



MAKIPOS ELECTRONICS

Electronics Manufacturing Services

[HTTPS://MAKIPOS.COM/](https://MAKIPOS.COM/)

ABOUT US



Makipos is a Vietnam-based EMS company established in 2015. We specialize in electronics manufacturing services including PCB Design, PCB Assembly and IoT Solution Full-Stack.

By the unique combination of R&D and PCB Assembly, we support from design to production, from prototype to mass production with international quality in Vietnam for lower cost

10+ years

Of experience delivering electronics projects for domestic and international clients.

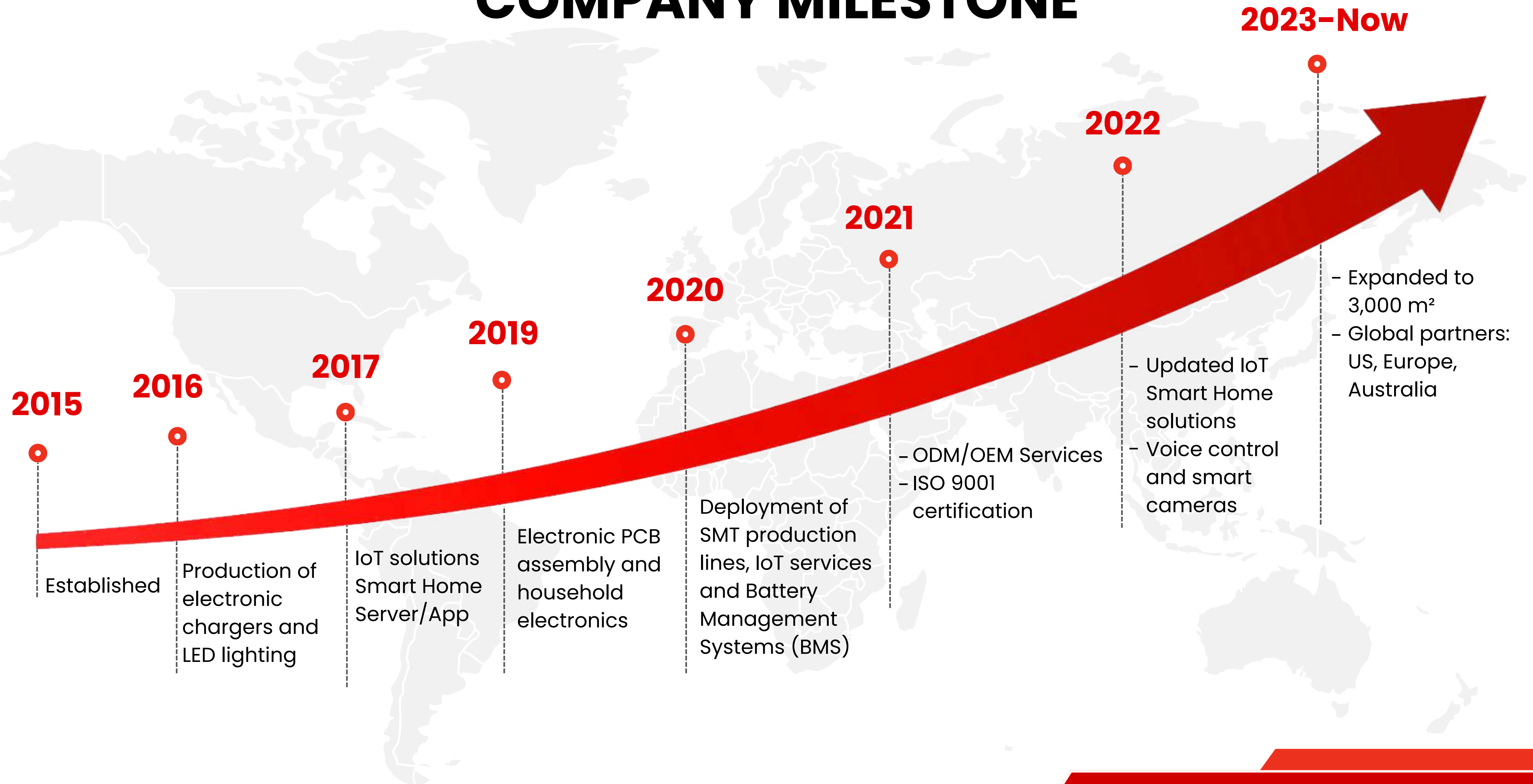
30000+ m²

New factory expansion by 2026 to enhance production capacity.

70+ R&D Projects

Developed annually, turning ideas into reliable products.

COMPANY MILESTONE





01

VISION

Makipos aims to become a **globally trusted electronics partner**, building advanced facilities, expanding capabilities and setting new standards for quality and reliability.

02

MISSION

Makipos aspires to accompany businesses by providing optimized electronics solutions that enable them to create **high-quality products** for consumers, contributing to an improved quality of life.

CORE VALUE

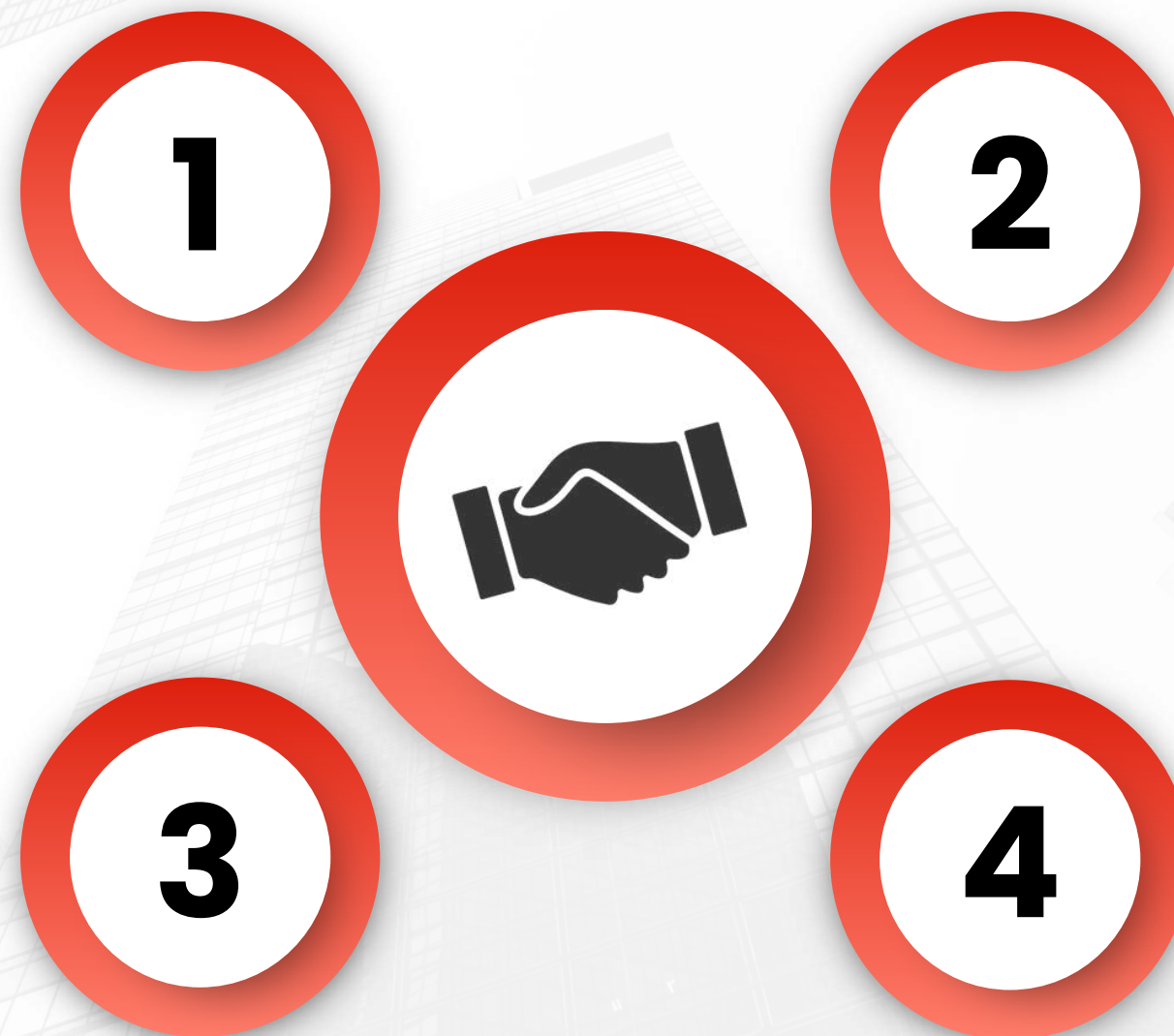
Built on responsibility – Powered by engineering – Driven by improvement

Commitment & Responsibility

- Transparent & proactive communication
- Fast technical response at any project stage
- Full testing – traceable QA data

Kaizen – Continuous Improvement

- Always ask: “What can be better?”
- Learn fast – update faster
- Improve design, testing, communication



Partnering for Growth

- End-to-end support: idea → market
- Feasible, optimized solutions
- Technical collaboration – not just production

Vietnamese Spirit – Global Standards

- 100% Vietnamese-owned – globally trusted
- ISO 9001:2015 | Lead-Free | Full in-house QA
- Fast decisions – direct global client support

CORE SERVICES



PCB Assembly

Delivering reliable, export-ready products with international quality standards

- Turnkey production: from SMT assembly to final packaging.
- No MOQ, suitable for pilot runs and mass production.
- ISO 9001:2015 | Lead-Free certified.



PCB Design

Shorten time-to-market and reduce total cost

- In-house R&D delivering custom hardware, firmware & architecture
- Prototyping to mass production
- Design Warranty included



IoT Solutions Full Stack

Providing complete IoT solutions from device to cloud

- Embedded firmware + connectivity: BLE/Wi-Fi/LoRa/4G
- Cloud-ready & Scalable, cloudready
- Suited for both consumer & industrial

INDUSTRIES

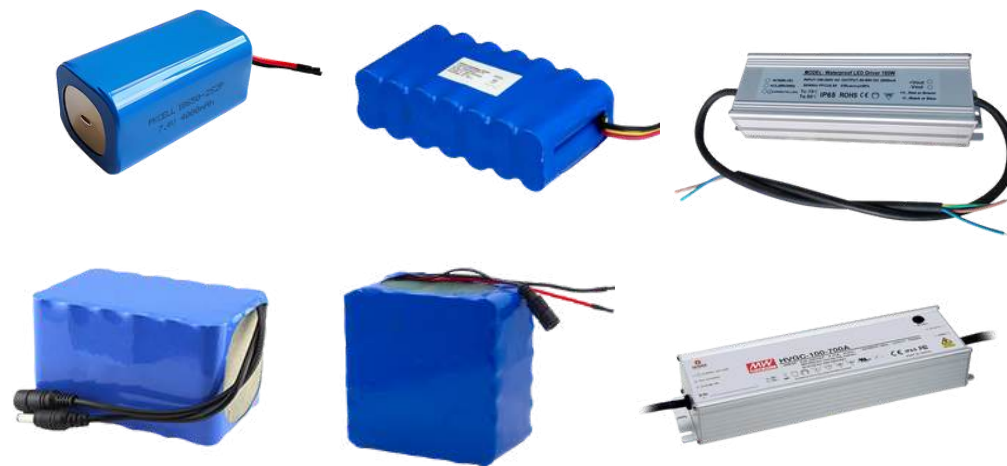
Home Appliance



Smart Home & IoT Devices



Energy & Power Systems



Industrial Connectivity Modules



Smart Agriculture



WHY CHOOSE MAKIPOS

In-House R&D

Designs optimized for manufacturability and cost efficiency

End-to-End Solution

In-house R&D and production help shorten your time-to-market

Flexible Production

No MOQ – start small, scale fast as your business grows

Global Trust

Proven record with US, Japan and Europe clients ensures international quality and reliability.

Proven Quality & Compliance

- ISO 9001:2015
- RoHS & REACH compliant
- AQL 0.65 inspection standard



FACTORY CAPABILITIES



Makipos provides flexible manufacturing capabilities to serve diverse project scales. Our standardized processes and certified production lines ensure reliability and global compliance.

2

Modern SMT lines with
clean room environment

30000+

3000m2 manufacturing area under
expansion across 2 factories

1M+

Unit annual
production capacity

60+

Skilled team of engineers and
production staff



Ha Noi



Bac Ninh

HA NOI FACTORY

Specialized in SMT and assembly for prototype and medium-volume orders, ensuring stable quality and quick turnaround under ISO 9001:2015.



>500,000
Units/year



Flexible for
pilot runs



ISO 9001:2015
Certified

◦ Line SMT



Printer GKG G9+



Mounter Hanwha
SM-471 Plus



Reflow Jaguar M6



AOI-3D



BAC NINH FACTORY



Located in the heart of Vietnam's electronics hub



Equipped with advanced SMT lines from Germany, Korea, and Japan



Skilled engineers with standardized QA process



Serving international clients with high-volume, export-ready capacity



Line SMT



Printer DEK
NeoHorizon
Germany



3D SPI
Koh Young Korea



Mounter SIPLACE
XS Germany



Reflow Heller 1913MK5
12 zones Germany



3D AOI
Koh Young Korea

Test – Measuring system



ICT Compact TK
Japan



X-Ray TVX-IM9000F
Korea



FCT

QUALITY COMMITMENT

Certified Process

- Standards: ISO9001:2015, ISO14001:2015, UL, RoHS, REACH
- Lead-free manufacturing
- AQL 0.65 inspection level

Testing & Inspection

- AOI, ICT, FCT, and functional testing for every project
- X-Ray inspection for BGA and fine-pitch
- 100% visual and electrical inspection before shipment



R&D Capabilities

Makipos's in-house R&D team combines deep engineering expertise with manufacturing insight. We help clients bring concepts to production **faster**, with **reliable**, **cost-efficient** solutions.

- Save product development time: **3-6 months/project**
- Optimizing the price and lead time of components
- Have a team with experience in IoT and Home Appliances > **8 years**
- Design warranty

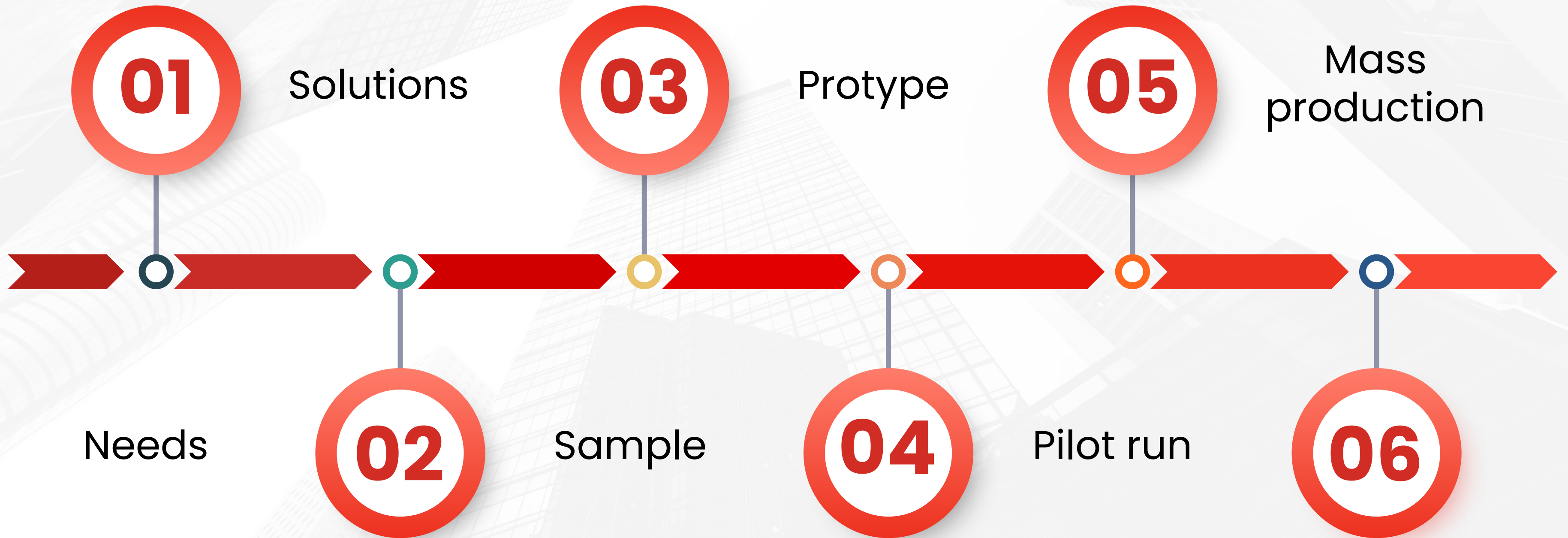


10+ in-house engineers

70+ R&D projects/year

20+ projects successfully transitioned to mass production

WORKFLOW AT MAKIPOS



CUSTOMER AND SUPPLIER

viettel

MUTOSI[®]
Nâng tầm sống khỏe chuẩn Nhật

Kangaroo[®]

tecmen

DNP HAWACO

ample

WHITE
INTERNATIONAL

Pi 2 Design
Professional Add-on's For the Raspberry Pi

ZANSORS[®]
PERSONAL HEALTH ANALYTICS
Know Yourself

SURFACE OPTICS

AirClean[®] Systems
The Fume Control Experts

VINFAST

Environmental
Altitude Systems

PHOTO FABRICATORS INC.
PRINTED CIRCUIT BOARDS

LiOA
For now & Forever!

CUSTOMERS

TOSHIBA

FUTURE
ELECTRONICS

EPI

MACNICA

RENESAS

TEXAS
INSTRUMENTS

ARROW ELECTRONICS

AVNET[®]

SUPPLIERS



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