

COGNITIVE PILOT



ADAS and autonomous driving systems



OUR MISSION

Freedom & Safety



People spend in the cars **8,5%** of their lifetime. And this time is literally wasted. **C-Pilot** can change that. Time in the car becomes time for life again.

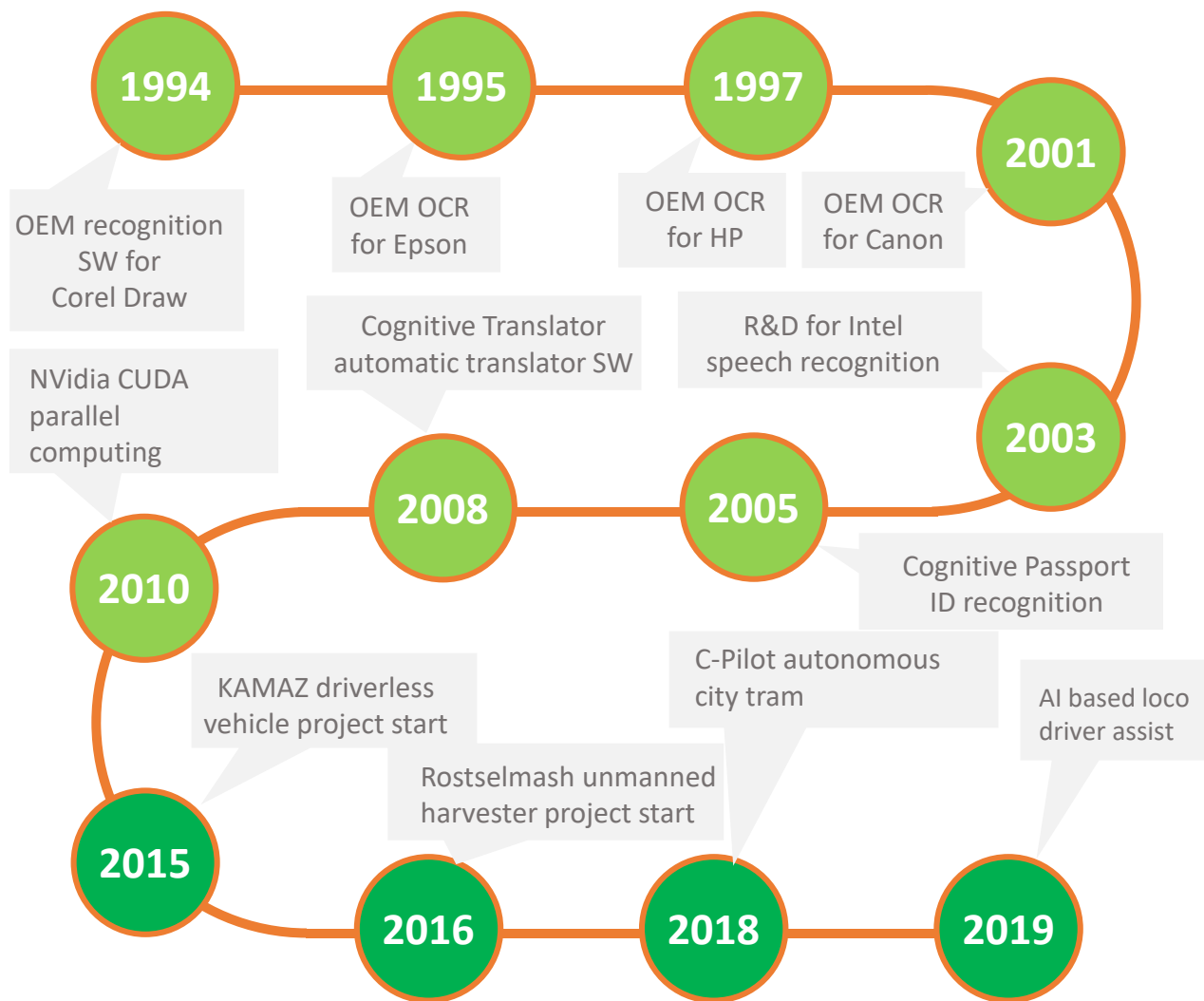


1 250 000 deaths on the roads yearly. Should driving in the car feel like going to war? **C-Pilot** is always ready to protect your journey.

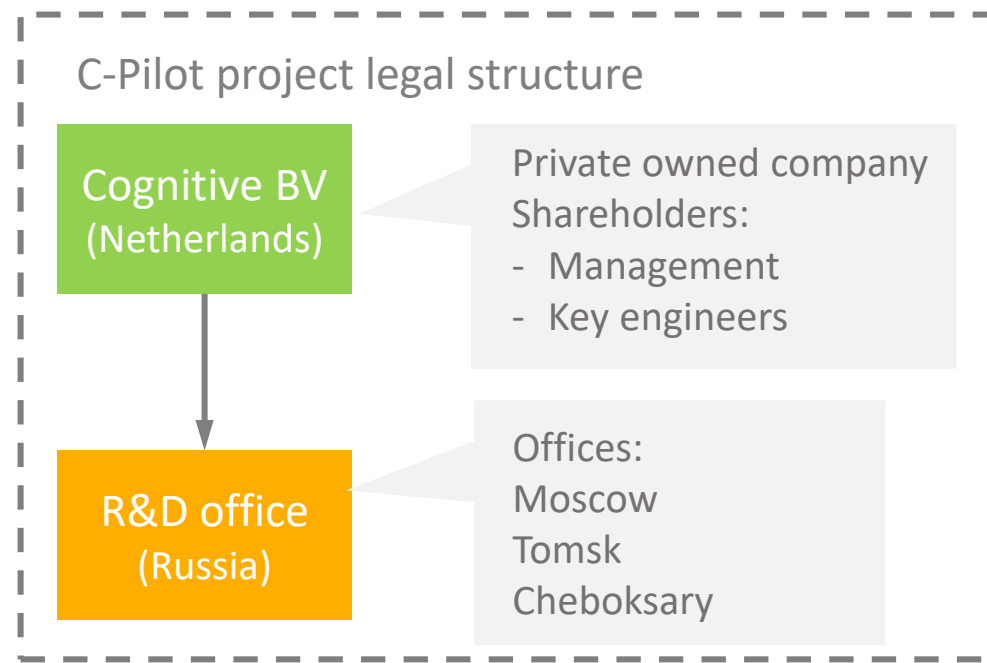
OUR BUSINESS

Founded in **1993**

2001 – 2019 always among **TOP5** Russian tech companies



2020 | **150** employees
90 engineers
7 ScD's and PhD's

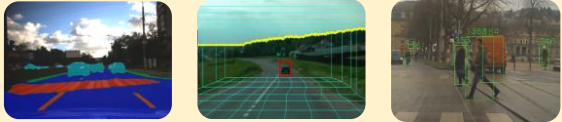


BRIEF OVERVIEW OF OUR COMPETENCIES

FROM

State-of-the-art technologies

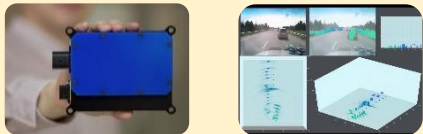
Sophisticated DNN and bio model based AI algorithms for road objects and events detection



Breakthrough innovation in low level sensor fusion approach



Revolution in sensors - high resolution 4D imaging radar and AI algorithms for signals treatment



For automotive



For rail transport



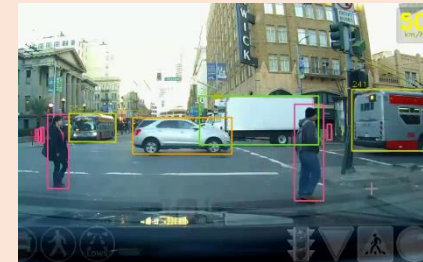
For agriculture



TO

Innovative products

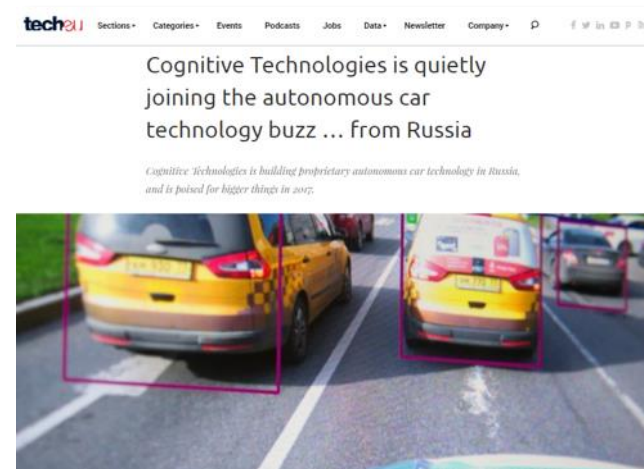
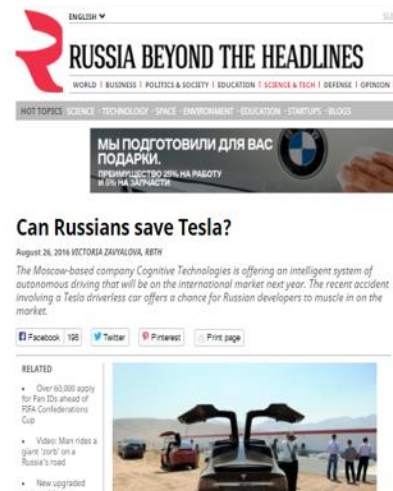
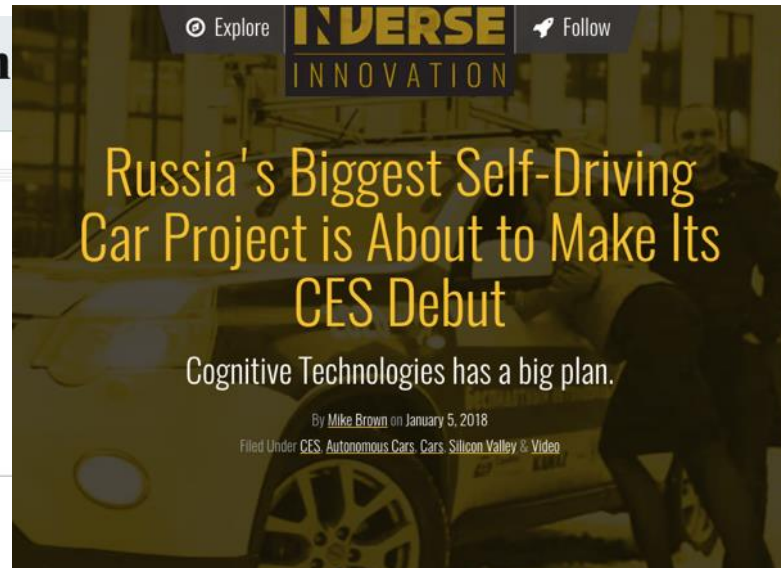
ADAS



AUTONOMOUS DRIVING SYSTEMS



WE GOT A LOT OF MEDIA HIPE



THE LIST OF INTERNATIONAL AWARDS

2019

Tech AD Berlin - the No.1 European event on technical challenges for vehicle automation Level 4+

AWARD WINNER IN CATEGORY
**"THE MOST INNOVATIVE ADAS
TECHNOLOGY"**



2019

Award of the Autonomous Vehicle Technology (AVT) Magazine, the world's only and the most respected, business-to-business magazine dedicated to the autonomous vehicle industry.

AWARD WINNER IN CATEGORY
"AUTONOMY CONTROLLERS"
COGNITIVE AGRO PILOT



2017

Famous international business award

AWARD WINNER IN CATEGORY
COGNITIVE COMPUTING AI AND
ROBOTICS
**"BEST UNMANNED VEHICLE
AI SYSTEM"**



2018

An annual award of the GITEX Technology Week
– The Biggest Tech Show in MENA & South Asia

AWARD WINNER IN CATEGORY
"INTERNATIONAL RECOGNITION"

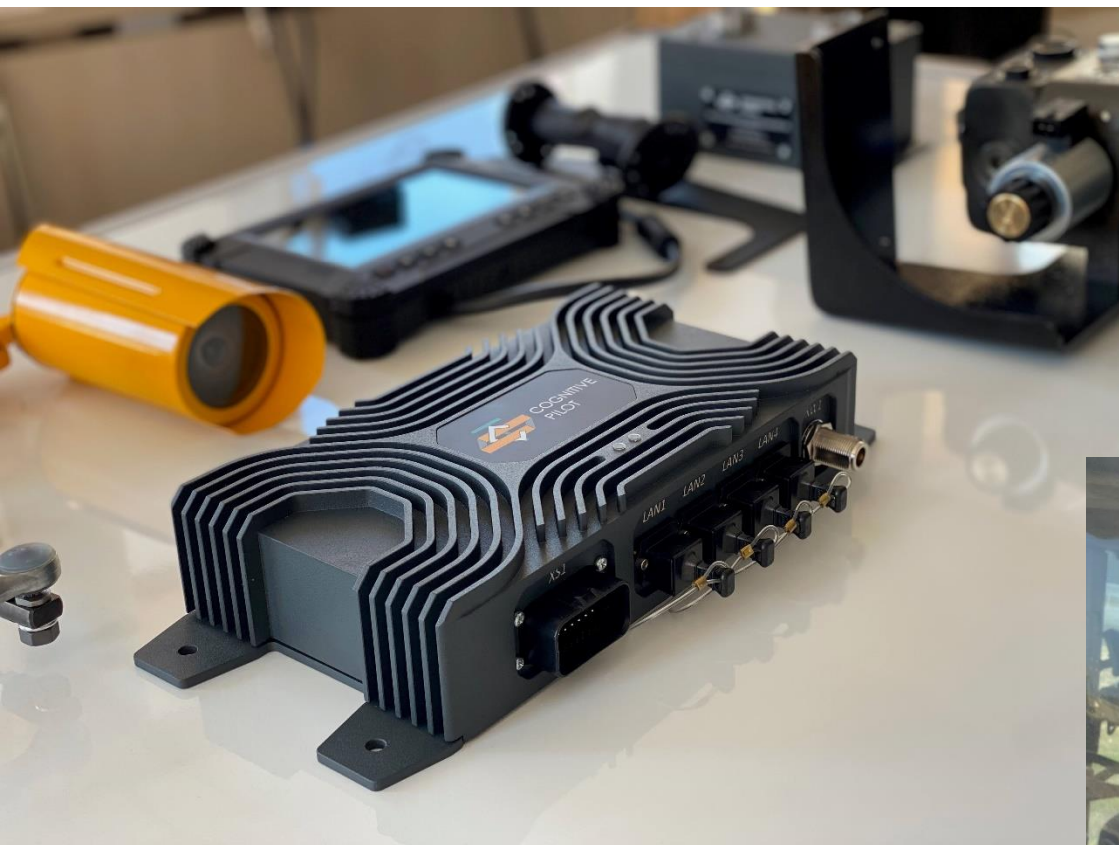


OUR PRODUCTS: COGNITIVE AGRO PILOT

AI-based autonomous driving system for combine harvesters

[Watch overview on Vimeo](#)

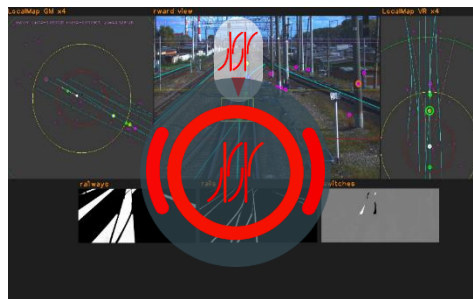
[Watch system in operation on Vimeo](#)



OUR PRODUCTS: COGNITIVE RAIL PILOT

An AI-based Assistance System for Engine Drivers

[Watch overview on Vimeo](#)



OUR PRODUCTS: COGNITIVE TRAM PILOT

An AI-based Assistance System for City Tram Drivers

[Watch overview on Vimeo](#)



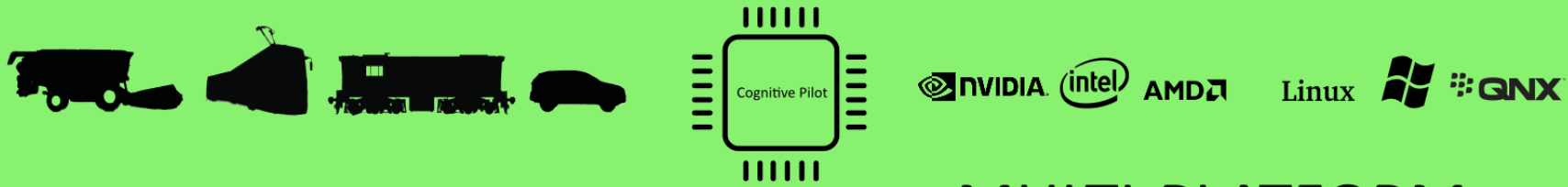
OUR COMPETITIVE ADVANTAGES

A STRONG COMPETENCE IN MULTI-SENSORY PERCEPTION



A SUPER HUMAN PERCEPTION LEVEL IN 2024

AUTONOMOUS DRIVING SYSTEM WITH A FLEXIBLE ARCHITECTURE



MULTI-IMPLEMENTATION

MULTI-PLATFORM

A FULL CYCLE OF A RADAR SENSOR DEVELOPMENT

**TAKING ADVANTAGE OF
NEW GENERATIONS OF
SENSORS**



**SENSORS ADJUSTMENT
FOR A CUSTOMER
REQUIREMENTS**