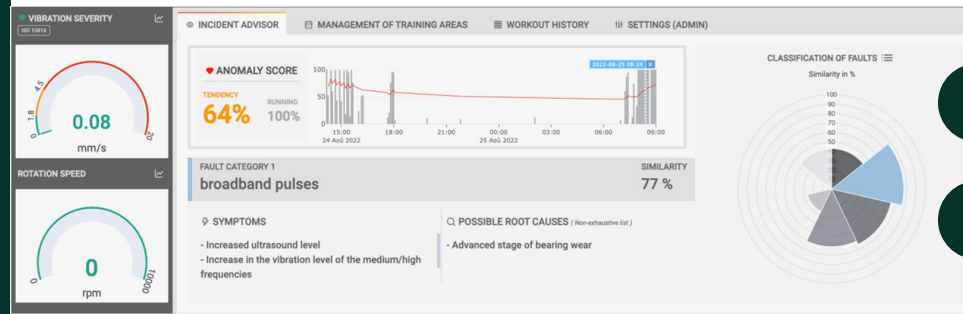


# Pharma Industry : Detection of a damaged bearing



3 hours of unscheduled  
downtime avoided

ROI >€105K



1

Alert

Anomaly  
Detection

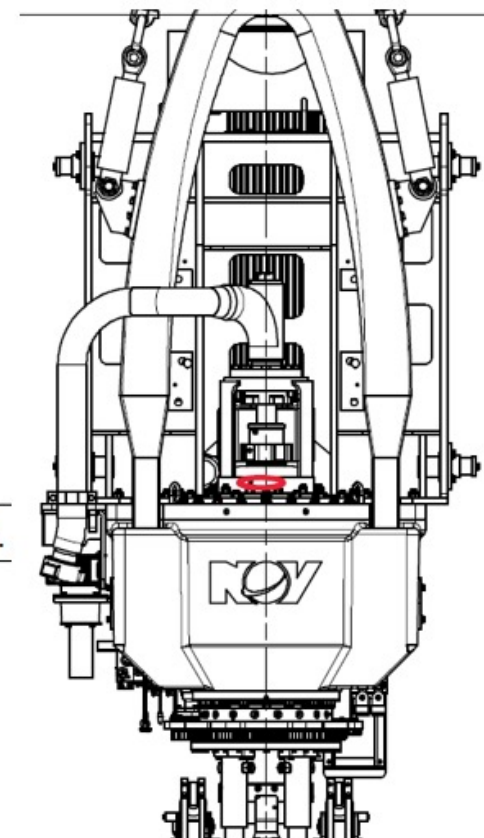
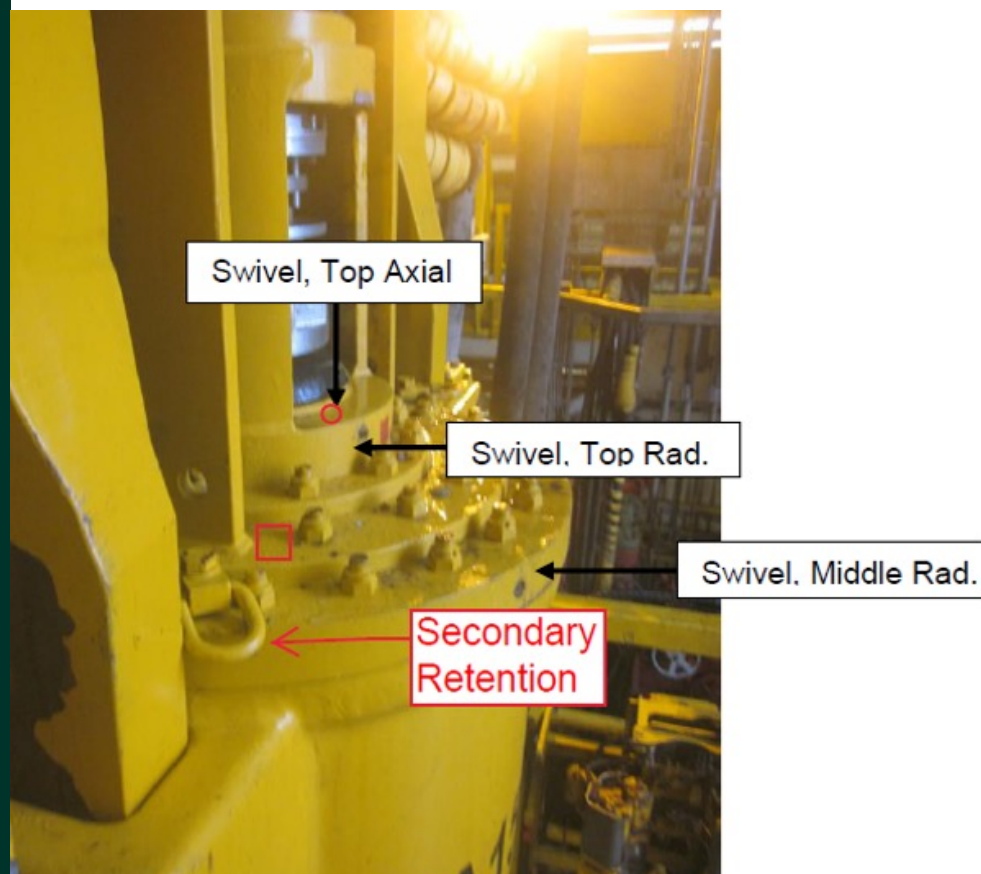
2

Advise

Probable  
root causes

# Oil & Gas Equinor Norway

Detection of **lack of lubrication**  
well in advance of visible default





# Market Traction

# Strong Market Traction

## Number #1 : Energy



Oil & Gas, Offshore, Nuclear,  
Hydrogen Renewables

## Number #2-3 : Pharma & Water



Pharmaceutical



Water  
Treatment

## Proven Technology in all Industrial fields



Oil & Gas



Offshore



Renewables



Pharma



Water  
Treatment



Waste Management



Metals  
& Mining



Food  
& Beverage



Automotive



Smart Building

## The Right Offering in the Right Market at the Right Time

# Predictive Maintenance :

"From a Niche Topic to a Killer Application in 10 years"\*



\$6.9 billion in 2021 => **\$28.2 billion by 2026**



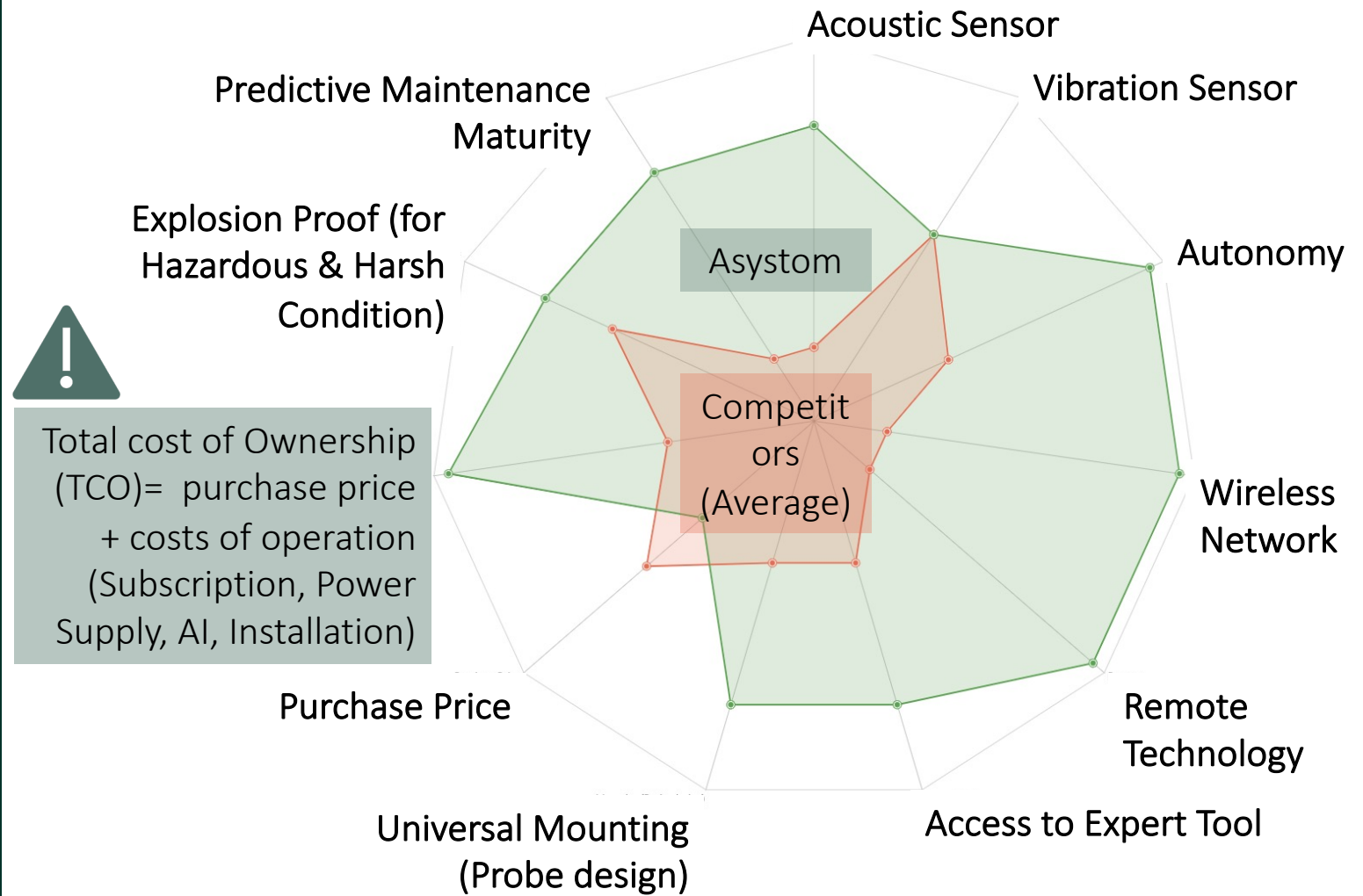
Fast-growing, high return on investment (ROI)  
application



The market is still in its infancy

\* Source: IoT Analytics Research 2021 : see Annexes

# Comparison between Asystom and Competition



# Achievements



# Example Accounts Seeded for Deployment



# Roadmap of the Journey from Good to Great

## Achievements

## Future Goals

2016

2018

2020

2022

2024

2026

...

- 1 Research and Development
- 2 Proof of Concept Validation & Market Seeding

- 3 Major Account Deployment

- 4 Reseller Network Creation

- 5 Next Generation Prescriptive Maintenance, Adjacent Market Expansion and Global Business Reinforcement

- 6 Accelerated Growth & Market Share Capture via Geographical & Technical Expansion

Global

- ▷ 46 Partners
- ▷ 100+ Multinational successfully tested the solution



**1 000 K€**  
2022 Revenue

# A team of top computer scientists and proven international C- level business leaders



**Pierre NACCACHE**  
President & Founder



**Stéphane LHUISSET**  
Chief Technical Officer & Founder



**André NACCACHE**  
Managing Director & Founder



**Frédéric HERVÉ**  
Chief Financial Officer



**Piotr DIOP**  
Software Development Director  
Since 2016



**Philippe Pourteau**  
Operation Director  
Since 2018

## Innovation Technology

- Artificial Intelligence excellence
- Signal processing (vibration & sound)
- Machine learning
- Expertise in embedded systems
- Industrialisation

## Business Acumen

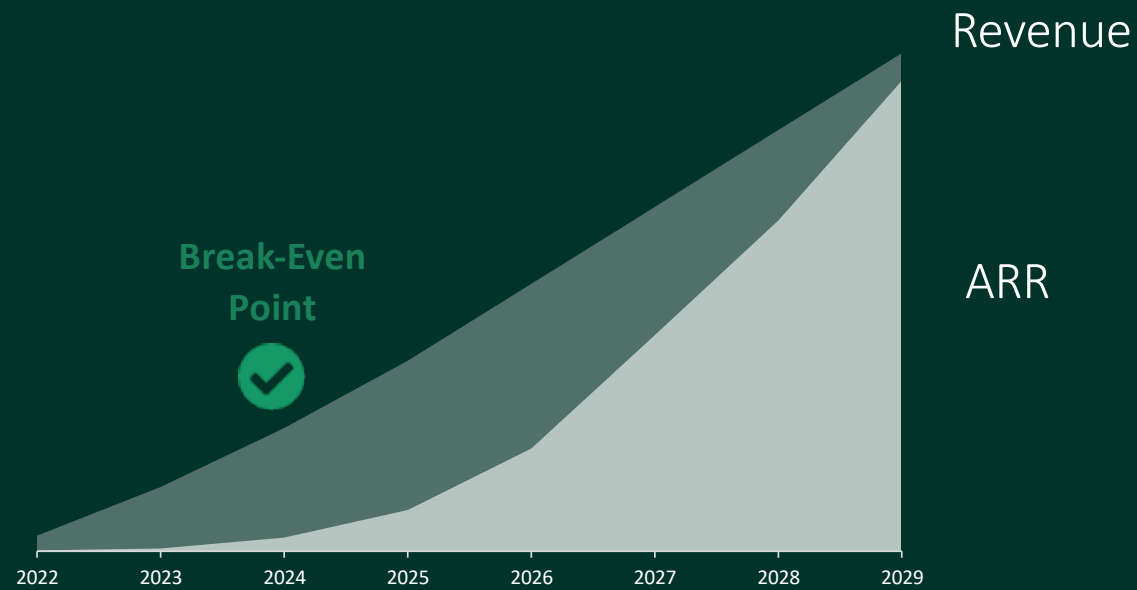
- Design for international readiness
- International channel distribution expertise / GTM
- Cultural respect and awareness
- Worldwide experience in entrepreneurship

## Manufacturing

- Capacity to expand the operation to large scale

# Company Strategy

## Fundraising : Serie A



Asystom Investor Executive Presentation  
20/03/2023  
Company Confidential

Strategic Goal :  
Reach 100% of Asset Condition Monitoring

Be recognized as provider of the most comprehensive solution to cover 100% of industrial assets condition monitoring



Simplifying complexity to lead  
the sustainable revolution

Thank You!

Looking forward  
to answering  
your questions



Providing the future of  
predictive maintenance  
today for all