

COMPREDICT



Presentation for

VIVA
TECHNOLOGY
JUNE 15-18, 2022 / PARIS



June 15th 2022



Executive summary - COMPREDICT

Founded in
2016

 **Darmstadt
Germany**

Interdisciplinary
Team

Combining **data-science**,
automotive and **durability**
expertise: we put our **domain**
knowledge into your data!

SaaS
license
model

Market
segments
Connected vehicles
&
vehicle **development**

Two financing
rounds


thiinvestments
FLIXBUS



**Virtual
Sensors for
Mobility**

Customers

Vehicle **manufacturers**
(**OEM**), Tier 1 **suppliers**,
fleet operators and
mobility providers from
Europe and **Asia**

Over **100.000 Virtual
Sensors** deployed in over
50.000 vehicles of all kinds



Solution

Usage & health **monitoring**,
predictive maintenance for
various components



**Startup programs
and awards**



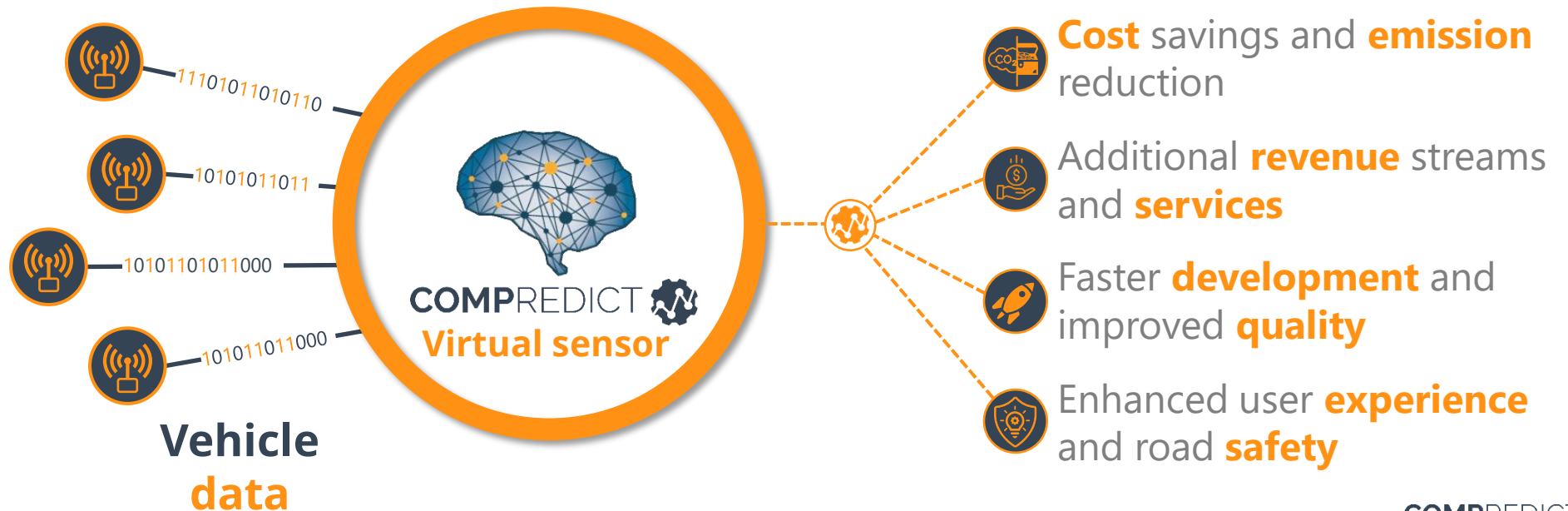
A **new** way to think of sensors

How
others
think of
sensors



„**Hardware** device that **detects**
and **responds** to some type of
input from a physical environment“

How
we
think of
sensors





Virtual sensors – Our **portfolio** (deployed)



Tire **forces** and **torques**
Tire **temperature**
Tire **tread wear**



Usage **profile**
Driving **behavior**



Brake system **torque**
Brake **temperature**
Remaining pad **thickness**



Battery **anomaly** detection
Battery **failure prediction**



Vehicle **mass**
Mass **distribution**

Custom applications...



for various **components** and **use cases**...



fully **adaptable** to your data
with our **automatic pipeline**...



Customer
data

Feature signals
&
Target signals

Feature
selection

Model
optimization



**Virtual
sensors**

Platform



AI CORE



AI VIEW

COMPREDICT



Interested? - Let's discuss further!



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Virtual Sensors for Mobility

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MICHELIN

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FLIXBUS

Startup programs

TECHBOOST

Das Startup-
Programm der



**GERMAN
ACCELERATOR**

SAP.io



Microsoft
for Startups

PLUGANDPLAY