

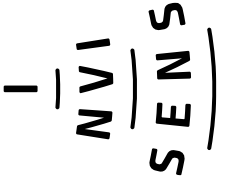
SEMICONDUCTOR TECHNOLOGY 2024

# Low-cost radars for mandatory ADAS

Invisens

INVISENS

# Market focus



Comply with current and future active safety legislation at the lowest cost.

Novel radar architecture and corresponding tools are brought in to lower the entrance barrier for OEMs.

Do not use expensive imaging technologies.

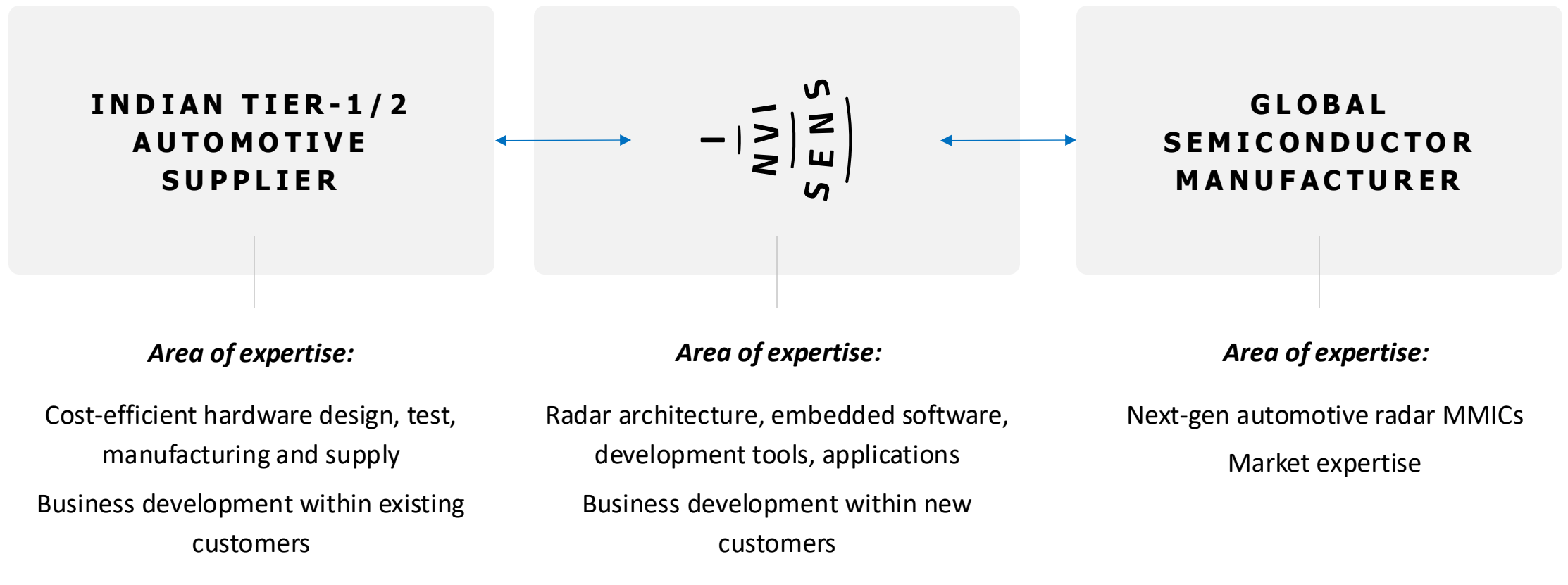
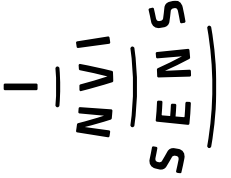
Cut NHTSA cost expectations for mandatory AEB by a third.



**We propose a sub-\$30 radar to comply with current and future active safety legislation**

# Execution is our advantage

Connection to partners allow to control  
the entire development and manufacturing process



# Estimated schedule

Of mass production radar units

2026



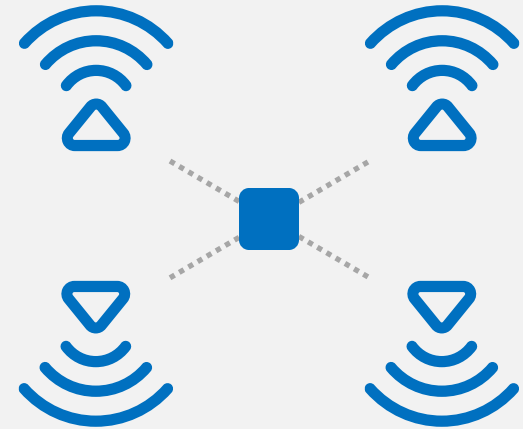
**SINGLE FRONT  
RADAR**

2027



**DUAL CORNER RADARS  
WITH NO HEAD UNIT**

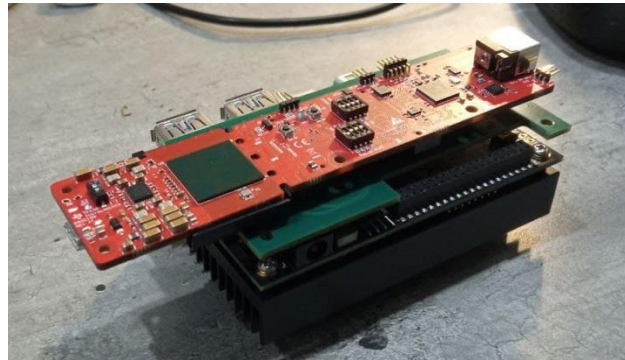
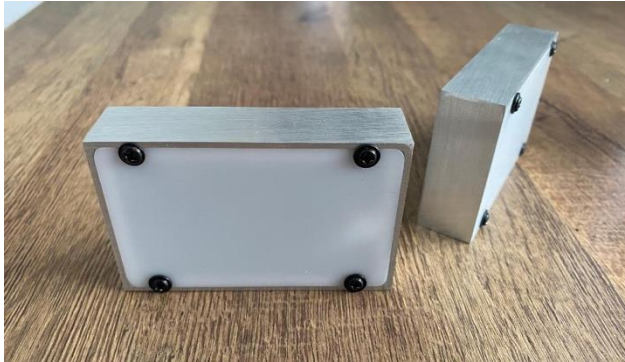
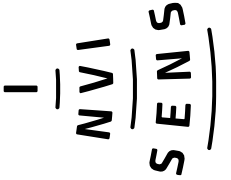
2028



**SATELLITE RADARS  
WITH HEAD UNIT**

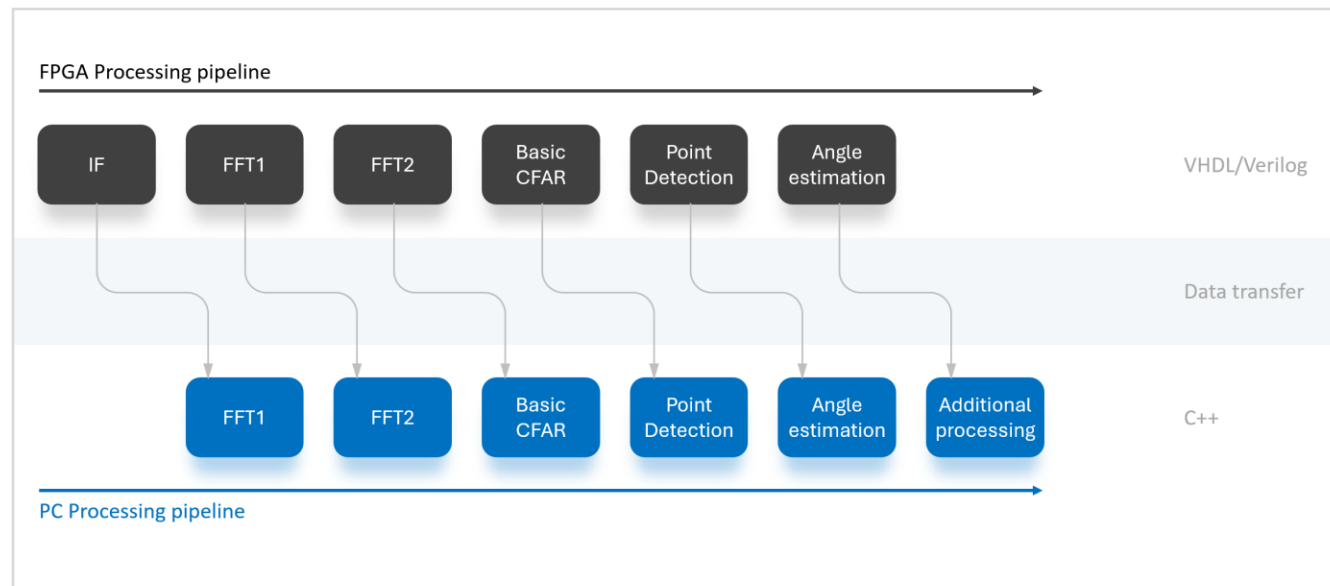


# Deliveries for the partners



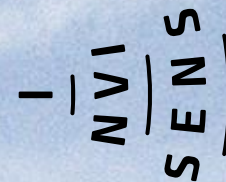
Versatile 77 GHz radar prototypes.

Custom setups based on existing radar development boards and FPGA processing setups for testing purposes.



FPGA- and PC-based software set for radar architecture developments to test various radar processing pipeline setups.

# Traction



A part of Plug and Play since late 2021

USD 300K raised so far

Generating revenue starting from Q1 2023

Co-development project with a top semiconductor manufacturer on the next-gen radar silicon

Co-development project with a Tier-1 on the topic of mass production radars

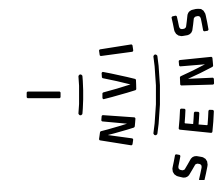


**MOTOR VALLEY**  
**ACCELERATOR**  
L'ACCELERATORE MOBILITY  
DELLA RETE NAZIONALE CDP





# Team



**Ivan Koshurinov**  
**Co-founder**

- 20-year experience in industrial and automotive applications
- Microwave Journal contributor
- Author of annual automotive radar startup review on Medium



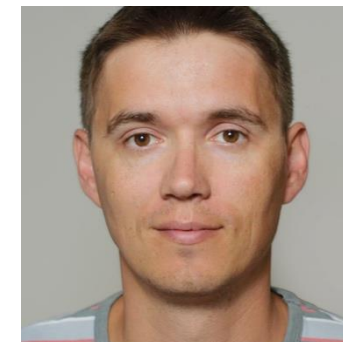
**Max Surdu**  
**Co-founder**

- Radio physics engineer
- Serial entrepreneur and business angel



**Evgeny Kamenetskiy**  
**Advisor**

Scientists / Physicist  
@ Applied Materials



**Ivan Zhiboedov**  
**Advisor**

Engineering Manager  
@ Meta, supporting Product  
and ML teams

# What we look for

- An opportunity to speak to OEM during a customer development interview
- Better understanding of OEM's part of the business in terms of active safety approaches, demands and strategy
- Strategical partnership where we can help to grow inhouse expertise and provide access to the components at early stage as a part of long-term contracts and funding



**Ivan Koshurinov**

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