CLOCKWORK

3D printers

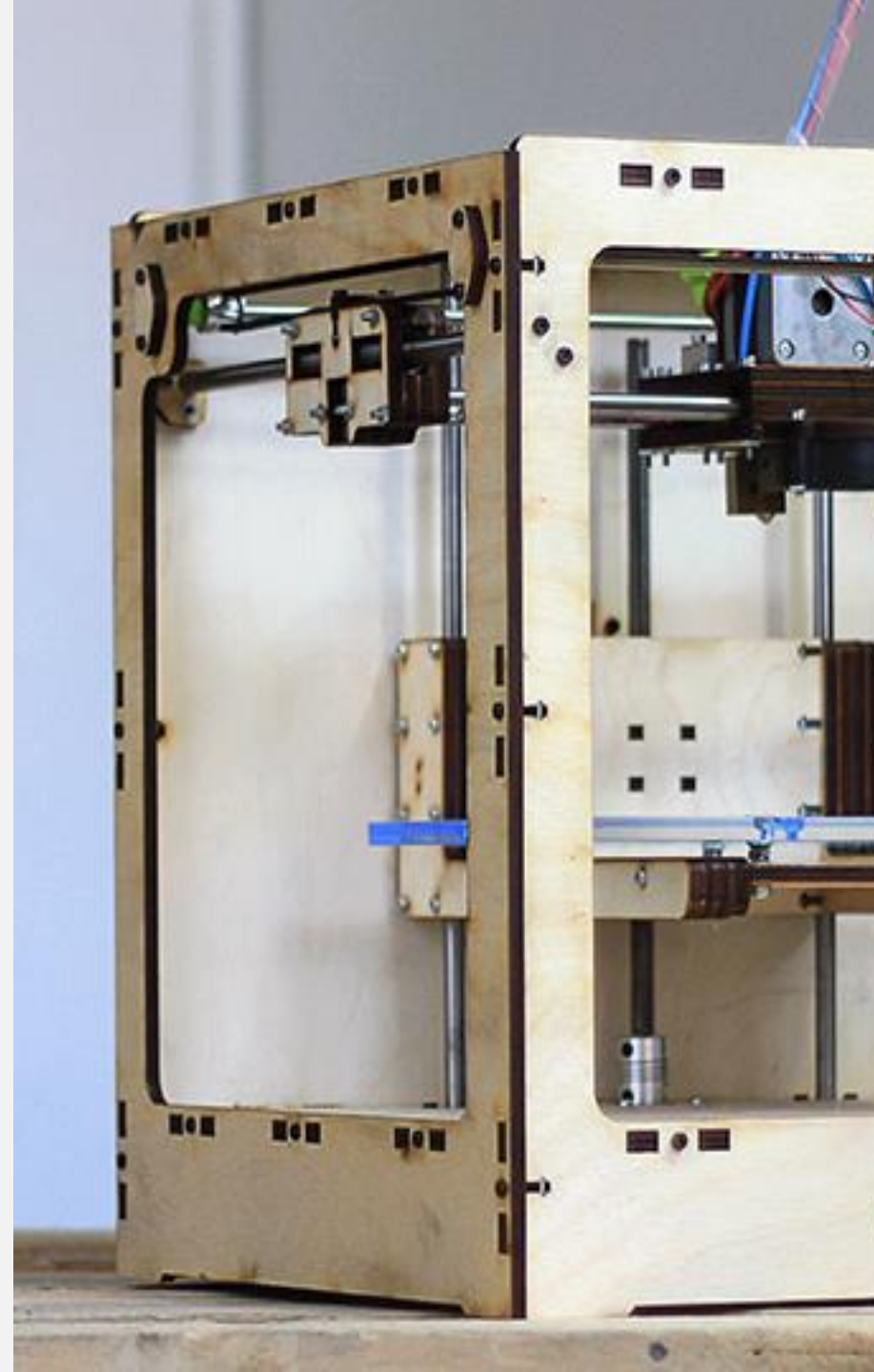Piotr Lipert

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Clockwork
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PROBLEM

3D printers are incredible machines. Star Trek technology at our doorstep! Unfortunately things are not *that* simple yet.

- These devices are currently **very** difficult to use.

- There are no software standards. There is no leading model database.

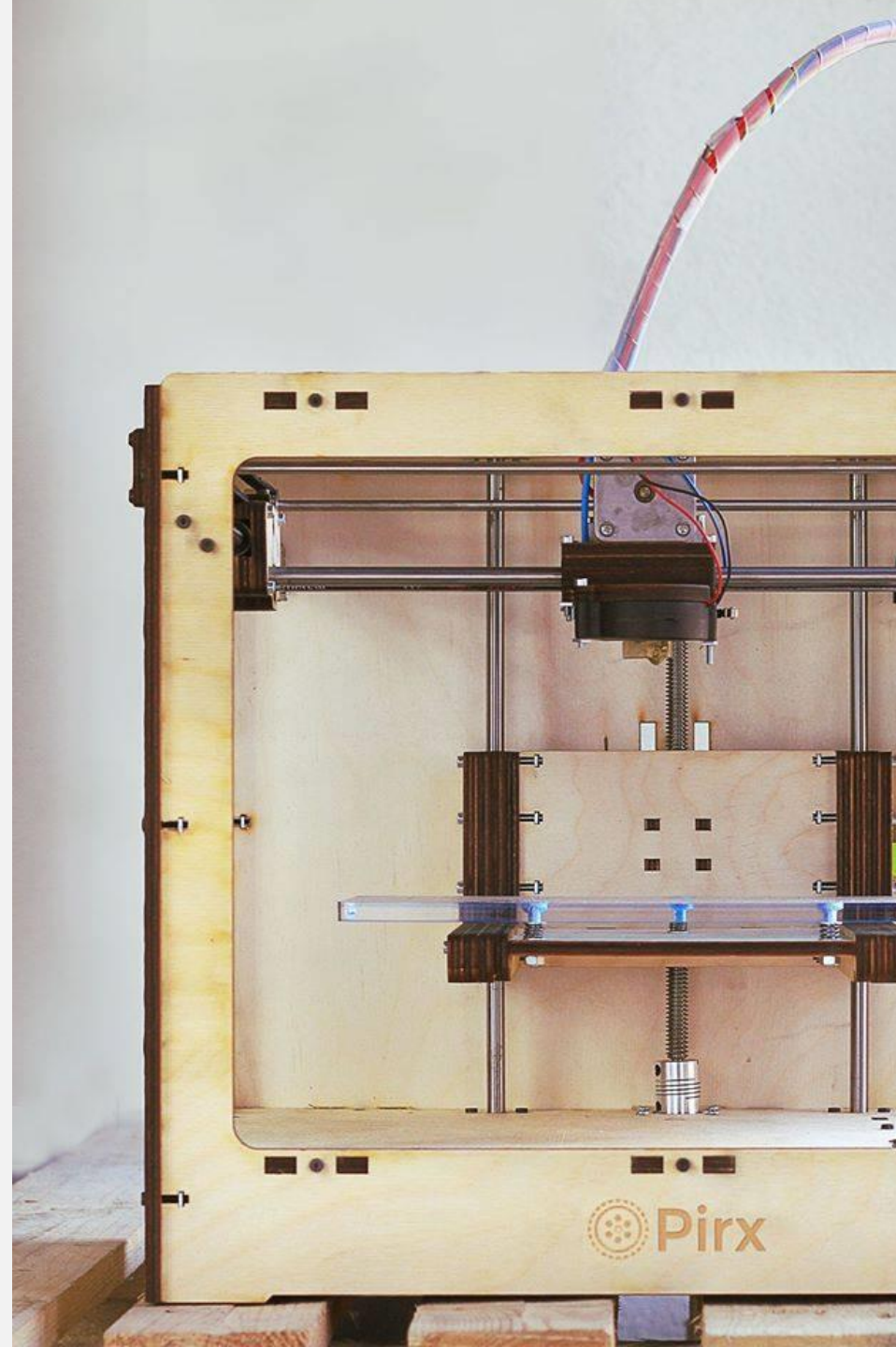- There is no **ecosystem** built around a specific hardware solution.

No one wants to spend time calibrating the device for each individual model, and that's how things look right now.

There are **a lot of people** who would like to use this technology, but have no idea how to design 3D models themselves or even have no clue how could they benefit from 3D printing.

THE SOLUTION

Affordable, accessible, high quality printer integrated with a design marketplace.

PRODUCT

We have already **designed** and **built** a high quality, easy to use 3D printer.

We have already tested and sold it.
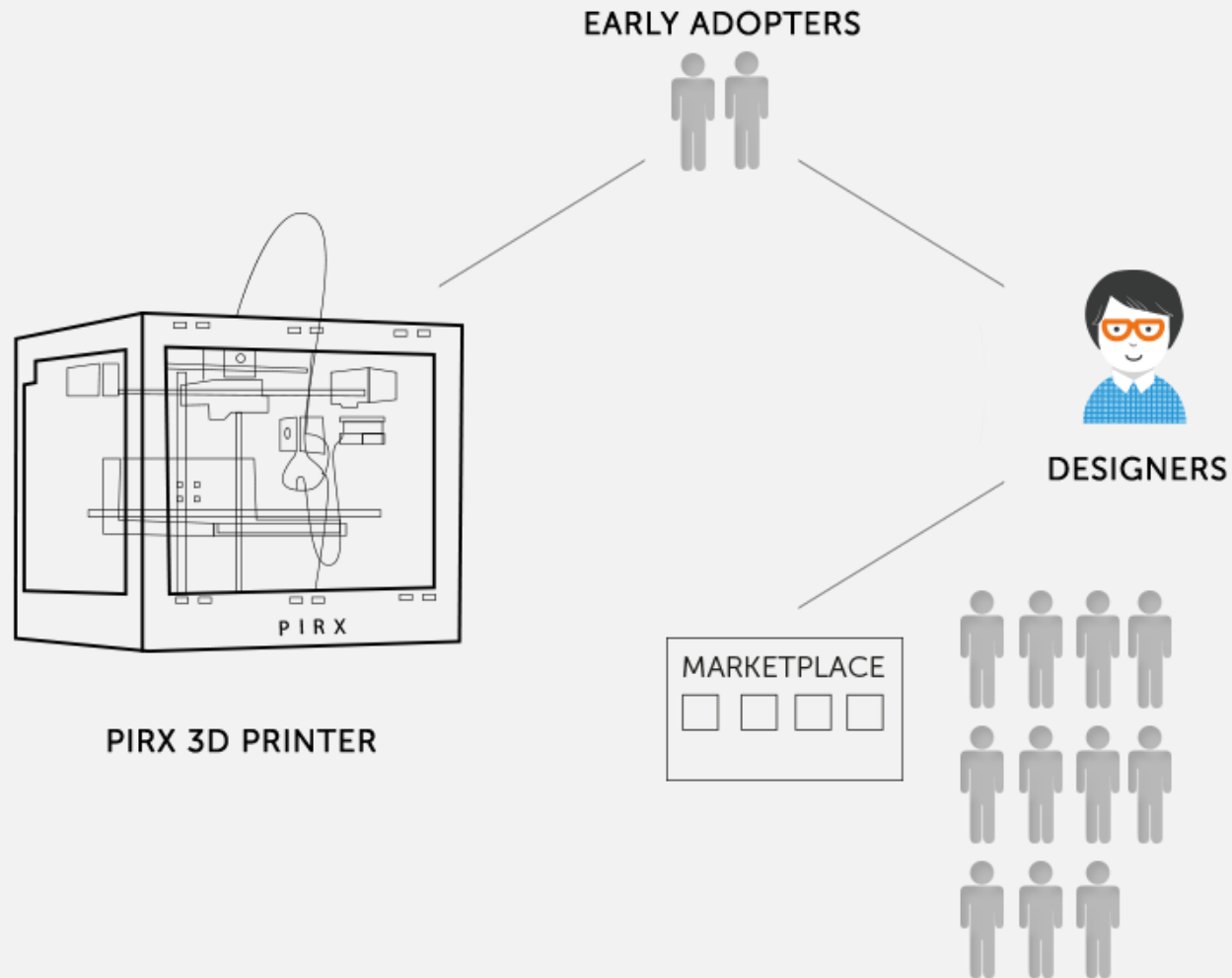But we want more. We want to see our printer in every household.

Additionally we plan to create a virtual marketplace built specifically for our device.
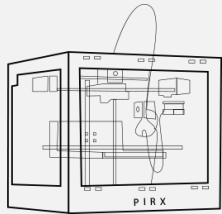Think appstore for digital designs.

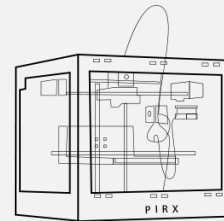Dedicated software is crucial – printing enabled directly from our webpage. Nice, easy and for everyone.

PIRX

MARKETPLACE

VISION

EARLY ADOPTERS

DESIGNERS

MARKETPLACE

PIRX 3D PRINTER

CUSTOMER SEGMENTS

B2C

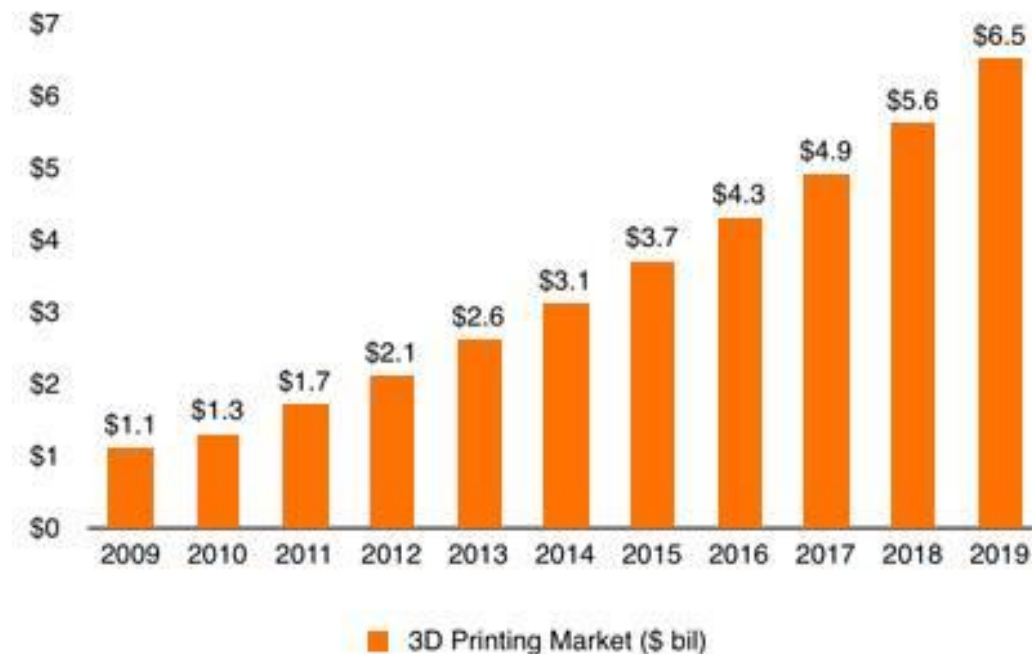Tech savvy early adopters, hobbyist constructors, design students

B2B

Architectural, internal design and fashion studios, robotics and electronics companies, toys/ board games manufacturers, schools, universities
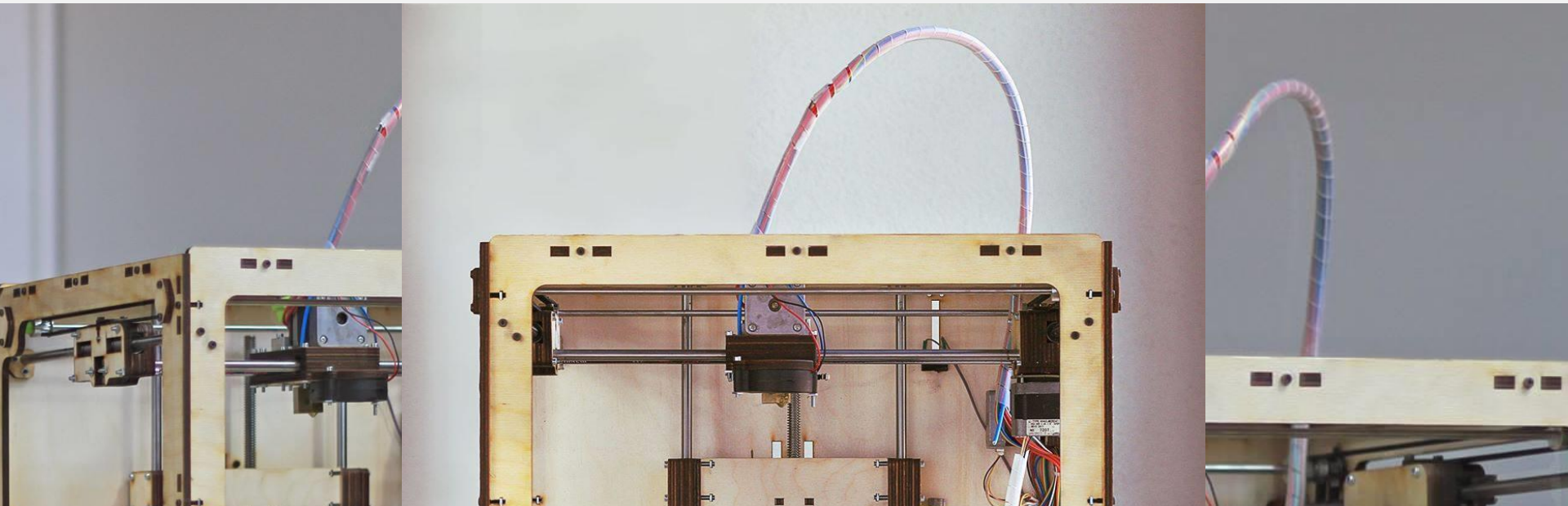
MARKET SIZE

There has been tremendous growth in the field of 3D printing surpassing $1B in revenues during 2012 and with considerable growth, which is expected to continue across all target markets to 2025. There has been a rapid rise in sales and some printer manufacturers are not able to meet demand as the awareness of the technology and its awareness grows.

Bar chart of 3D Printing Market ($ bil) by year:
- 2009: $1.1
- 2010: $1.3
- 2011: $1.7
- 2012: $2.1
- 2013: $2.6
- 2014: $3.1
- 2015: $3.7
- 2016: $4.3
- 2017: $4.9
- 2018: $5.6
- 2019: $6.5

3D Printing Market ($ bil)

FUTURE OPPORTUNITIES

There are a lot of great and unique features that we have in mind for Pirx. Wifi, print queue, modular head design - we are even thinking of a new SLS printing approach where a singular layer is printed all at once.

Apart from adding features and optimizing our product we want to expand the ecosystem surrounding our solution - building devices like filament production machines, 3D scanners or even other affordable CNC tools.

COMPETITORS

PRICE

Ultimaker

MakerBot

zortraX

OMNi3D

Quality and ease of use

PIRX 3D PRINTER

THE TEAM

Building a device such as a 3D printer requires a talented multidisciplinary team. Let's just say it took us three months to construct the Pirx - catch up with the best companies in the field. We succeeded without any sources of external financing, often having to build necessary tools ourselves.

Piotr Lipert

CEO// Software Engineer

Krzysztof Stanik

CTO// Theoretical Physicist

Jan Fuerst

Automation Engineer

Łukasz Jakubowski

Mechanical Engineer