



AJPROTECH

PRODUCT DEVELOPMENT FROM IDEA TO MASS PRODUCTION



is an award-winning IoT Product Development studio partnering with clients to develop & manufacture new Consumer electronics, Internet of Things, and Wearable devices



[About us in 1 minute](#)



Research & Development



Electrical Engineering

Our Expertise

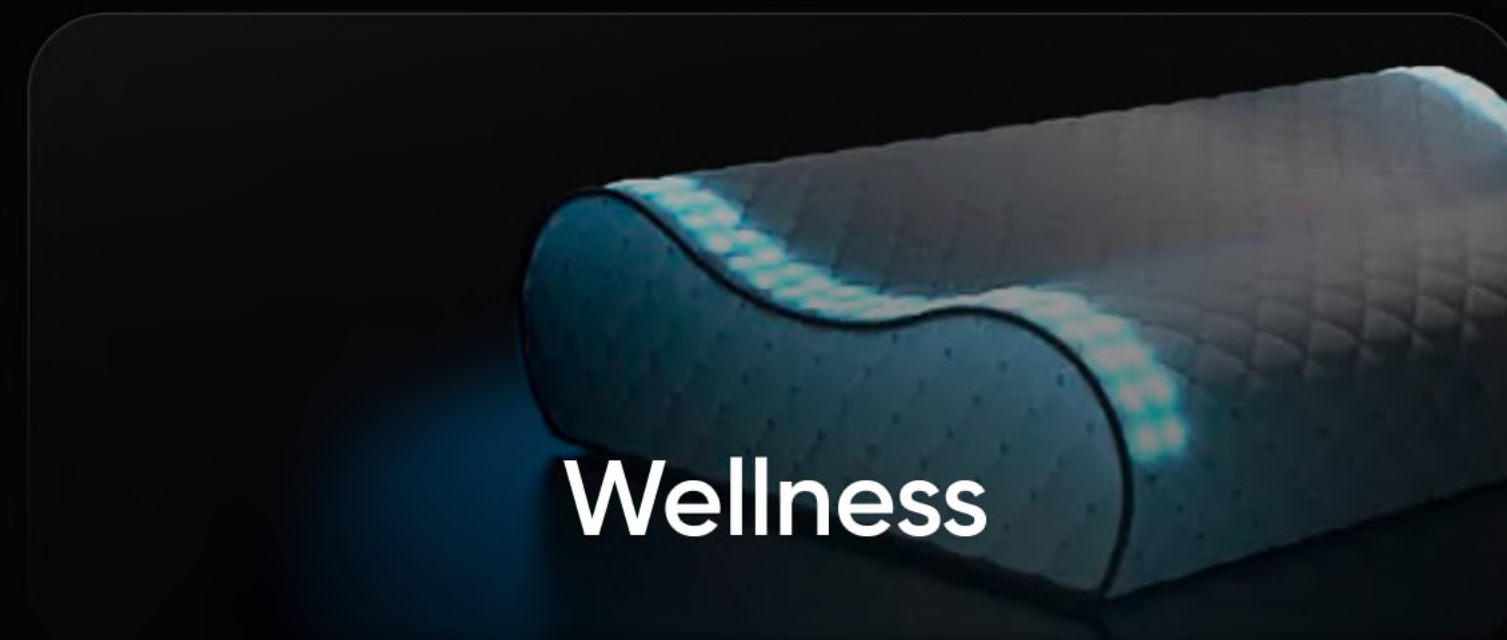
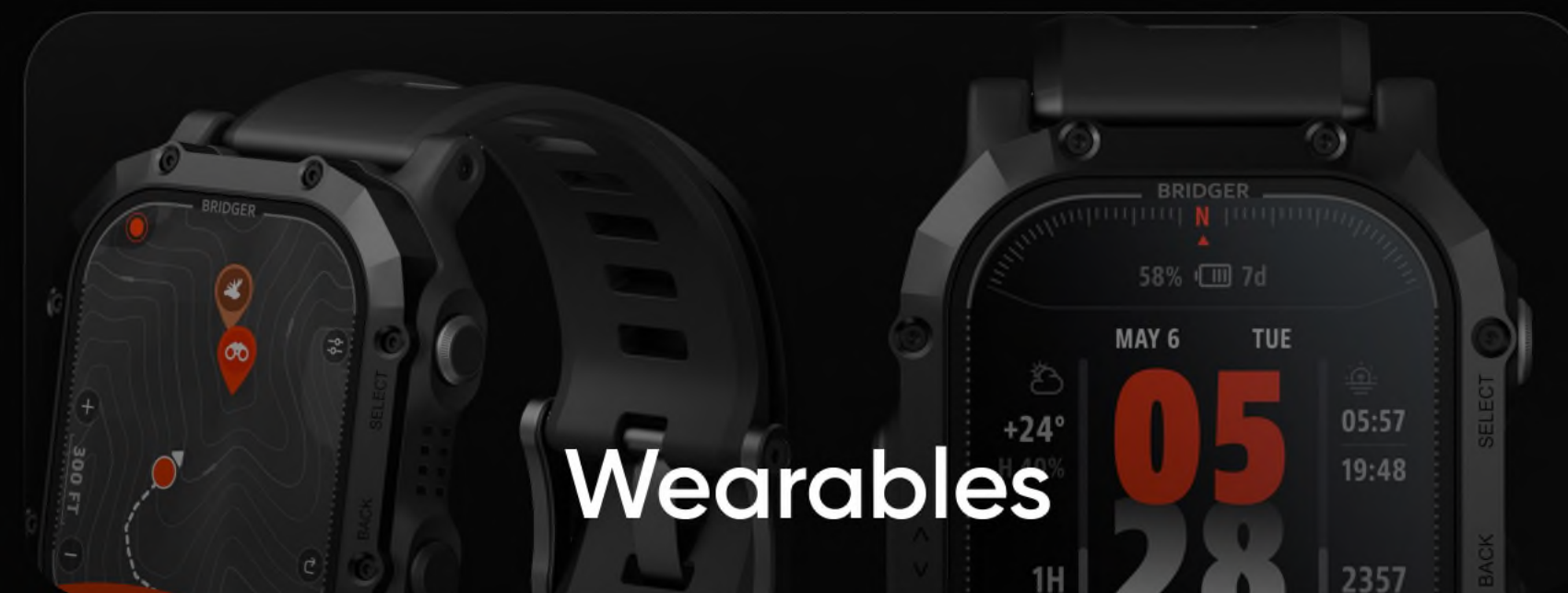
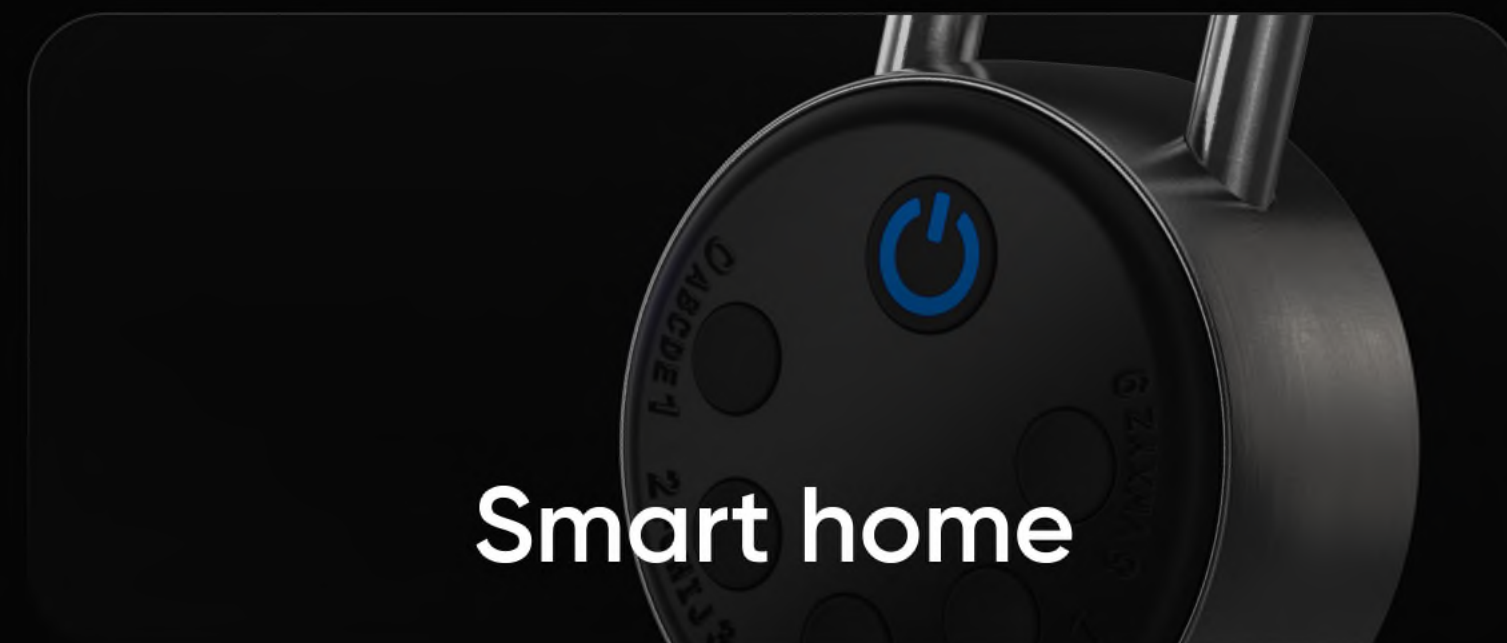
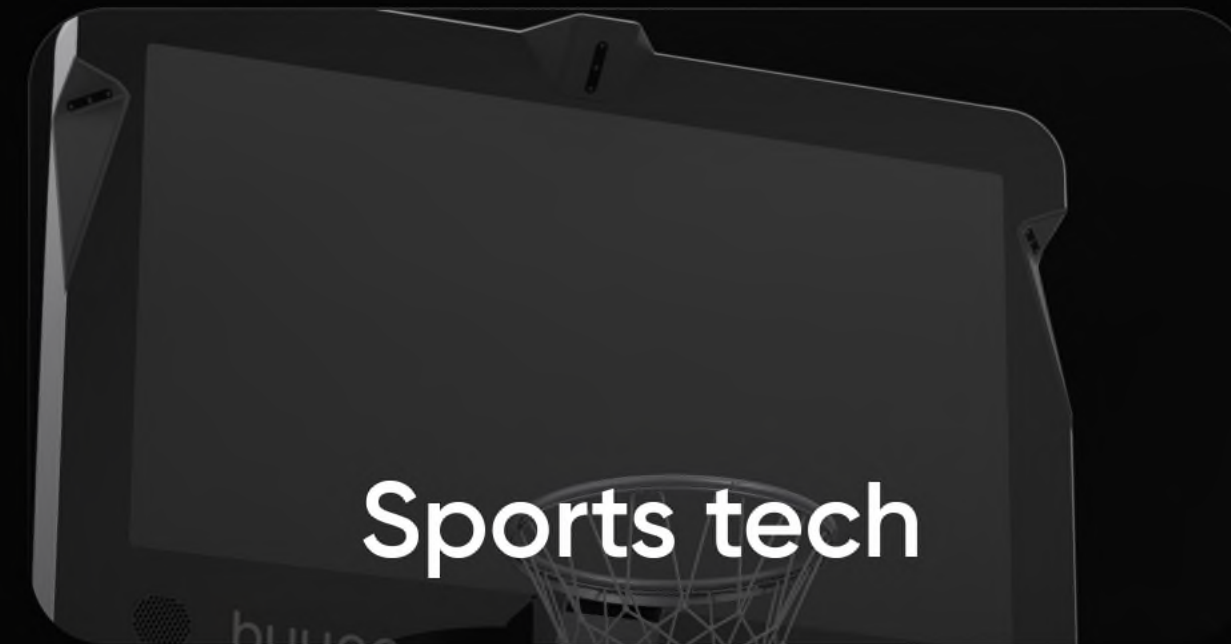
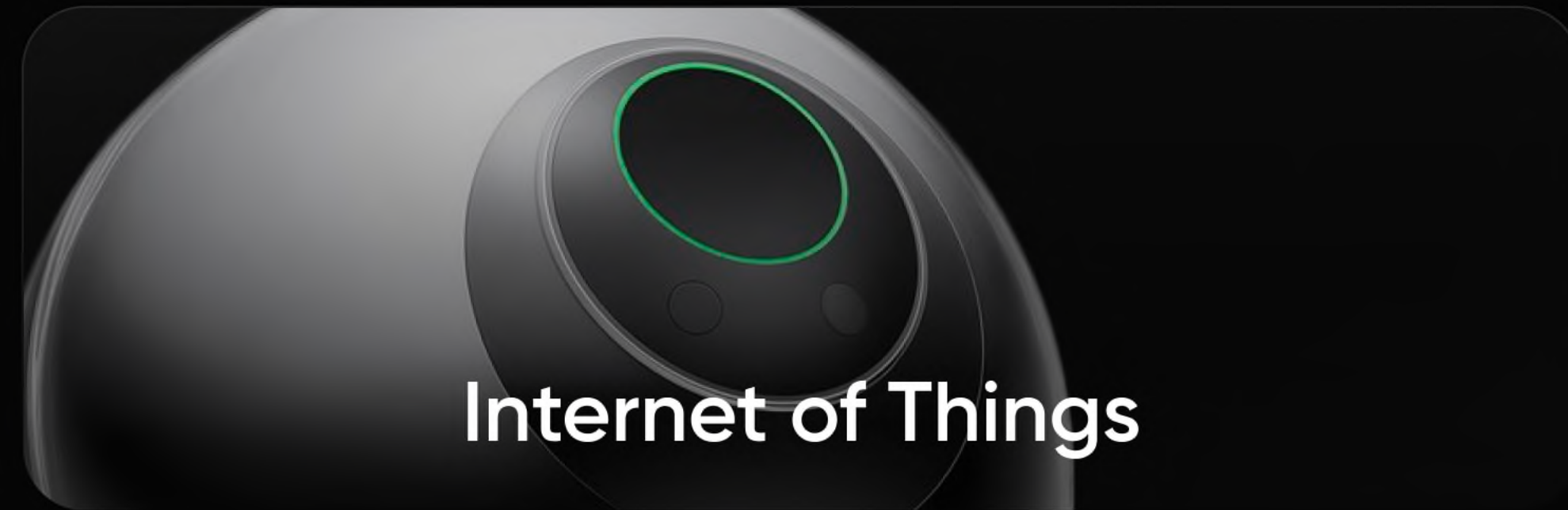


Product design &
Mechanical engineering



Design for Manufacturing &
Production Support

Industries We Serve





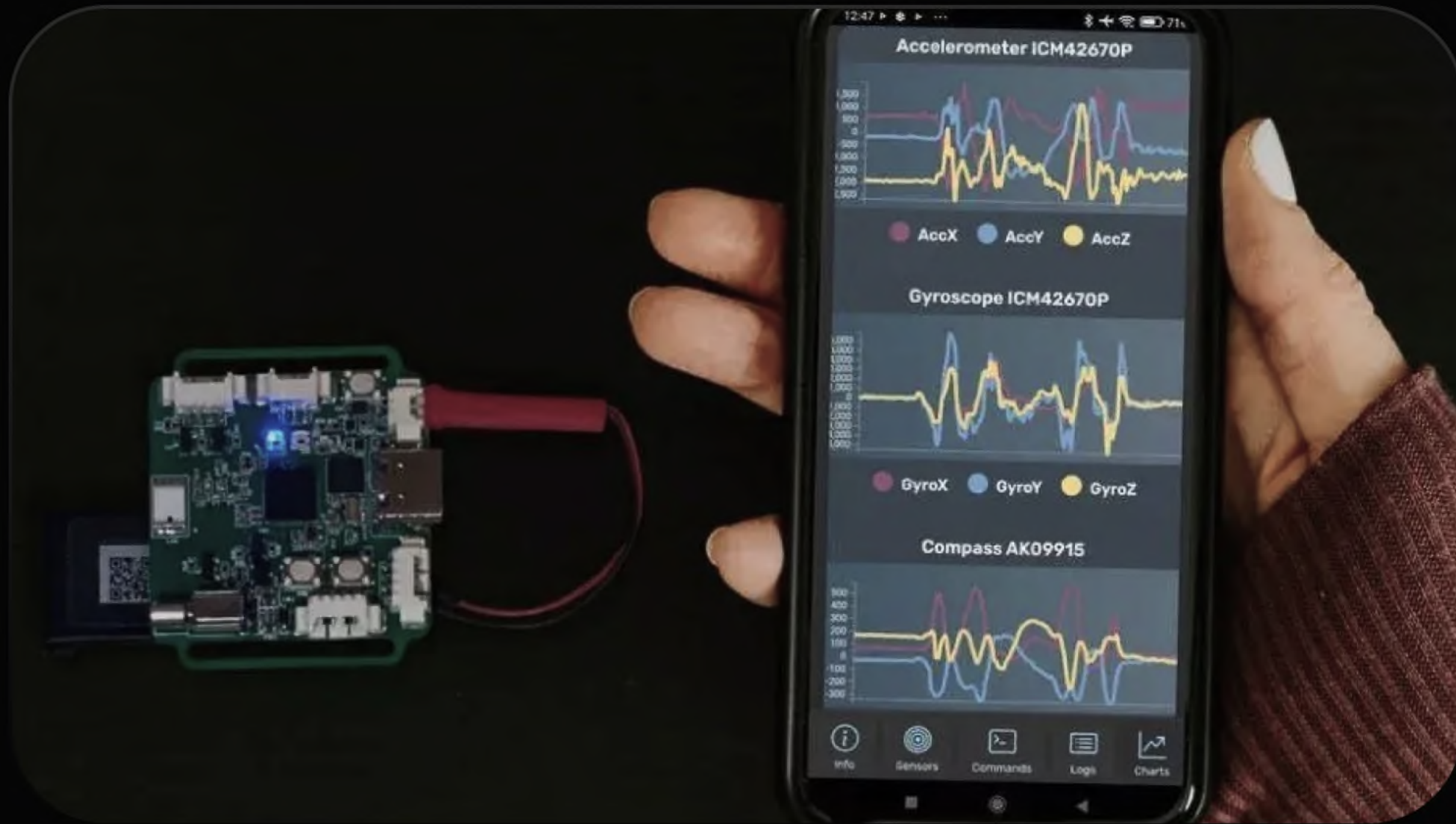
Research & Development is the foundation for your product

- # Feasibility study
- # Technology analysis
- # Cost estimate
- # Proof of Concept
- # Rapid prototyping

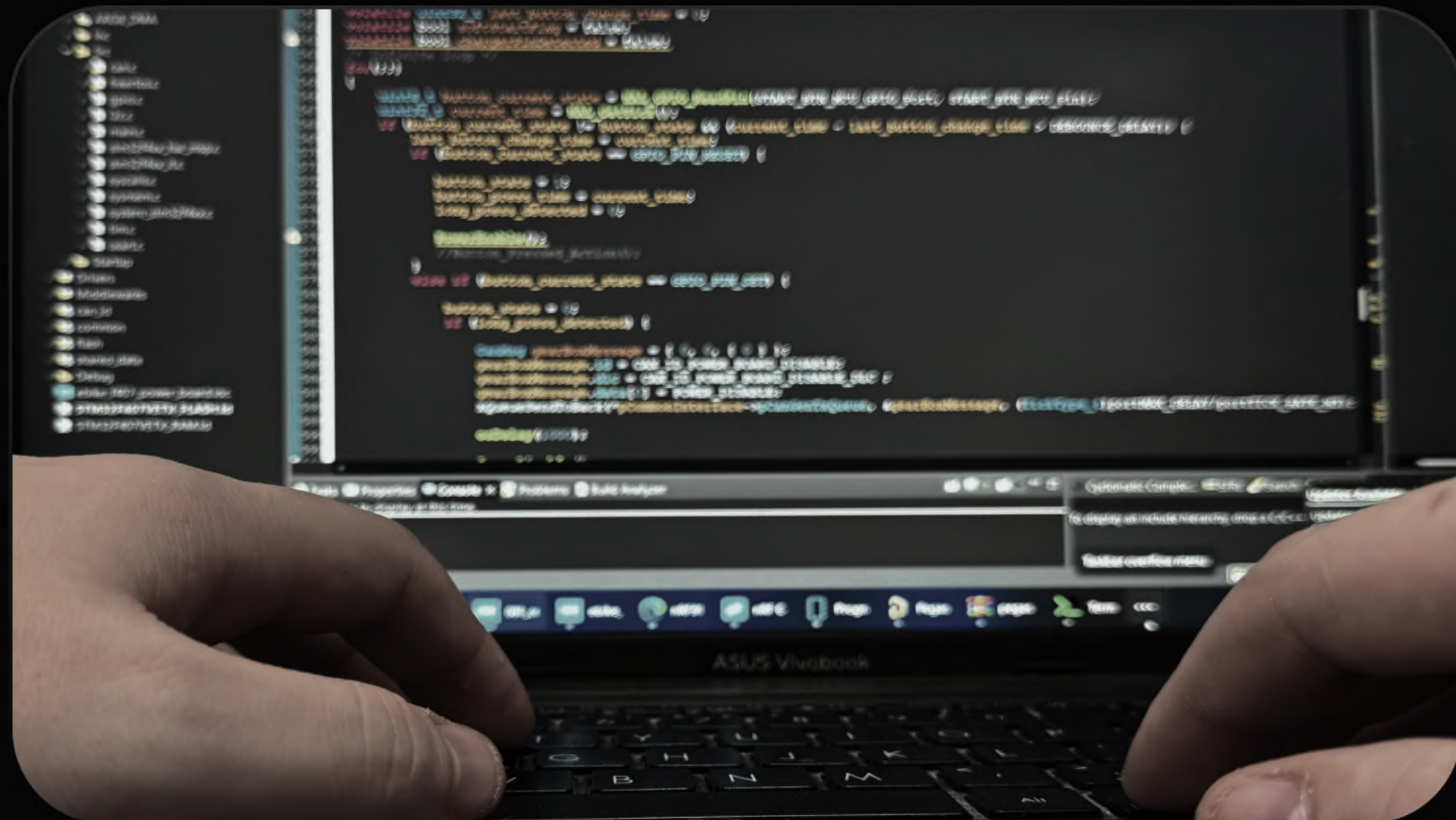
Engineering is an essential part for product success

- # Electrical engineering
- # Mechanical engineering
- # Firmware development
- # PCB design
- # Low Power devices
- # Wireless interfaces (BLE, Wi-Fi, LORA)
- # Engineering Validation (EVT)





Software Development to make your device smarter and connected

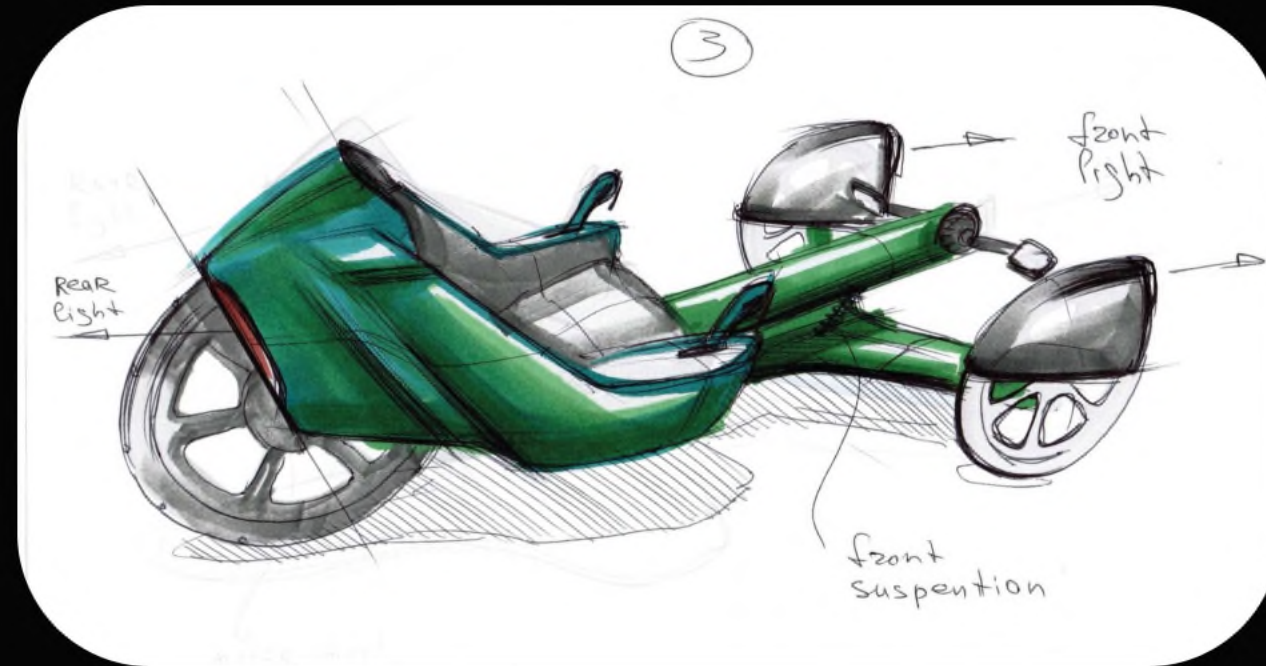


Connected IoT Mobile Apps

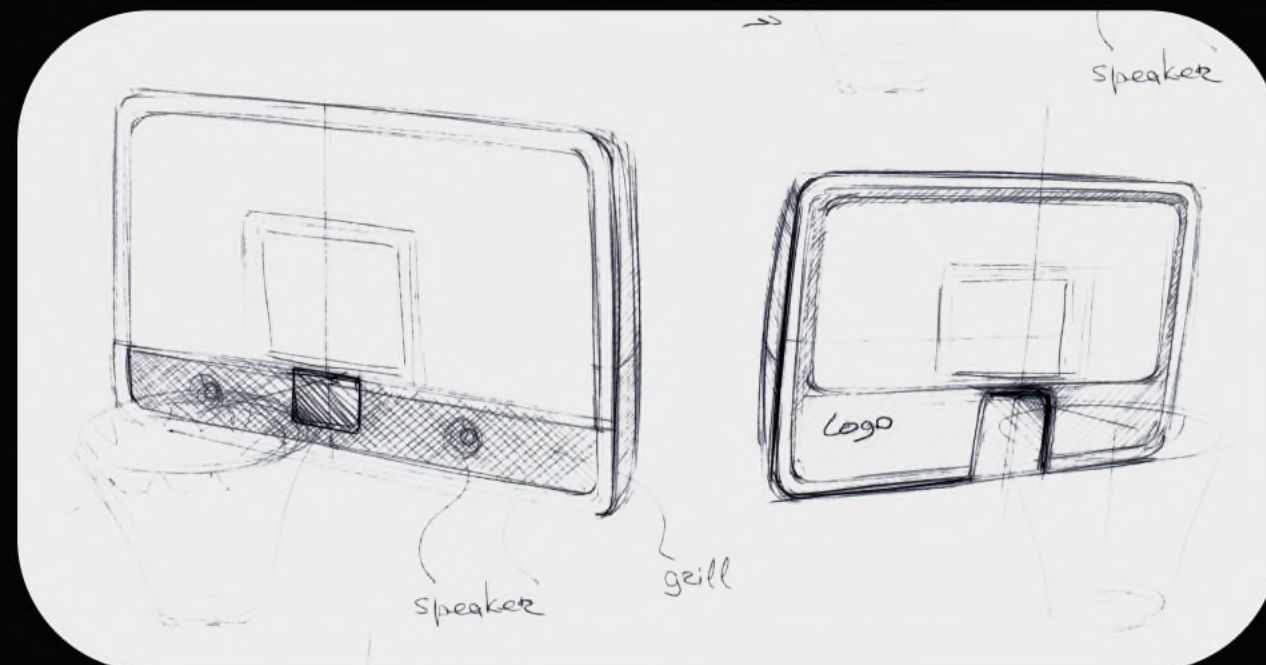
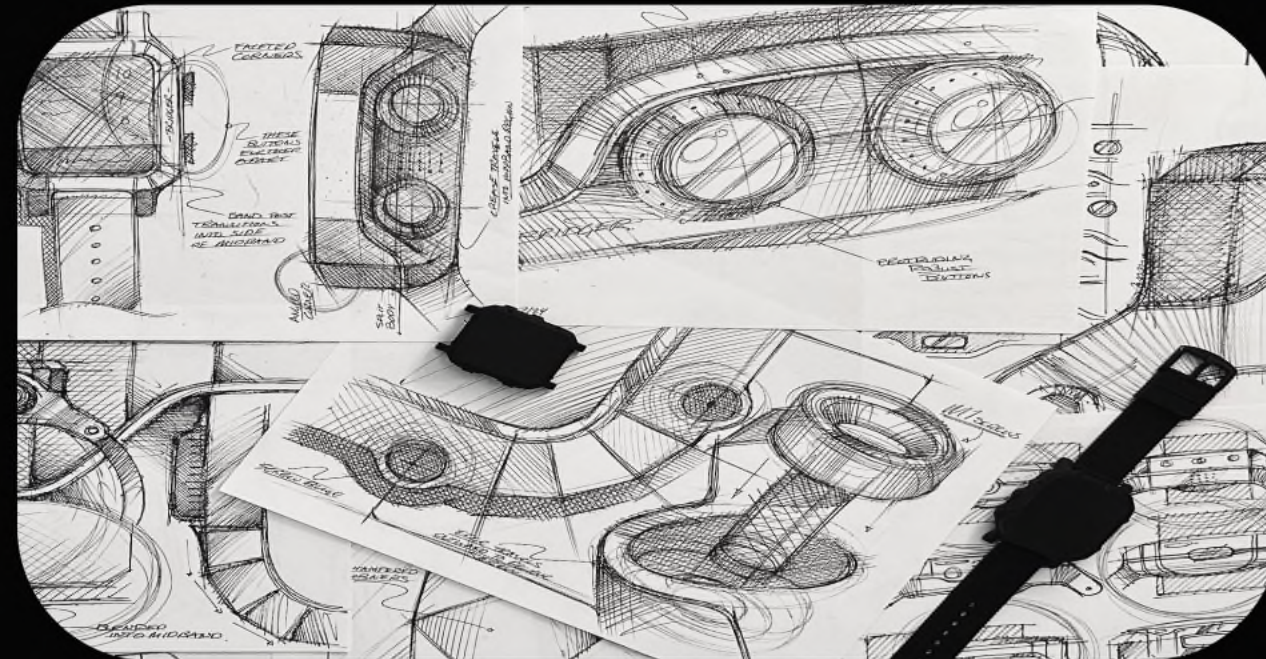
Computer Software

Backend Systems

UI / UX



Product design to make your device stand out



- # Industrial design
- # Mechanical engineering
- # Plastic enclosures
- # Metal and alloys
- # 3D printing
- # Silicon Molding
- # Rapid prototyping
- # 10-500 units initial batch

Design for Manufacturing to build your product at scale

- # Low volume production in house
- # Contract Manufacturer selection
- # Tooling design
- # Production support
- # Compliance testing



TERRAGLIDE

BRIDGER

Our award-winning projects



Model 2



Recumbent electric tricycle



Smartwatch for hiking trails

huupe



Smart basketball hoop

MELOSCENE



Music creation platform

We are
trusted
by brands



Smart mini
basketball hoop



Biometric device



Biofeedback VR
headset

From idea
to mass
production



Dental health
device



IoT padlock with
mobile apps



Sleep Therapy
device

We are
trusted
by brands



Industrial bluetooth
headphones



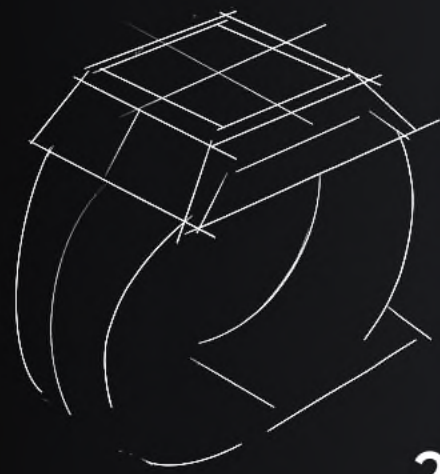
Neurofeedback
EEG device



VR kinetic tracker

Proven track from idea to mass production

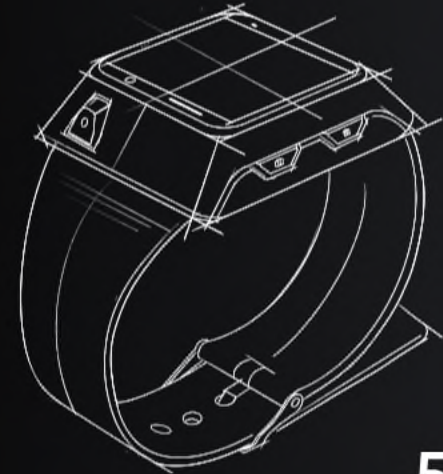
01 Feasibility study



2 – 3 months

- Solution research
- Product Specification
- Component selection
- Early industrial Design
- Cost estimate

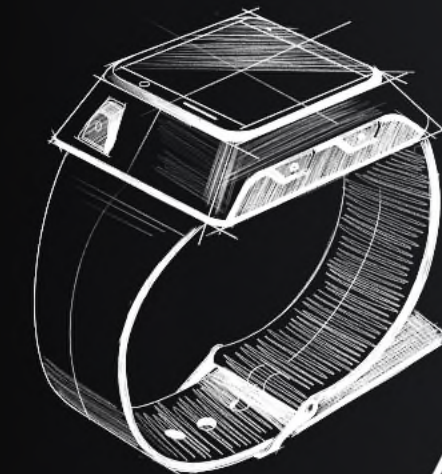
02 Engineering Validation



5 – 6 months

- Detailed engineering
- Industrial Design
- Electronics development
- Embedded firmware
- Mechanical design

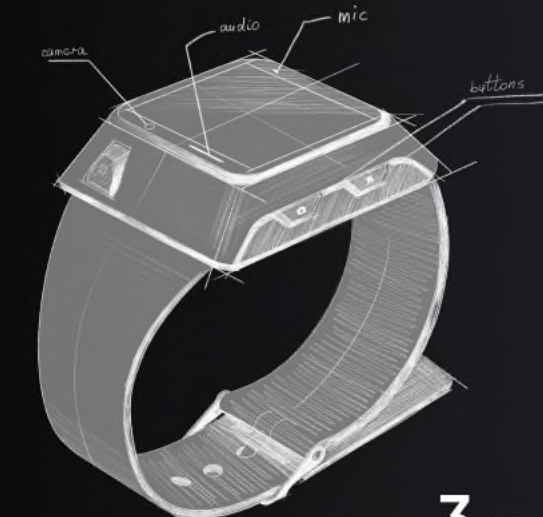
03 Design Validation



4 – 5 months

- Select Manufacturer (CM)
- Design for Manufacturing
- CMF (Color, Materials, Finishing)
- Electronics design ECO
- Firmware / Software finalization
- DFM for Mechanical parts

04 Production Validation



3 – 4 months

- Supply chain optimization
- Final tooling for all parts
- Prepare Functional tests
- Create test jigs
- Fault and yield review
- Order parts for first batch



Alex Gudilko

CEO, AJProTech

Engineer, Tech entrepreneur, Angel Investor

- 12 years of experience in Product Development for IoT gadgets, Consumer Electronics and Industrial systems
- Forbes Technology Council Expert
- Mentor at Plug & Play Tech Center

Startup mentorship

Advisory board

Investments

Recognized by



Development partnerships



Our clients

We are trusted partner for world best startups and industry leading global companies.

ExxonMobil

 **HYUNDAI**

 **UNITED STATES
POSTAL SERVICE**

40 Years of Zen

 **Guardio**
PERSONAL PROTECTION INNOVATION

WR
WIN REALITY

huupe

ABOM

 **WORLD COIN**

INNOVA IDEAS

TERRAGLIDE

MROSUPPLY
TRUSTED SINCE 1898™

fedora

Dave Asprey

sound oasis®
sleep better. feel better. live better.®

Our clients raised over \$200M from world top Venture Capital funds and crowdfunding platforms.

Contact us



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