

SPARK YOUR IMAGINATION



INTUITIVE



# THE ROBOTIC WORLD

Roadshow to Japan

INTUITIVE

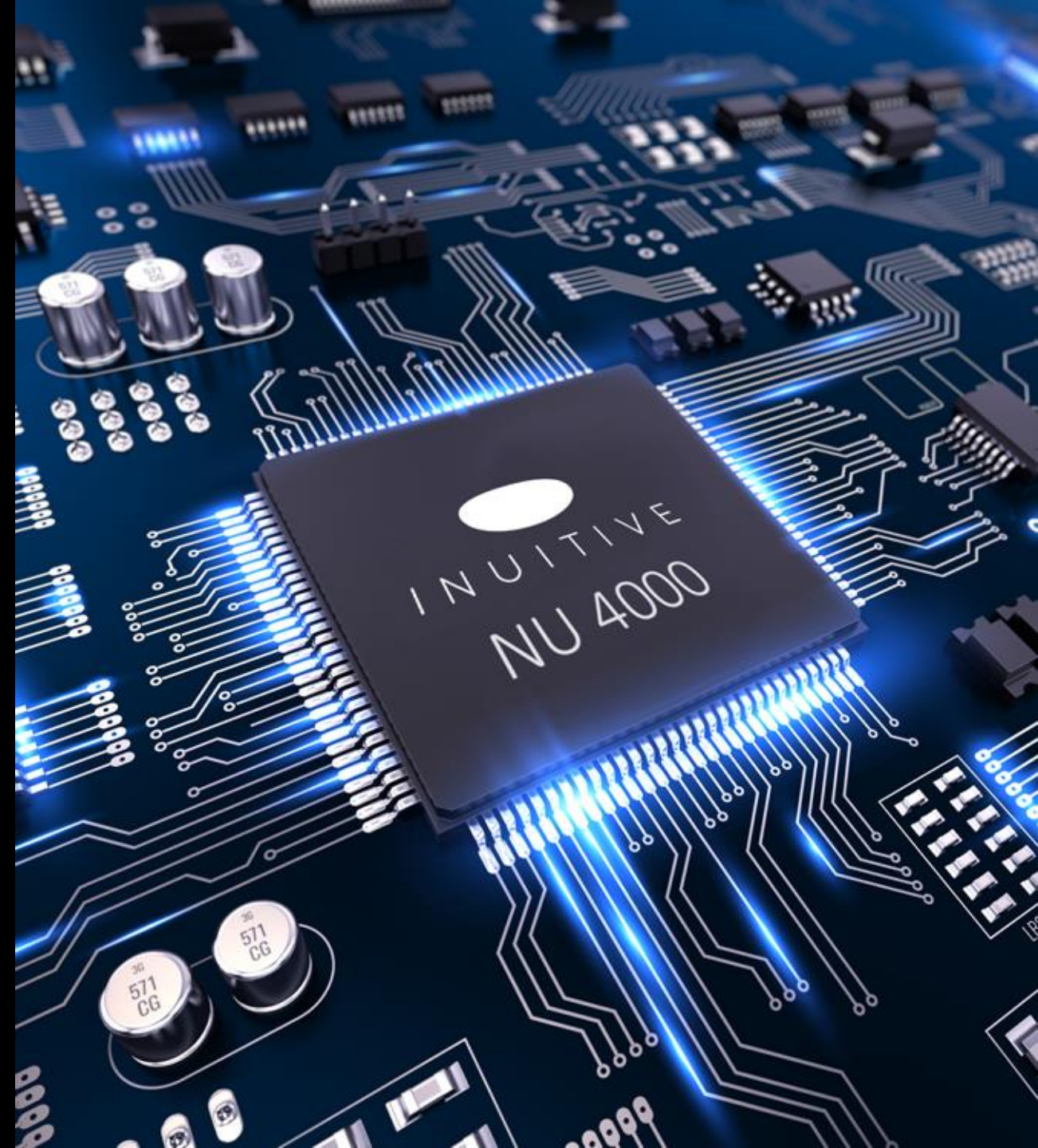


Gur Dror  
VP Business Development

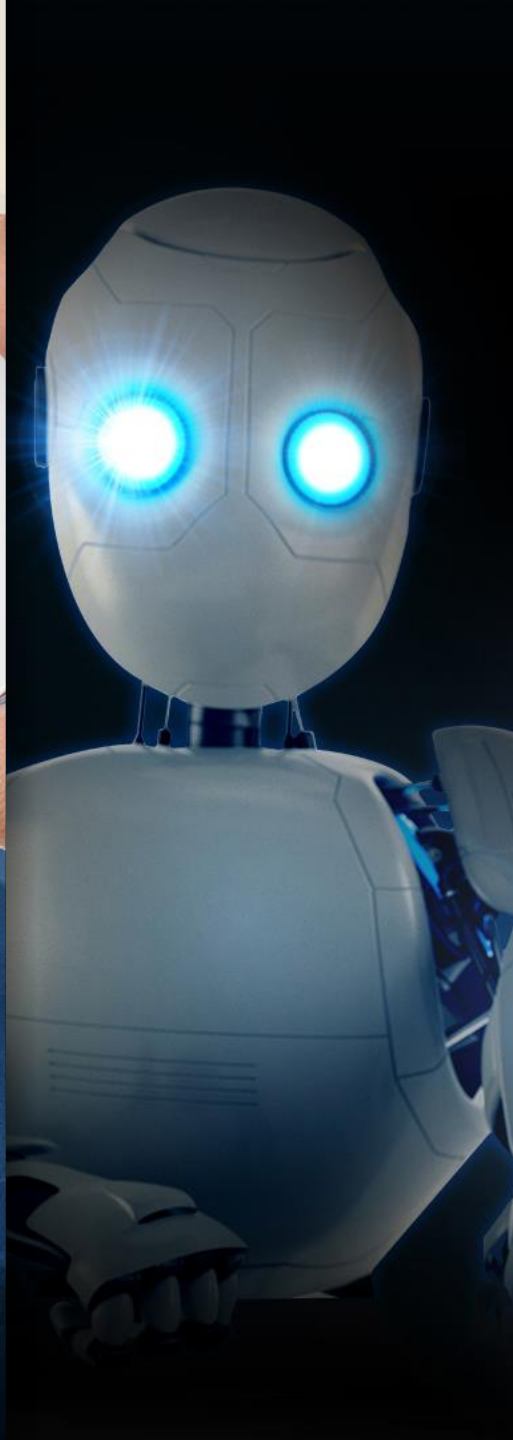
# INTRODUCTION

- Founded March 2012
- A fabless semi-conductors company. Making ICs
- First generation in MP
- Engaged with the leading market players in area of XR (AR/MR/VR), robotics, drones and AI devices
- Global business presence (S. Okamoto, Japan Business Manager)
- 85 employees
- 25 patents

# ENABLING DEVICES to SEE and UNDERSTAND





















# PROCESSORS – NU4000

A MULTI-CORE VISION PROCESSOR THAT SUPPORTS 3D IMAGING WITH COMPUTER VISION AND DEEP LEARNING PROCESSING

- Enhanced depth (1/16 sub pixel res.)
- SLAM on chip (3D accelerators)
- Deep Learning Processor (2TMAC/s)
- Interfaces to 6 cameras & 2 displays



# REFERENCE DESIGN FOR ROBOTICS

THE M3.3V HOSTS INUITIVE'S 3D IMAGING  
AND VISION PROCESSOR, DESIGNED TO  
MEET THE CHALLENGES OF HMDS AND  
ROBOTICS

- Wide FOV Depth: 120 degrees
- 2 Fish-eye cameras
- Calibrated IMU
- Ready for mass production







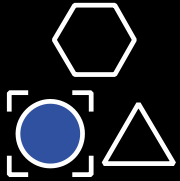
Mapping & Navigation



3D sensing for  
Collision avoidance



Places Detection



Objects Detection



Face Detection



Face Recognition

# SUMMARY

- Robotics market is expecting
  - Significant growth
  - Tough competition
- A competitive platform should consist of
  - Affordable cost
  - Easy to use
  - Low on power
  - Rich in processing
- NU4000
  - Available NOW
  - Supports all the above and more
  - Enables winning products







THANK YOU

