

JONDETECH



Small is Powerful

Leif Borg/CEO



JONDETECH SENSORS IN BRIEF

JonDeTech is a Swedish sensor technology company present on the global sensor market.

Unique products

JonDeTech have developed and are selling the world's thinnest IR (infrared) and Heat Flux sensors, that excel in the areas of presence detection, contactless temperature measurement and heat flow measurement.

Scalable business model

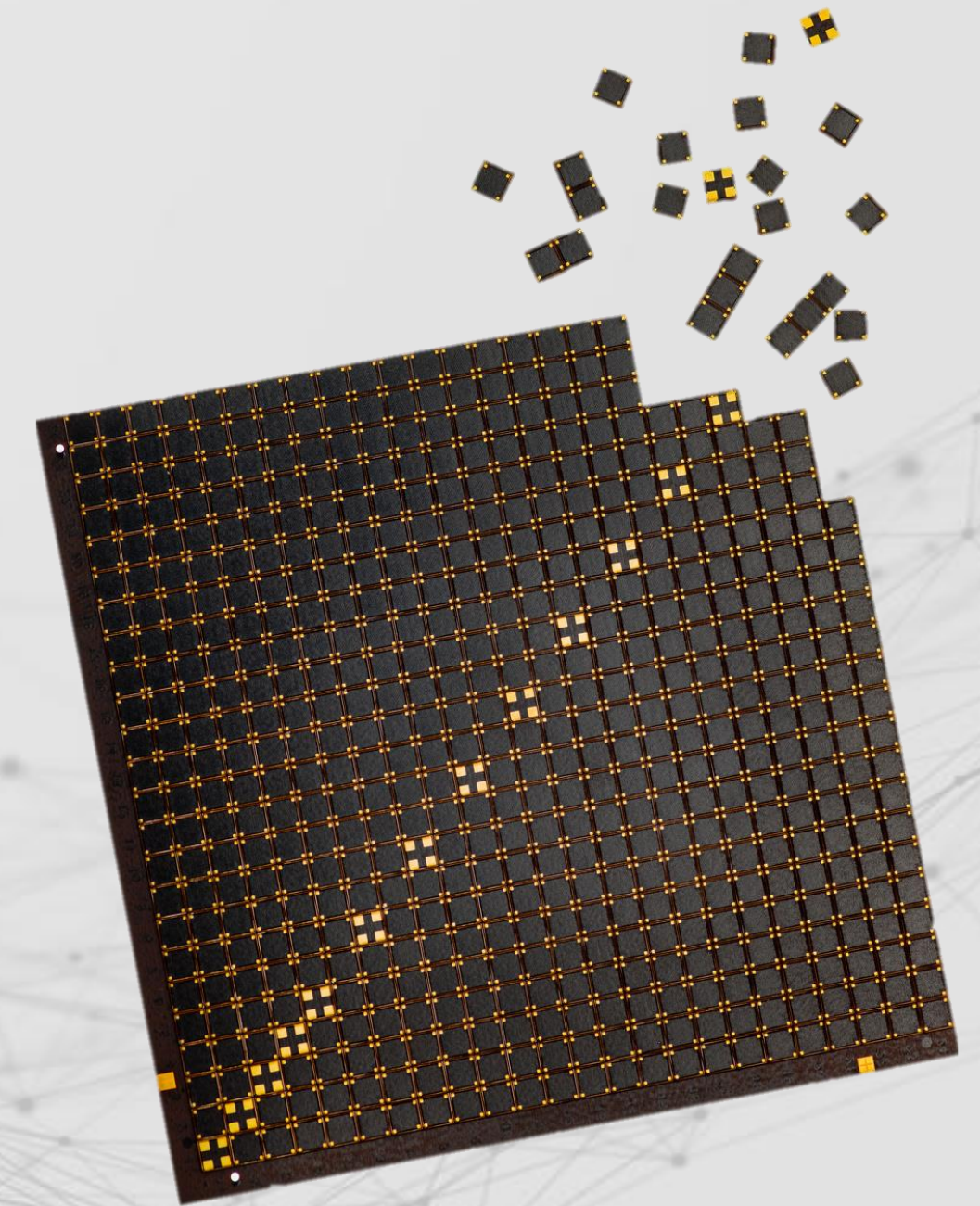
JonDeTech's scalable business model, centered around the innovative sensor technology with diverse applications in consumer electronics and IoT.

Strategic partnerships

JonDeTech has strategic partnerships with leading electronics manufacturers, distributors and suppliers and ongoing projects with top-tier clients.

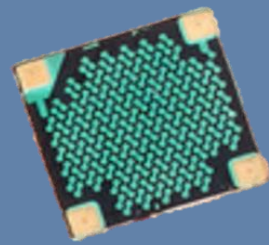
Market

JonDeTech's sensor technology has significant market potential, with projected growth driven by increasing demand for smart devices, IoT applications, and healthcare solutions.



PRODUCT OFFERING

JIRS30

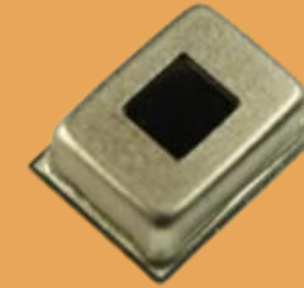


Unique design, market leading performance

Heat Flux



JIRS40



Low-cost, analogue interface

Contactless temperature (IR)



Presence detection (IR)



THE FUTURE OF SENSOR TECHNOLOGY

Vision

Empowering innovation through cutting-edge sensor technology, we inspire and enable our customers to create revolutionary applications that transform markets.

Mission

As a global supplier in sustainable sensor solutions, we are committed to develop, produce, and distribute high-quality sensors that advance technology and sustainability worldwide.

Our promise

Support our customers to integrate cost- and space efficient solutions in complex environments without compromising performance.

Development

Leveraging our expertise in sensor technology, and supported by a robust network of global partners, we are dedicated to pioneering advanced sensor products that set new standards in the industry.

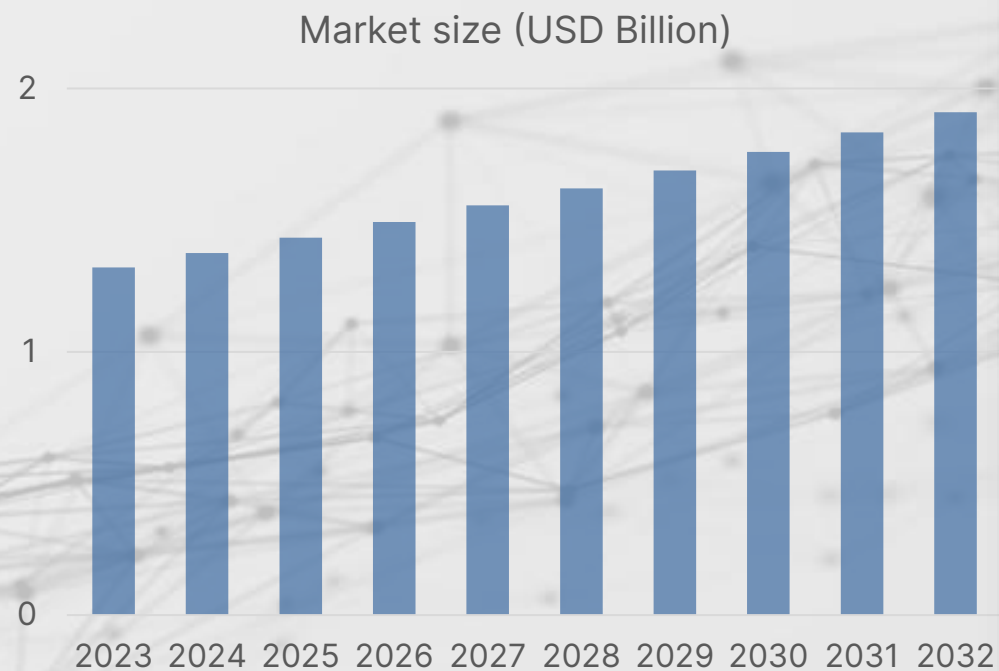
MARKET OVERVIEW

Heat Flux sensors – Heat flow measurement

Measurement of heat flow is important in several heavy industries, electronics and medical devices. The market growth is attributed to the increasing demand for precise thermal measurements across the globe JonDeTech aims to broaden the market with its new and lower cost technology. Through the establishment of this new market segment, JonDeTech is not only expanding its customer base but also reducing reliance on traditional markets.

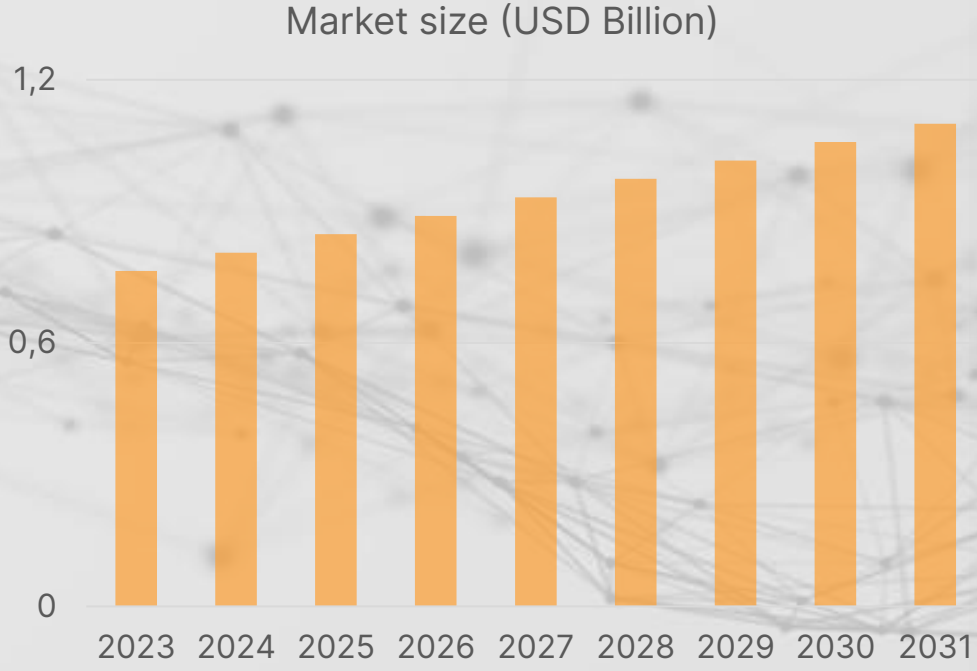
IR sensors – Contactless temperature measurement and presence detection

IR sensors are used in electronics, security systems, homes and businesses to detect movement and to measure temperature. Growth is primarily driven by new products that are connected to IoT. With JonDeTech's lower cost and smaller products, an entrance to the market is possible and with a potential to take large parts of the market in the future.



1.9 USD Billion
 Estimated market size for the global heat flux sensors market 2032²

4.5 Percent CAGR
 Estimated CAGR of the global heat flux sensors market 2023 to 2032²



1.1 USD Billion
 Estimated market size for the global infrared sensors market 2031¹

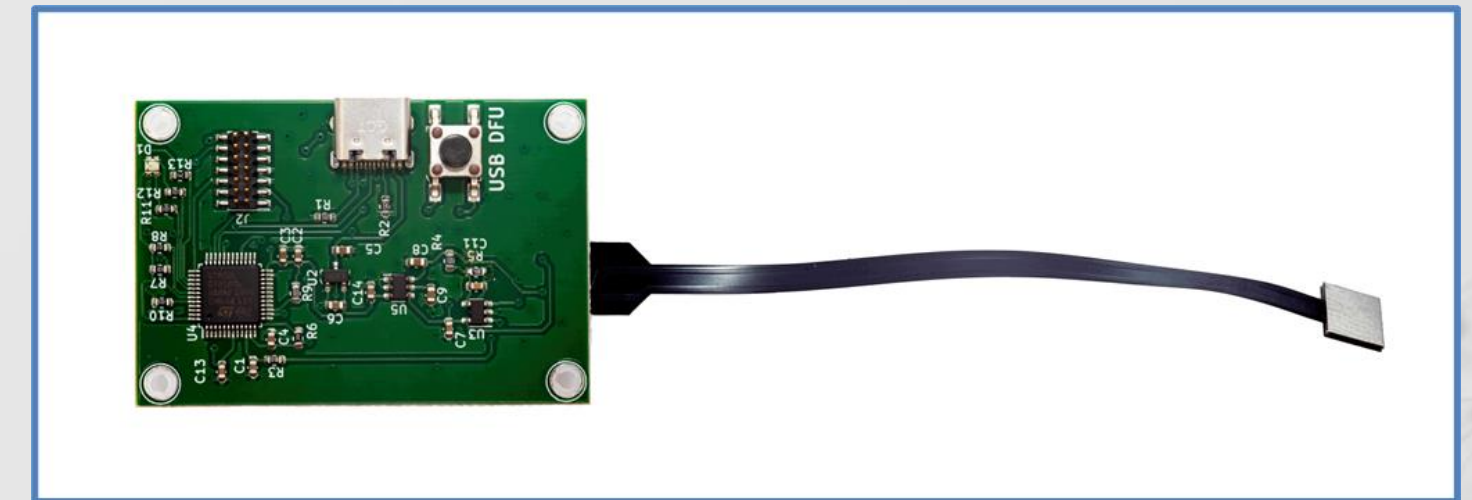
5.4 Percent CAGR
 Estimated CAGR of the global infrared sensors market 2023 to 2031¹

JIRS 30 – HEAT FLUX – PRODUCT & APPLICATIONS

Measurement of body temperature

JonDeTech's sensors measures heat flow with high accuracy in consumer products such as smart watches or other products that sit on the body enable the ability to measure the internal body temperature with high precision.

- Works in earphones, wrist sports watches and HRM chest straps.
- Monitoring health and optimize performance during sport activities.
- Accurate measurement of the core body temperature with a Heat flux sensor patch instead of a rectal thermometer or electronical pills.



Evaluation kit JIRS30

Smart buildings and IoT

JonDeTech's sensors can be integrated into smart buildings, such as offices, EV-cars and homes, and delivers measurements for temperature control.



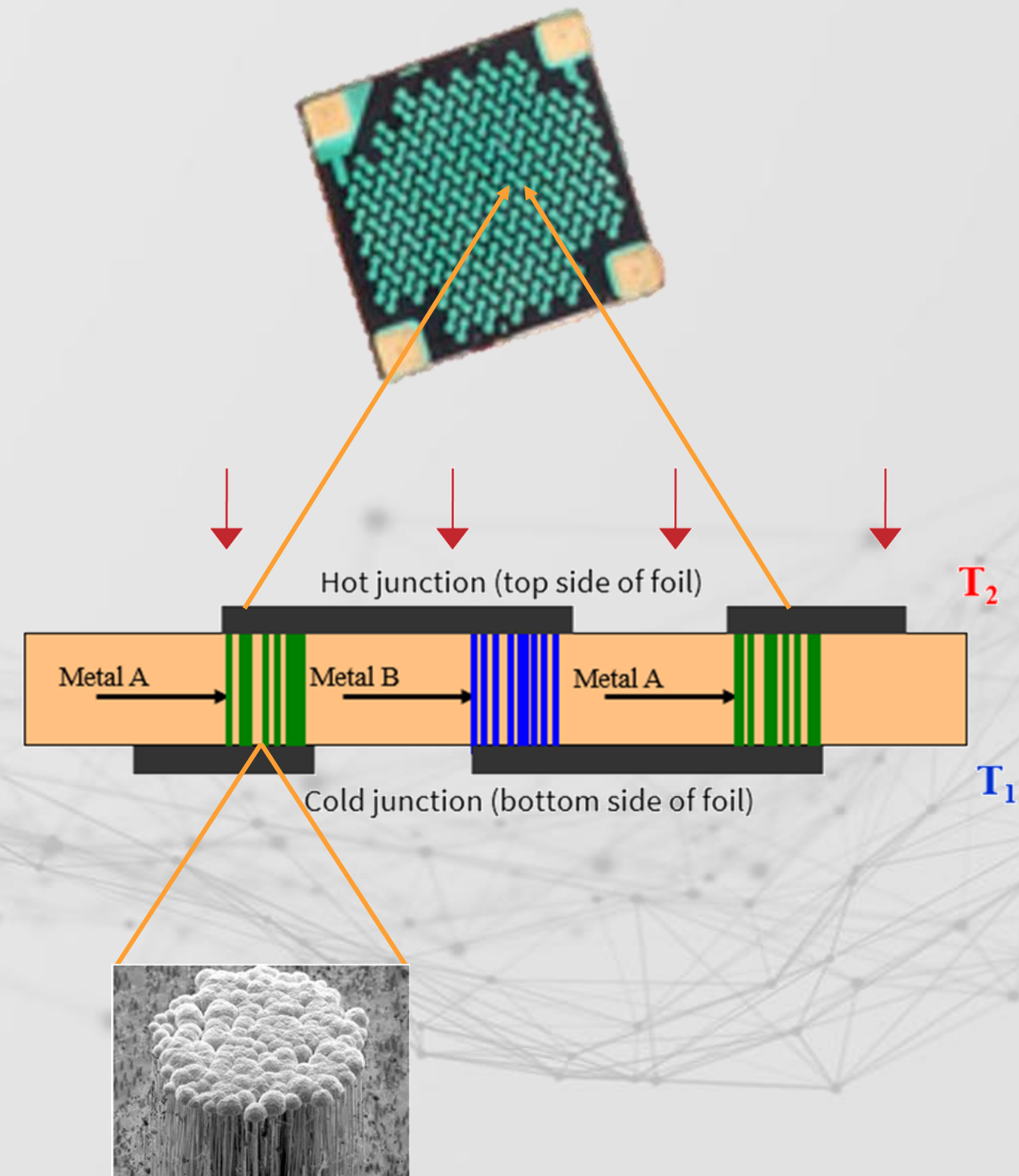
JIRS 30 – TECHNOLOGY

JonDeTech's technology in short

JonDeTech has developed the worlds thinnest thermophile, with a vertical structure instead of the traditional horizontal construction using nanotechnology. This configuration not only facilitates temperature measurement but also heat flow detection.

The product portfolio is supplemented with two silicon MEMS (microelectromechanical systems) sensors.

JonDeTech's sensors works a bit like a super-sensitive digital camera that doesn't capture regular pictures but instead sees the world through heat.



JIRS 30 – COMPETITIVE ADVANTAGES

Performance

JonDeTech excels in performance, offering high accuracy and reliability in temperature measurement and presence detection.

Size

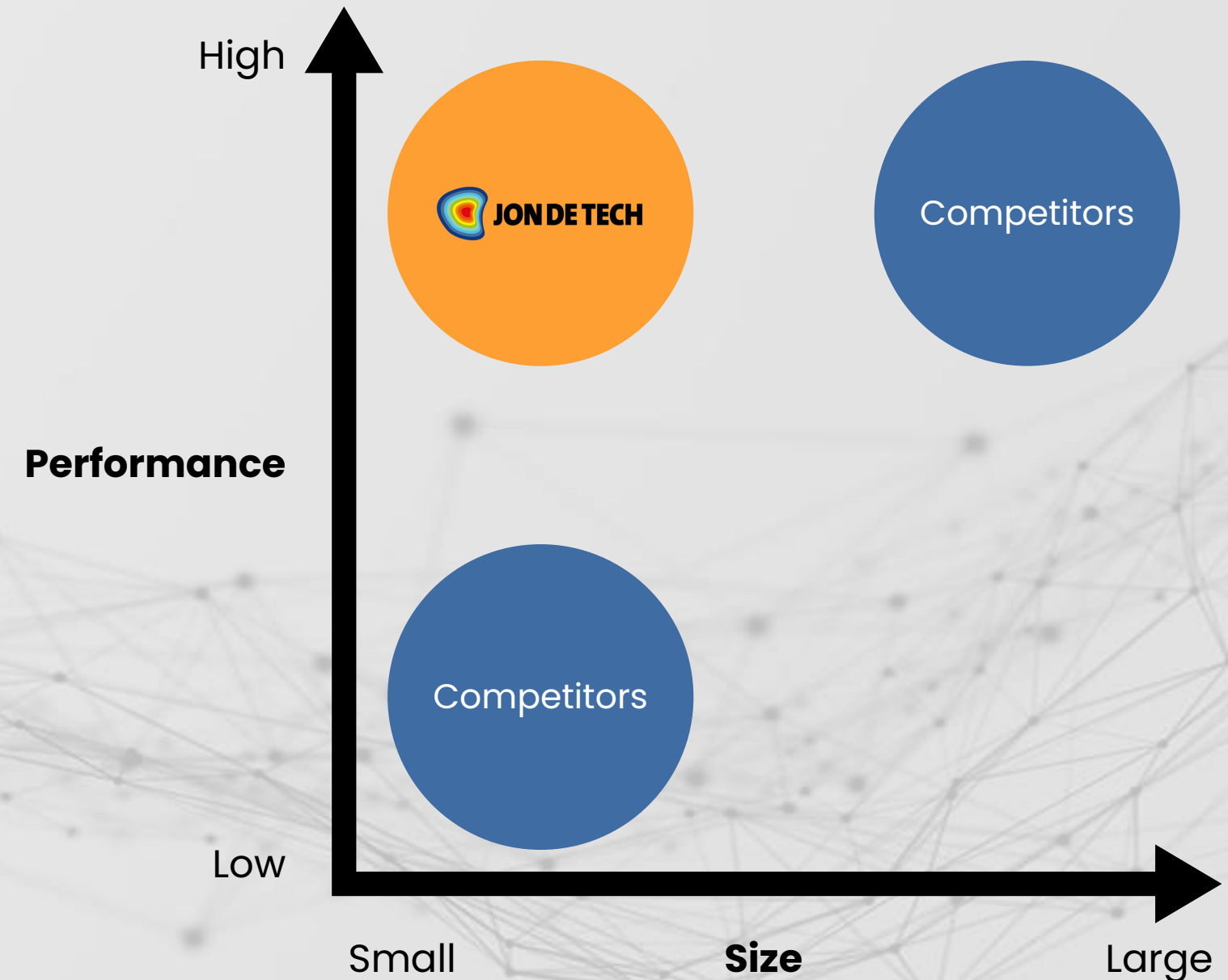
JonDeTech stands out with its compact size, ideal for integrating into various applications where space is limited.

Thickness

JonDeTech's sensors boast an ultra-thin profile, enabling seamless integration into thin devices and applications without compromising performance.

Price

JonDeTech offers competitive pricing, making its advanced technology accessible and cost-effective for a wide range of markets and applications.



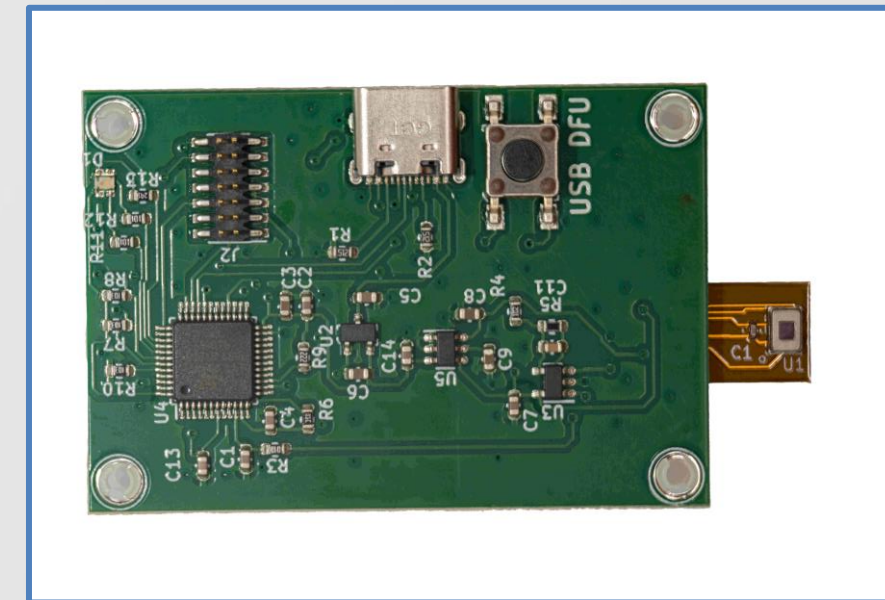
JIRS 40 –IR – PRODUCTS & APPLICATIONS

Contactless temperature measurement

- JonDeTech's IR sensor has the ability to measure the temperature of a surface without being in direct contact with the object. This enables fast and accurate measurement in products such as ear thermometers, small handheld devices such as mobile phones and temperature monitoring in buildings and offices.

Presence and absence detection

- JonDeTech's IR sensors work perfectly to detect human presence and absence. The sensor detects the heat that a human body radiates and can thus distinguish between a person and other objects. This feature is vital when it comes to getting reliable presence detection in products like laptops, digital door locks or detecting when someone is sitting in a seat in a car or bus.

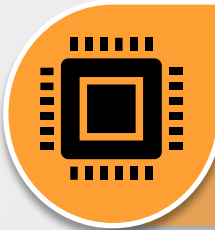


Evaluation kit JIRS40



CO-OP AND PARTNERS

JonDeTech has created a global network of suppliers, distributors, product companies and module houses that enables product development and sales.



The network makes it possible for JonDeTech to create patented proprietary products.



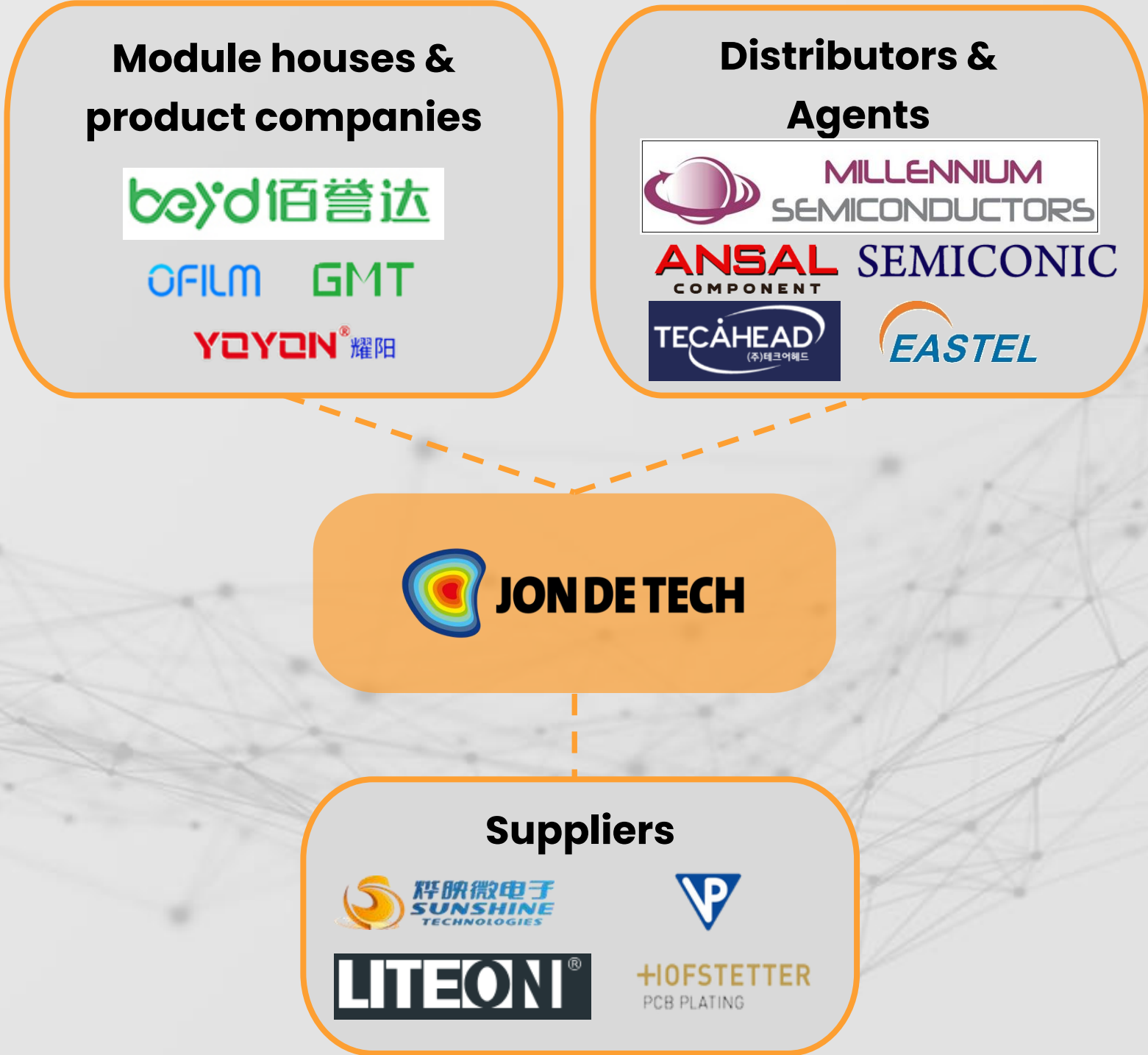
External partners with know-how in manufacturing of sensors creates a scalable business model without high Capex-injections, leading us to reduced production cost.



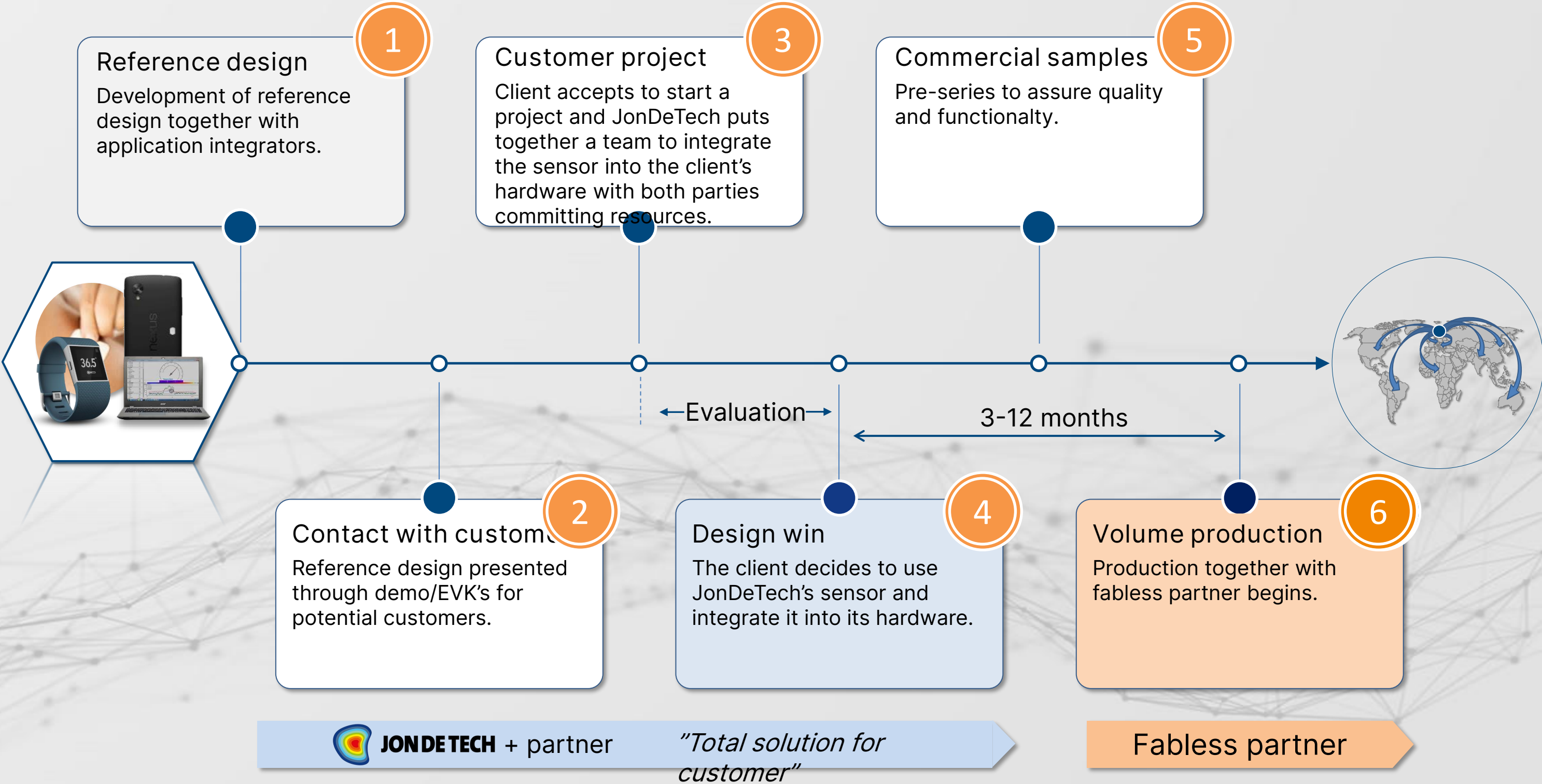
Partnerships will contribute to global sales growth.



JonDeTech is looking to expand its network with digital sales platform, agents and new distribution agreements.



GO TO MARKET STRATEGY



Global distribution



ONGOING EVALUATIONS

Heat flux

- Wrist watches
- Ear buds
- Smart patches
- Monitoring EV batteries
- Gaming controls
- Gas stoves



Presence detection

- Keylock, leads in several regions
- Urinals
- Alarm systems / doorbell
- Robot vacuum cleaners
- Presence in Cars



Temperature measurement on distance

- Coffee machines
- Fire detection



INVESTMENT CASE

Unique products

JonDeTech's unique products with exceptional precision and efficiency, positions the company at the forefront of disruptive technology while being cheaper and smaller than existing products.

Scalable business model

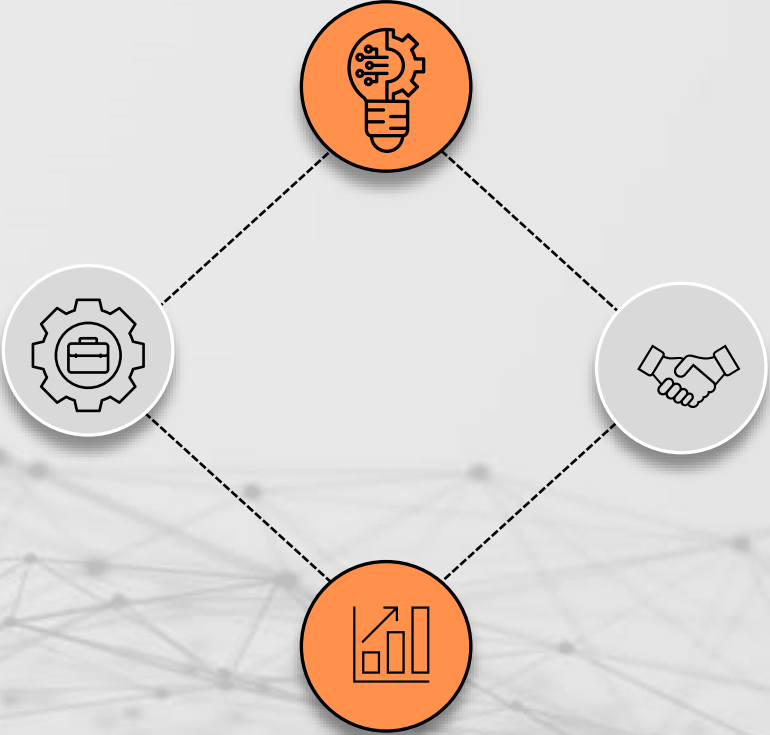
JonDeTech's scalable business model, centered around the innovative sensor technology with diverse applications in consumer electronics and IoT, presents an attractive opportunity poised for rapid growth and market expansion.

Strategic partnerships

JonDeTech's strategic partnerships with leading electronics manufacturers, distributors and suppliers and ongoing projects with top-tier clients underscore the company's collaborative approach and potential to leverage its innovative sensor technology across a wide range of commercial applications.

Huge market potential

JonDeTech's sensor technology has significant market potential, with projected growth driven by increasing demand for smart devices, IoT applications, and healthcare solutions, positioning the company for substantial expansion and market leadership in the sensor industry.



BOARD OF DIRECTORS



JAN JOHANNESSON

Chairman of the Board since 2023

Jan holds a degree in civil engineering from the Lund University. He has many years of experience working with fast-growing high-tech companies with a global focus.

Jan has previously held senior positions at companies including Fingerprint Cards and Ericsson.



MAGNUS ENESTRÖM

Board member since 2019

Magnus holds a degree in civil engineering from the Royal Institute of Technology.

He has many years of experience in leadership and business development, including a role at Barotec AB.



DAVE WU

Board member since 2020

Dave holds an MBA from UC Berkeley in California.

He has a long history as an investor, focusing on telecom, mobile internet, digital security, and green energy - particularly in the Chinese market.



BENGT LINDBLAD

Board member since 2015

Bengt holds a degree in civil engineering from Linköping University.

He has extensive experience in running his own companies and as a value-creating investor.



KARL LUNDAHL

Board member since 2022

Karl holds a degree in civil engineering from Chalmers University of Technology.

He has extensive experience with both large and small high-tech companies, primarily in the electronics and semiconductor industries, specializing in taking innovative products from concept to mass production.

MANAGEMENT



LEIF BORG

CEO since 2023 and active in the company since 2018

Leif is an Engineer with many years of experience in leadership roles from various companies (AstraZeneca, Eberspaecher and Crane currency) in international contexts.

He recently run his own management company.



ADAM BÄCKSTRÖM

Interim CFO since 2023

Adam holds a bachelor's degree in economics from Kristianstad University.

He is a partner at Pro Rata AB and has previously held positions as CFO at EPTI AB (publ) and Invajo Technologies AB (publ).



NIKLAS KVIST

CPO since March 2024 and active in the company since 2016

Niklas holds a master's degree in electronics and software from Linköping University.

He has many years of experience in roles such as CTO and CPO in the technology industry.

THANK YOU

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