

Data-Driven Invention

Invent with unprecedented speed, disruption and efficiency



Fast

Senses small inventive signals amongst the noise of global advances - in real-time



Efficient

Data and algorithms make innovation systematic, reliable and predictable



Disruptive

Connects cross-domain/ecosystem advances to enable next generation products



Additive

Complements and adds to the invention output of your existing R&D organisation

Invention today

Inventions define the products and services we use every day. Yet despite the value attributed to them, the way in which inventions are created is primarily a human process which has remained largely unchanged throughout history. In most cases individuals invent by making chance connections between disparate pieces of information. But with today's exponential growth in information it is becoming increasingly clear that this approach is neither robust nor dependable enough for market and technology leaders.

Invention reinvented

Many other sectors, from advertising to semiconductor design, have been transformed by the use of machines, data and algorithms. Iprova has created novel technology which brings the same digitally-enabled transformation to the field of technical invention. Through delivering thousands of inventions Iprova has developed a suite of powerful software tools to separate inventive signals from the massive noise of everyday social, market and technological advances. This enables Iprova to provide the right inventive information at the right time to inventors. By achieving this Iprova tools deliver a powerful information advantage which enables our customers to out-invent their peers — and be first to create foundational inventions in their field.



Panasonic

SONY

NOKIA



PHILIPS



Example invention

Smart contact lens

Iprova delivered an invention that enables control of a smart contact lens via a phone or tablet. The mobile device estimates the distance from the device to the user's eye. The focal length of the lens can then be continuously adjusted by using data from the mobile device to automatically switch between near and far vision.

This invention improves on smart contact lenses for nearsightedness, as the user's device is able to take the place of expensive and complex computing components that otherwise would need to be integrated into the lens – making for cheaper products and much-improved user convenience.

See granted US patent: US10416478 (B2) for further details.

↳ See more examples of inventions delivered by Iprova, in industries from telecoms, to medical devices, to consumer goods at <https://www.iprova.com/our-work/>

60+

application areas covered
by our inventions

2.5K+

inventions created using
our technology

10

out of 10 of the world's largest
technology companies* reference
granted patents based on our
inventions

*Forbes, 2019

Contact us

Get in touch to learn more how Iprova could transform the creation of inventions in your organisation.

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