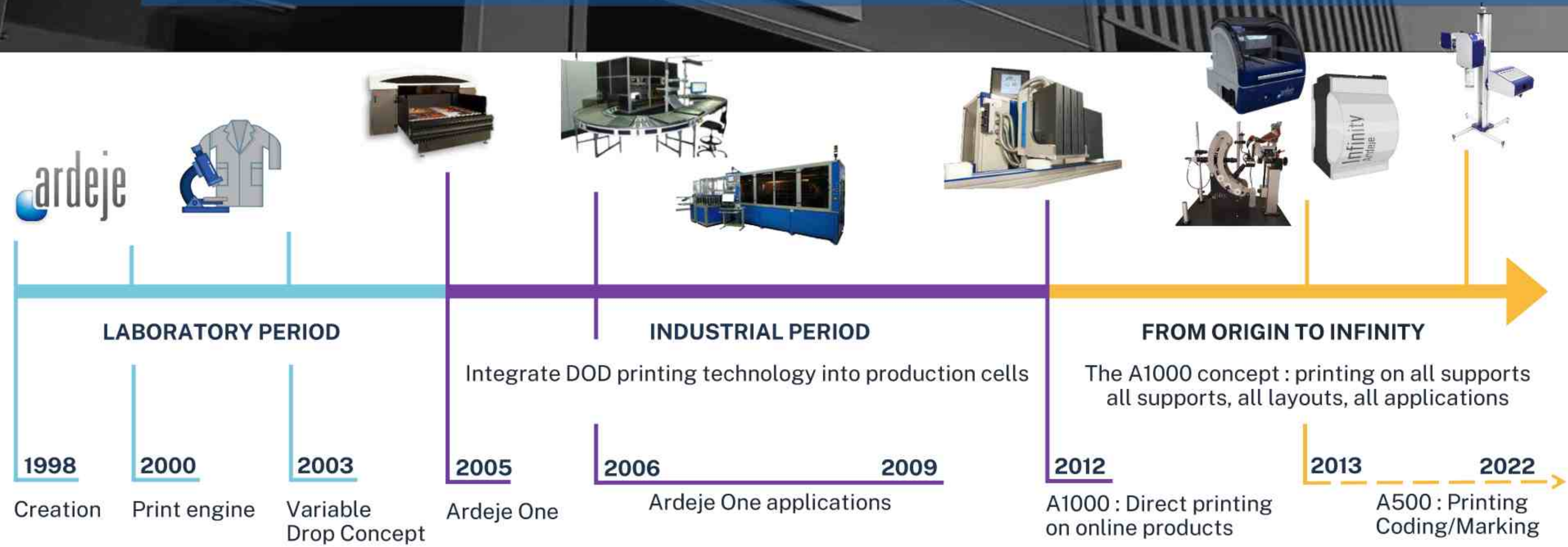ardeje

FROM ORIGIN TO INFINITY

ardeje

Ardeje's vocation is to provide digital printing technology adapted to the production lines of industrialists and the innovation projects of private and public laboratories.

ARDEJE IN FEW WORDS

LABORATORY PERIOD

INDUSTRIAL PERIOD

Integrate DOD printing technology into production cells

FROM ORIGIN TO INFINITY

The A1000 concept : printing on all supports
all supports, all layouts, all applications

1998	2000	2003	2005	2006	2009	2012	2013	2022
Creation	Print engine	Variable Drop Concept	Ardeje One	Ardeje One applications		A1000 : Direct printing on online products	A500 : Printing Coding/Marking	

OVER 20 YEARS OF EXPERIENCE IN INDUSTRIAL DIGITAL PRINTING

ALL TYPES OF BUSINESS AREAS

- Pharma
- Automotive
- Consumer goods
- Luxury
- Packaging
- Food & Beverage

ALL TYPES OF MATERIALS

- Plastics
- Metals
- Paper/cardboard
- Fabrics
- Wood

ALL TYPES OF ONLINE INTEGRATION

- Robots
- Conveyors
- Linear axes
- Magnetic conveyors

AN INTERNATIONAL DEPLOYMENT

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OUR EXPERTISE

FROM ORIGIN

- Sampling campaigns
- Stakes management
- Printing strategy elaboration
- Innovation
- Testing

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- Selection of the right printer
- Design/manufacture of printers
- Software development
- On-site integration
- Customer care

TO INFINITY

EFFECTIVE PROJECT MANAGEMENT

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STEP 1

Sharing the project, drawing up the specifications

STEP 2

Feasibility study : sampling campaign

STEP 3

Eventually, implementation of a POC

STEP 4

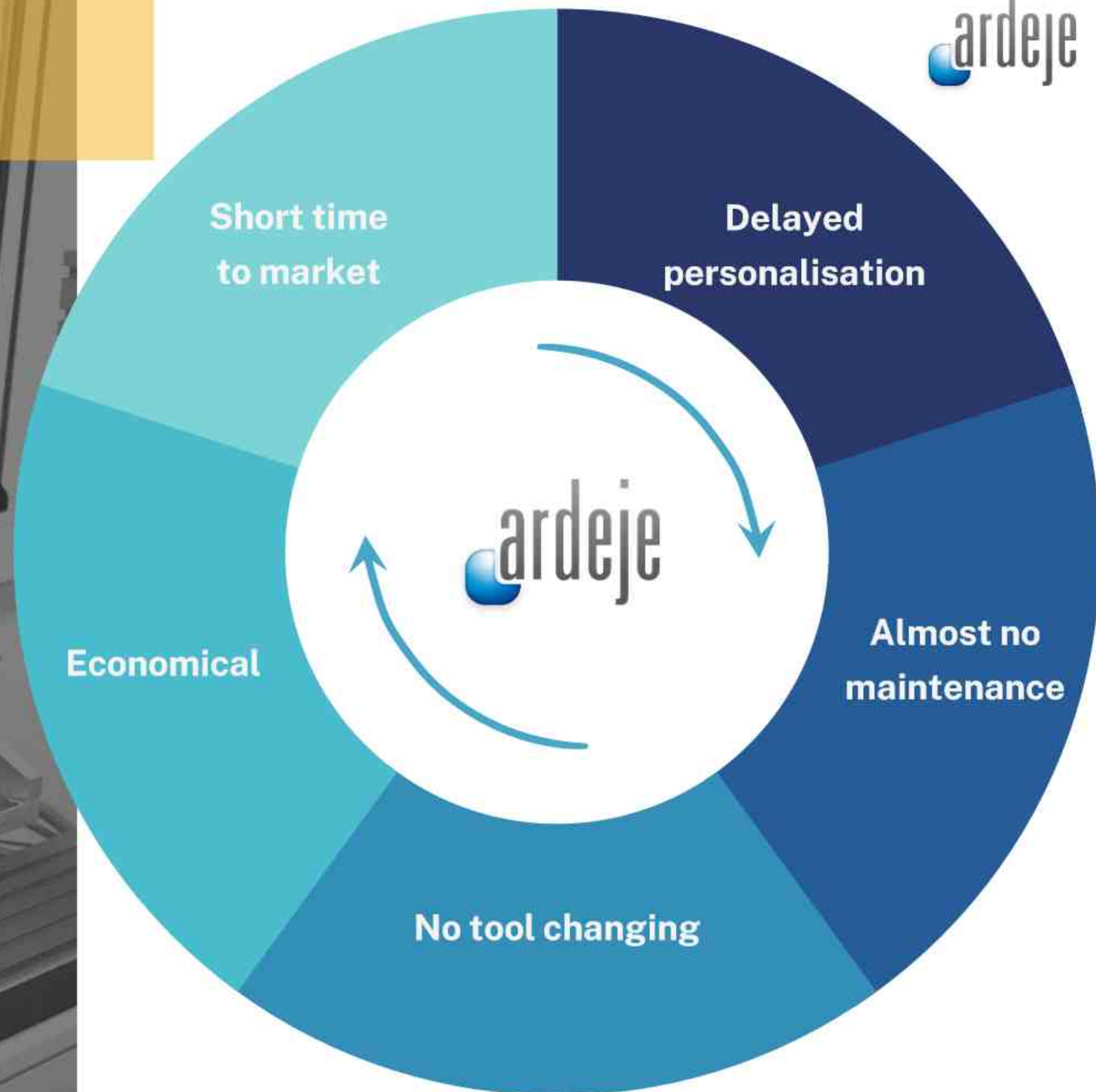Selection of the type of Infinity best suited to the project and its constraints

STEP 5

Integration of the printer and associated customer support

THE POWER OF AGILE TECHNOLOGY

DIGITAL: AN AGILE TECHNOLOGY

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Short time to market

Delayed personalisation

Economical

ardeje

Almost no maintenance

No tool changing

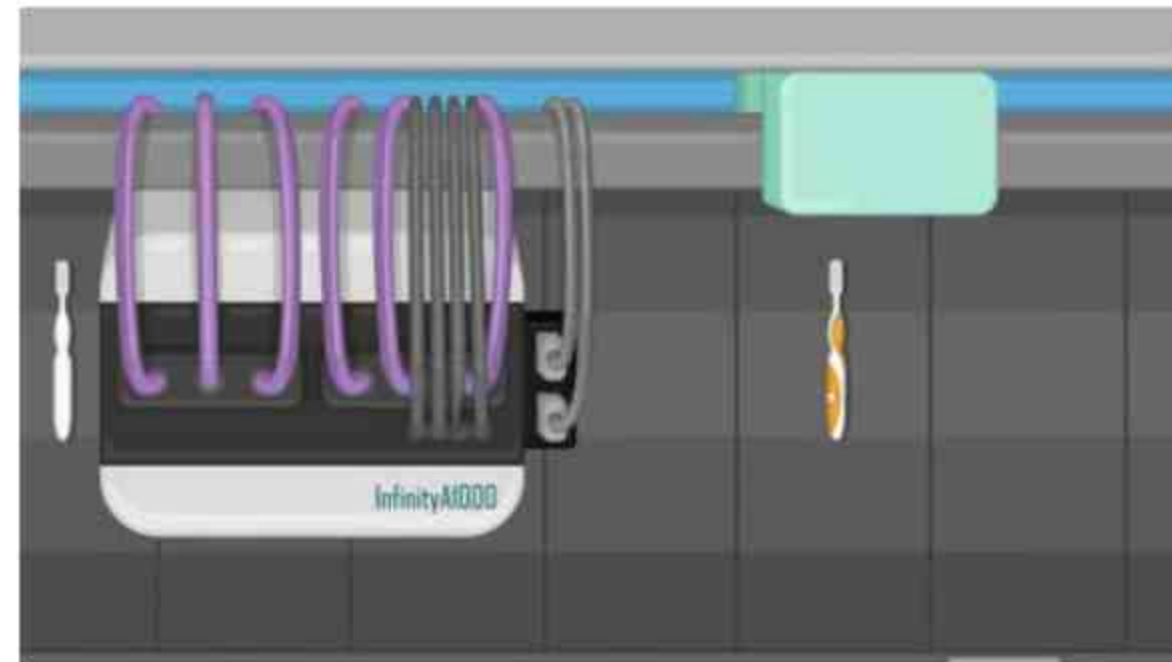**ardeje**

Delayed personalisation

Almost no maintenance

No tool changing

Economical

Short time to market

DELAYED PERSONALISATION

- Optimised logistics : stock management - just-in-time flows - small series
- The product of a unique consumer : Decoration in a unitary way - according to the expectations of the customer - growth of the turnover - new markets

InfinityA1000

ardeje

Delayed personalisation

Almost no maintenance

No tool changing

Economical

Short time to market

ALMOST NO MAINTENANCE

- The UV ink has this particularity to dry only cross-linked with a UV lamp.

Infinity Ardeje

ardeje

Delayed personalisation

Almost no maintenance

No tool changing

Economical

Short time to market

NO TOOL CHANGING

You print images without changing the tooling. The change is organised by the PC.

- Saves time
- More environmentally friendly
- Less consumables

ardeje

Delayed personalisation

Almost no maintenance

No tool changing

Economical

Short time to market

ECONOMICAL

Only the pixels of the image are printed by the printer, so the ink consumption is 100% optimized.

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Delayed personalisation

Almost no maintenance

No tool changing

Economical

Short time to market

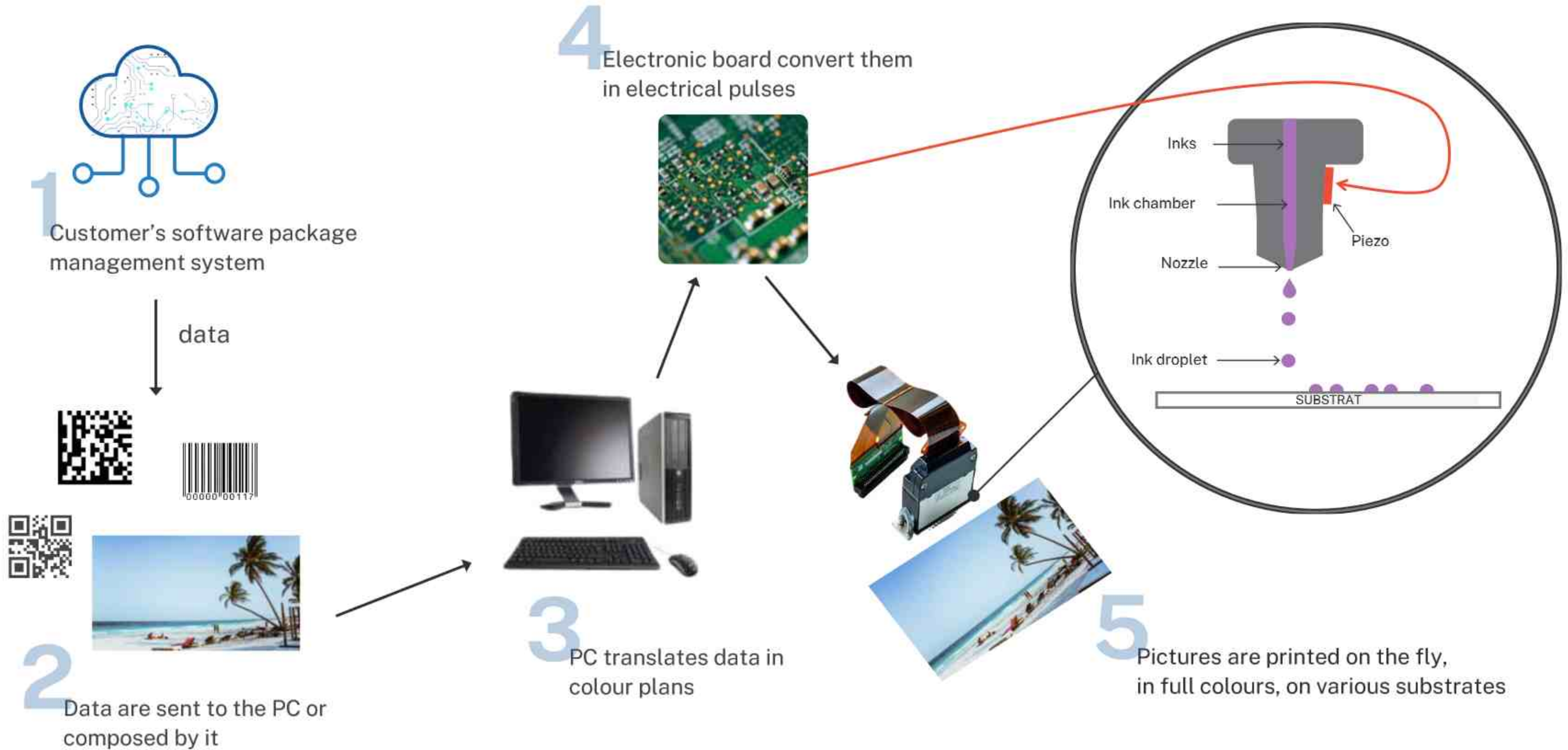## SHORT TIME TO MARKET

The agility of the technology opens the door to rapid and efficient prototyping to test new markets.

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1 Customer's software package management system

data

2 Data are sent to the PC or composed by it

3 PC translates data in colour plans

4 Electronic board convert them in electrical pulses

5 Pictures are printed on the fly, in full colours, on various substrates

Inks

Ink chamber

Piezo

Nozzle

Ink droplet

SUBSTRAT

FROM ORIGIN TO INFINITY

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OUR 3 MARKETS

SERVICES AND LABORATORY EQUIPMENT

HIGH DEFINITION DECORATION / DELAYED PERSONALISATION

CODING / MARKING OF PRIMARY AND SECONDARY PACKAGING

PEOPLE AND TOOLS DEDICATED TO INNOVATION

MULTI-DISCIPLINARY RESOURCES

- A team of Engineers experienced in digital inkjet technology
- A team of project Engineers

- A laboratory dedicated to sampling and innovative applications
- Tools for fundamental research
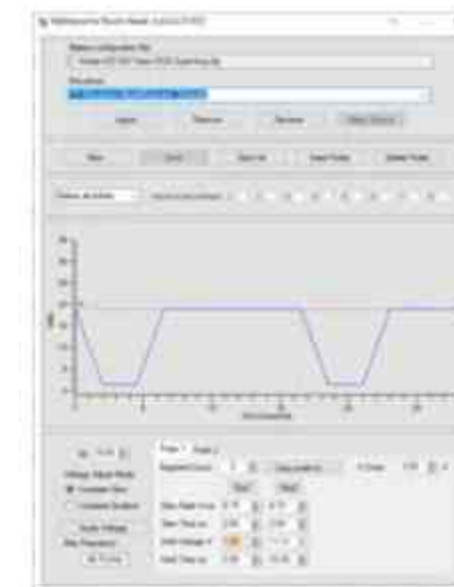
THE ORIGIN RANGE : DOD PRINTERS FOR LABORATORY USE

All types of printheads

All types of fluids

Free parameter combinations

DISCOVER THE RANGE

THE INFINITYA1000 RANGE: INDUSTRIAL PRINTERS FOR HIGH DEFINITION DECORATION AND DELAYED PERSONALISATION

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All types of formed materials

At high speed

Infinity Ardeje

According to the specific constraints of your project

DISCOVER THE RANGE

THE INFINITY A500 RANGE :
DIGITAL PRINTERS FOR CODING - MARKING
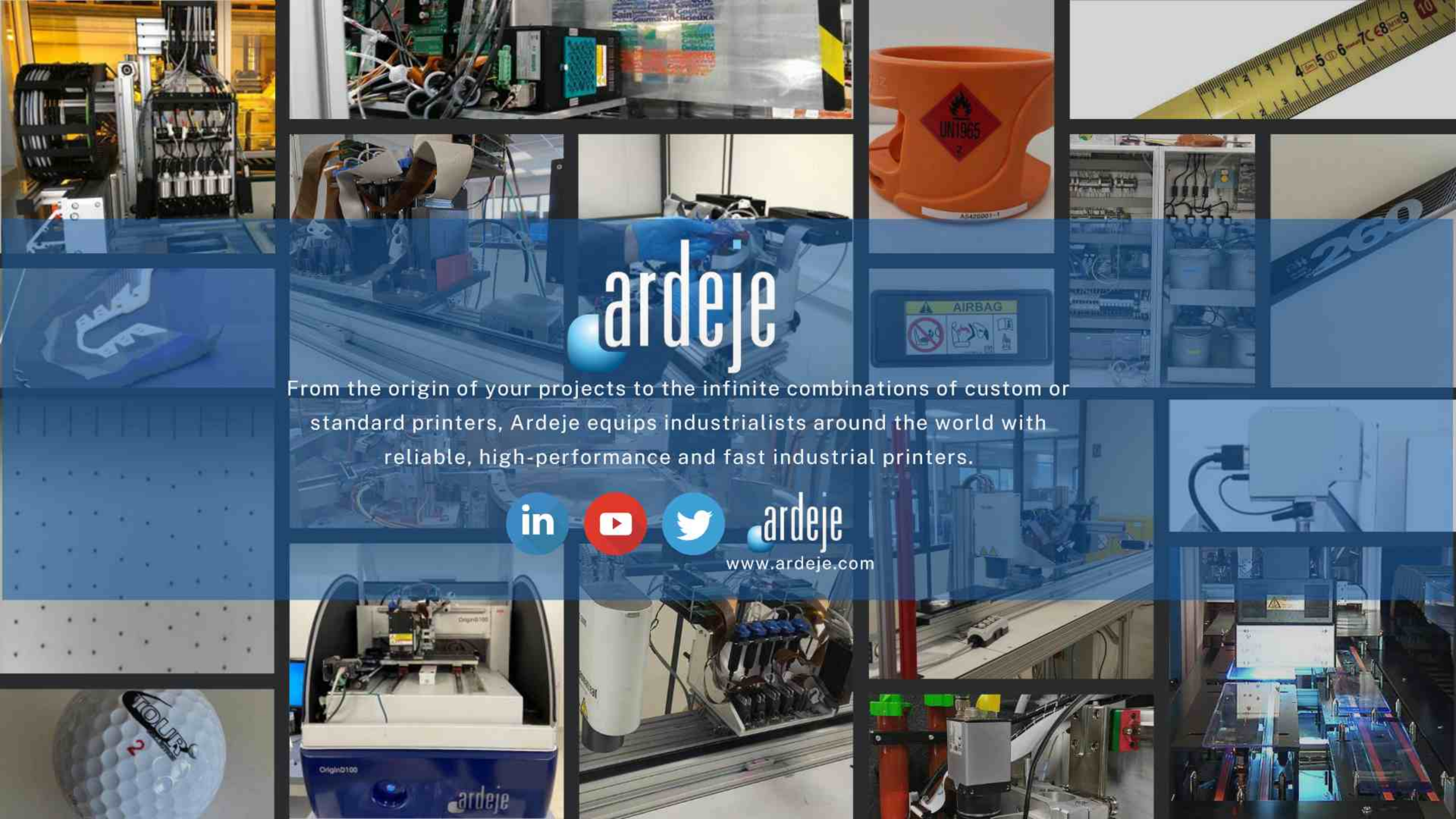
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Two-color process, standard inks

Primary and secondary packaging

All types of digital data

DISCOVER THE RANGE

From the origin of your projects to the infinite combinations of custom or standard printers, Ardeje equips industrialists around the world with reliable, high-performance and fast industrial printers.

www.ardeje.com