










**Deloitte Technology**  
**Fast 50 Central Europe 2019**  
Powerful Connections

# Welcome to the Deloitte Technology Fast 50 Central Europe 2019

The Deloitte Technology Fast 50 in Central Europe is a programme that recognises and profiles fast growing technology companies in the region. The programme, which is now in its 20th year, ranks the 50 fastest growing public or private technology companies.

The Technology Fast 50 award winners for 2019 are determined based on the revenue growth over four years (2015 to 2018). Companies must have base-year operating revenues of €50,000 in 2015, 2016, 2017 and a current year operating revenue (2018) of at least €100,000. Exchange rates are based on the annual average given by the central bank of the company's respective national currency.

## Companies active in the following industry sectors are eligible:

-  Communications;
-  Environmental Technology;
-  Fintech;
-  Hardware;
-  Healthcare and Life sciences;
-  Media and Entertainment;
-  Software.

Technology companies are invited to self-nominate for the programme via our website. Financial data of the companies are provided by the entrants themselves and is gathered via our online survey tool. This information is then cross-checked using each company's financial statements which have been verified by their accountants or a registered auditor.

The Deloitte Technology Fast 50 in Central Europe is part of Deloitte's global Fast 500 programme. For further information regarding the Deloitte Technology Fast 50 in Central Europe, please visit our website: [www.deloitte.com/cefast50](http://www.deloitte.com/cefast50).

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# Thoughts from the Programme Leader

Every year, one of the most exciting aspects of running the Deloitte Technology Fast 50 in Central Europe is the privileged insight it provides into the brilliant, fast-growing young companies that are set to be the household names of the future.

This year, it has been particularly pleasing to see that almost three-quarters (74%) of the companies in the ranking are in it for the first time, once again emphasising the enormous speed at which the businesses with the best ideas and most powerful breakthrough solutions can evolve.

It is also interesting to consider where the companies come from, in terms of industry and geography. With 31 software entries, representing 62% of the ranking, a majority of the region's most dynamic young minds clearly believe that the world is set to continue running on software. And with 19 entries from the Czech Republic and 11 from Poland, at least two regional powerhouses are on the rise.

But there should be no concerns about Central Europe becoming an imbalanced region. The top 10 in the Fast 50 includes companies from Slovakia (two of them), Croatia, Hungary and Estonia. The outright winner – Voltas IT – comes from Lithuania, delivering a year-on-year growth rate of 5,734%.

Following the launch last year of the Social Impact Award, marking out those companies that have done most to help achieve at least one of the United Nations' Sustainable

Development Goals (SDGs), I'm delighted to announce Warsaw Genomics as this year's winner. Also one of the Rising Stars – those fast-growing young businesses that have not yet attained the size necessary for inclusion in the main Fast 50 ranking – this genetic testing company's technology makes it financially viable to screen entire populations for cancer risk. I'd also like to congratulate Czech company ERC-TECH, which receives an honourable mention for its revolutionary concrete-recycling solutions.

This is also the fourth year of our special 'Most Disruptive Innovation' (MDI) award for the company with the greatest potential to revolutionise its markets, industries and business sectors. This year's winner, Rimac Automobili from Croatia, has not only created the world's first true electric supercar. It is also established as an electrification partner for manufacturers like Porsche, Aston Martin, Hyundai, Renault and Koenigsegg. 'Disruptive' defines what it does.

Not everyone can head the ranking or win the awards. But, as ever, every company featuring in the Fast 50 is a winner. Our heartfelt congratulations go to everybody involved.



**Agnieszka Zielińska**

Partner, Financial Advisory Services  
Fast 50 Programme Leader  
Deloitte Central Europe



This year, it has been particularly pleasing to see that almost three-quarters of the companies in the ranking are in it for the first time, once again emphasising the enormous speed at which the businesses with the best ideas and most powerful breakthrough solutions can evolve.

# Insights from the Clients & Industries Leader

Every year, I ask myself what it must take to be one of the exceptional businesses ranked in the Deloitte Technology Fast 50 for Central Europe.

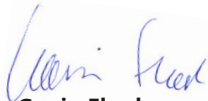
Energy and commitment, certainly. Great leadership, with the ability to inspire others. Vision. Technical understanding. An eye for a market opportunity. Entrepreneurial flair and a talent for sales. And a capacity for team building, with a positive culture and ambition to succeed.

If those qualities are what every entrant has, what about those companies that head the ranking and win the awards? Companies like Lithuania's Voltas IT, the 'fastest' of the Fast 50 with its professional-standard automotive diagnostics solutions that every driver can use. Or FF Trader, the Czech Fintech business that wins this year's Rising Stars category thanks to its unique educational platform for financial traders.

Then there is the extraordinary Prusa Research, which wins this year's Big 5 Award for those companies too mature to maintain the growth rates needed to make the Fast 50 itself. That said, the company has bucked this particular trend. Not only is it second in the overall Fast 50 ranking, it also features in the top three for the third year in a row.

I would also like to congratulate Warsaw Genomics and Rimac Automobili, the winners of this year's Social Impact and Most Disruptive Innovation awards. They, and so many of the runners up in both schemes and the companies in the Fast 50 ranking, are doing an enormous amount to shape the way we will all be living in the future.

Every year I think that we have seen the peak of innovation and imagination, and that next year's Fast 50 will fail to live up to expectations. Every year I am wrong. Every year, the Fast 50 continues to deliver a bubbling cauldron of creativity and breakthrough ideas. 2019 has certainly done so, and I hope you find something to inspire you in this report.



**Gavin Flook**

Partner, Clients & Industries Leader  
Deloitte Central Europe



Every year, I ask myself what it must take to be one of the exceptional businesses ranked in the Deloitte Technology Fast 50 for Central Europe. Energy and commitment, certainly. Great leadership, with the ability to inspire others. Vision. Technical understanding. An eye for a market opportunity. Entrepreneurial flair and a talent for sales. And a capacity for team building, with a positive culture and ambition to succeed.

# 2019 Technology Fast 50 ranking

## Criteria for 2019 Technology Fast 50

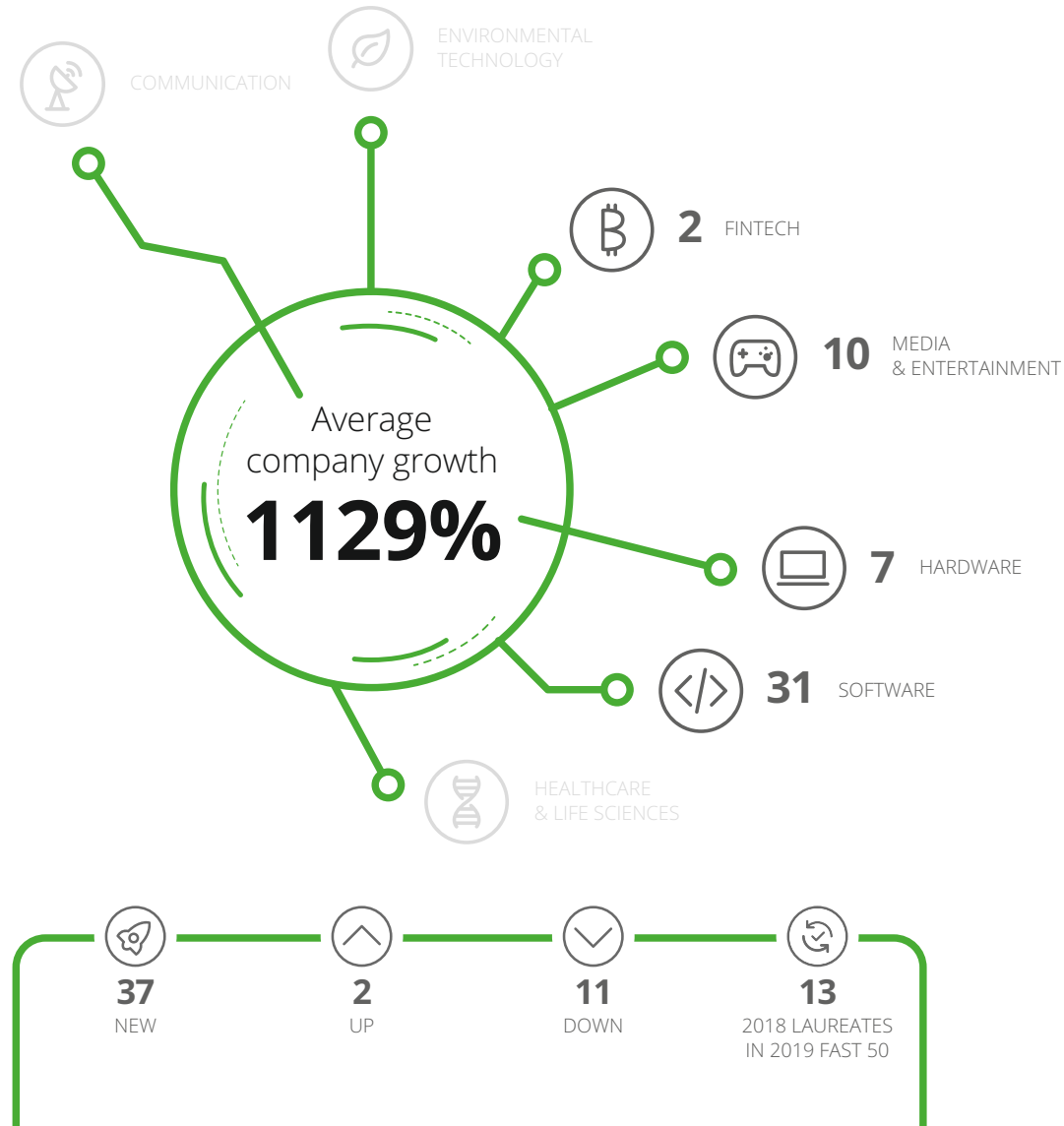
Companies must meet a number of criteria to be considered eligible for the main CE Fast 50 ranking:

- Have base-year operating revenues of at least €50,000 in 2015, 2016, 2017 and a current year operating revenue (2018) of at least €100,000.
- Own proprietary intellectual property or proprietary technology, sold to customers in products that contribute to a majority of the company's operating revenues.
- Have an ownership structure that excludes majority-owned subsidiaries of strategic entities.
- Headquarters in a Central European country (Albania, Bulgaria, Bosnia & Herzegovina, Croatia, the Czech Republic, Estonia, Hungary, Kosovo, Latvia, Lithuania, Macedonia, Moldova, Montenegro, Poland, Romania, Serbia, Slovakia or Slovenia).

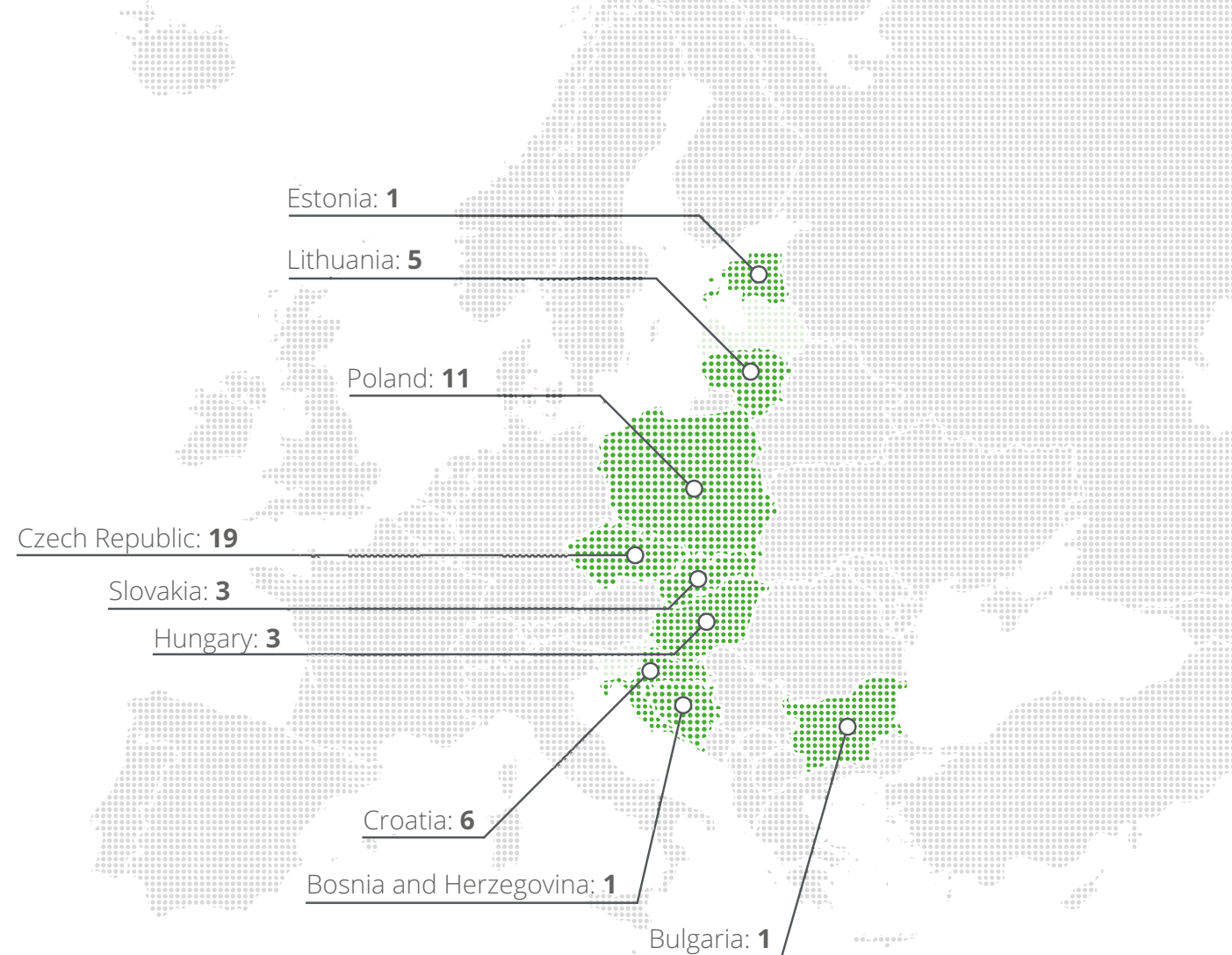
Winners are then selected by ranking their revenue growth over the four years from 2015 to 2018.

# Fast 50 category overview

Companies broken down by industry segments:



Companies broken down by countries:



# Voltas IT: DIY diagnostics company tops the Fast 50

# VOLTAS IT

**The solutions used by professional garages to diagnose problems with automotive systems are complicated and expensive.**

So, when two experienced automotive electronics engineers and a software developer joined forces back in 2014 to create a new solution with which vehicle owners could carry out a professional standard of diagnostics using just a smartphone, there was clearly great potential in the idea.

So much potential, in fact, that today the company they formed – Voltas IT from Lithuania – is officially the fastest-growing technology company in Central Europe.

Having worked for many years in an authorised automotive service centre, the founding team had deep insight into the everyday needs of drivers and the value that such a solution would bring to their everyday lives.

Their first product launch, a small, fast and wireless diagnostic system called OBDeleven, took place the year after the company was formed. At the time, professional solutions were all very big and expensive. By way of contrast, OBDeleven was capable of continuous upgrade, activating new features with just a single click.

The concept is proving enormously successful, with more than a million downloads of the app. Today, there are around 500,000 registered users of OBDeleven, accounting for around 800,000 vehicles. Around 20,000 people use the system every day, between them carrying out more than 130,000 programming and diagnostic processes. More important than any of these figures, though, is the fact that around 1,000 new users are connecting to the system every day.

So it's not surprising that Voltas has grown over the last year by 5,734% – placing it firmly on the top step of the 2019 Fast 50 ranking. The company has plans in place to continue growing fast into the future too. They have become official partners with Volkswagen AG. It gave them access to data necessary to support the latest models from the Volkswagen Group. The company is also negotiating with other major automakers such as BMW, Mercedes, Ford and Toyota to be able to provide services for more customers in the world.

In addition, it is working hard to develop a full vehicle-assistance 'ecosystem' for its fast-growing customer base, with the aim of developing a fully integrated approach to meeting every driver need. The concept covers a wide range of services, from aftermarket support and insurance to sourcing original parts and even a fuel system network.

And work on improving the core OBDeleven offering never ceases, with the ultimate aim of using Artificial Intelligence to help it solve problems faster and more effectively than ever.

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Only faith in your product can make others believe it, only a team that believes in it can create a product that our customers believe in and only a faithful and confident customer is a guarantee of fast and successful growth! Our mission is to develop innovative automotive technologies and reveal ultimate possibilities of the vehicle. We believe that participating in Fast 50 will help us become an even more known and trusted company.

**Edvardas Astrauskas, CEO, Voltas IT**

Don't waste your time chasing investors; run your business in a way that makes investors chase you instead.

**Ivan Trančík, CEO, SuperScale s. r. o.**

1

Voltas IT



SOFTWARE



5 734%

VOLTAS IT

- Lithuania
- Edvardas Astrauskas
- [obdeleven.com](http://obdeleven.com)
- Founded: 2014
- Last Year's Rank: New

Voltas IT was founded in 2014 when two experienced automotive electronics engineers and a talented software developer decided to solve the complexity and high cost of car diagnostics. Main goal of Voltas IT was to create innovative, intelligent and easy-to-understand automotive solutions for daily drivers with a mission to improve their daily routines. Many years of experience working at an authorized service center helped to understand the principles of diagnostic system and driver 's needs. That is why it was decided to develop automotive software that can perform professional level vehicle diagnostics using only a smartphone. OBDleven – our first affordable and intelligent diagnostic solution for understanding and customizing the vehicle. We have developed a fast, small and wireless diagnostic system for full car diagnostics, monitoring and activating new features in just one click. So that everyone could take care of their car without the need of complex tools. To be on the top we became an official Volkswagen AG partner, receiving permission to access and use the latest car data allowing to support the newest models of Volkswagen group vehicles.

2

Prusa Research s.r.o.



HARDWARE



4 527%

**PRUSA**  
**RESEARCH**  
 by JOSEF PRUSA

- Czech Republic
- Josef Průša
- [prusa3d.com](http://prusa3d.com)
- Founded: 2012
- Last Year's Rank: 1

This Czech 3D-printing company was founded by Josef Průša in 2009 as a one-man start-up. Within a few years, and without any external investments, it has evolved into one of the most innovative and fast-growing companies in the 3D industry. Today the company produces its own filaments and prints the parts for other printers. It has also founded PrusaLab – a marketplace and open workshop for all those interested in 3D printing and is a current world record holder for the Most 3D printers operating simultaneously.

3

BLINDSPOT



SOFTWARE



4 445%

BLINDSPOT.AI

- Czech Republic
- Štěpán Kopřiva
- [blindspot.ai](http://blindspot.ai)
- Founded: 2014
- Last Year's Rank: New

Blindspot Solutions is a Prague-based AI Boutique founded in 2014 by the renowned professor of AI Michal Pěchouček and his PhD candidates Ondřej Vaněk and Štěpán Kopřiva. In the last 5 years the company has grown to a 50+ employees and become a leader in applying AI to real world problems. We have successfully delivered over 30 AI-powered solutions across verticals, ranging from manufacturing and pharmaceuticals to fintech or retail. Our team exploits bleeding edge research to deliver production-ready solutions in order to address use-cases such as planning complex manufacturing processes, letting AI route vehicles around the city, fraud detection in financial transactions or telco, queue monitoring in waiting areas or detecting cyber attacks.

4

itrinity, s.r.o.



SOFTWARE



3 066%

**itrinity**

- Slovakia
- Peter Hrbáčik
- [www.itrinity.com](http://www.itrinity.com)
- Founded: 2009
- Last Year's Rank: New

Founder and CEO Peter Hrbáčik launched the first version of the KWFinder tool in 2014. Originally designed for personal use, this has quickly become one of the world's most popular keyword-analysis tools. There are now five online tools for SEO marketers in the company's line-up of SaaS applications, all integrated under the flagship mangools.com brand. The team consists of twelve colleagues with the mission of making SEO available to everyone, from beginners to professionals. A great user experience, innovative design, data quality and customer support are the company's top priorities. Mangools has more than 550,000 users across the world, including AirBnb, Adidas and Deloitte.

5

BAZZAR.HR



MEDIA AND ENTERTAINMENT



2 821%

**bazzar.hr**

- Croatia
- Tana Zimmermann
- [bazzar.hr](http://bazzar.hr)
- Founded: 2013
- Last Year's Rank: New

Prati me d.o.o. was founded in 2013 to disrupt the e-commerce industry in Croatia with the launch of Bazzar.hr – an innovative, tailor-made and consumer-friendly online shopping platform with a focus on delivering safe and positive customer experiences. Today, Bazzar is the fastest growing online marketplace in Croatia due to its strong relationship with many of the world's largest corporations and brand owners. These recognise Bazzar as more than just a web shop that links customers directly with their favourite brands. It's also a platform where brands can be closely involved in customers' online shopping experiences without the expense and complexity of running a single-brand online store.

6

DYNTELL Magyarország Kft.



SOFTWARE



2 537%

- Hungary
- Péter Salga
- [dyntell.com](http://dyntell.com)
- Founded: 2011
- Last Year's Rank: New

Dyntell is a trusted partner for companies aiming to grow with the support of IT and economic data. Its ERP and BI systems are at the high end of business software technology – solutions that create value by helping the company's hundreds of clients achieve their objectives. The Dyntell ERP system can support the management, manufacturing, financial and accounting procedures of any industry sector. It is designed with changeable settings and different forms of development to adapt to differing individual needs. Dyntell Bi ([www.dyntellbi.com](http://www.dyntellbi.com)), meanwhile, has several unique abilities, including self-service predictive analytics, automated control and collaboration, planning capabilities, streamlined and advanced data processing, a fully customisable BI experience, a user-friendly pivot table, simplified data preparation, self-service data visualisation and discovery and drag-and-drop dashboards.

7

SuperScale s. r. o.



MEDIA AND ENTERTAINMENT



1 933%



- Slovakia
- Ivan Trančík
- [www.superscale.com](http://www.superscale.com)
- Founded: 2013
- Last Year's Rank: New

SuperScale significantly increases the revenue from mobile games by better segmenting, targeting and pricing the virtual goods that feature in them. The company's technology is capable of growing the whole mobile gaming market (\$100 billion+) by 30% through enabling better understanding of players' needs and their payment potential. Because no other business has this capability, all the biggest companies in the gaming segment are in active contact with SuperScale. The company's business model is based on uplift, making it highly scalable and capable of generating profit margins in excess of 90%.

8

Cleveron AS



HARDWARE



1 799%



- Estonia
- Arno Kütt
- [www.cleveron.com](http://www.cleveron.com)
- Founded: 2007
- Last Year's Rank: New

Founded in 2007, Cleveron focuses on the development of software and hardware for automated click-and-collect parcel solutions. Today, it provides retailers across the world with robotics-based solutions and the product upgrades are based on close client involvement and feedback. Cleveron's motto is that they create the future – Cleveron does not provide the client with the products and solutions they ask for, but rather to develop something they don't even know they need yet. 10% of operating revenues are devoted to R&D, ensuring the company will be ready with new and innovative solutions when clients are ready for them. Cleveron's product portfolio includes smart lockers, automated parcel lockers and parcel robots. As well as mass-produced products, Cleveron is developing a self-driving robot courier and a delivery drone and is running an ongoing pilot project in Estonia for personal parcel lockers.

9

Sewio Networks s.r.o.



HARDWARE



1 285%



- Czech Republic
- Milan Šimek
- [www.sewio.net](http://www.sewio.net)
- Founded: 2014
- Last Year's Rank: New

Sewio Networks is the manufacturer of a real-time location system (RTLS) for indoor positioning that drives business results for companies in the intralogistics, retail, sport, entertainment and livestock industries. The Sewio system is built on ultra-wide band technology (UWB) and delivered with the RTLS Studio remote management and visualisation software. It gives partners and customers a precise, easy-to-integrate, reliable and fully scalable IoT solution for indoor tracking that allows process visibility, boosts production efficiency, simplifies the inventory process and increases safety. Sewio customers include Volkswagen, Budvar, Pirelli, Matador, TPCA and Škoda.

Done is better than perfect.

**Peter Hrbáček, Founder and CEO, itrinity, s.r.o.**

Although some questioned the success of our business model relying only on internal funding, we managed to evolve into one of the most innovative and fastest growing companies in Croatia in just a few years. Our tailor-made, simple and safe e-commerce platform together with support from Worlds' leading brands changed the buying habits of more than 180.000 people in Croatia. This confirmed that we are on the right path to success. We are only sorry that the day only has 24 hours, as we have so many ideas and plans.

**Tana Zimmermann, CEO and co-founder, BAZZAR.HR**

10

Applifting



SOFTWARE



1 265%

Applifting

- Czech Republic
- Vratislav Kalenda jr.
- [www.applifting.cz](http://www.applifting.cz)
- Founded: 2014
- Last Year's Rank: New

Applifting has developed a revolutionary framework for transforming monolithic applications into a microservice architecture. This framework makes it easy for large enterprises to transition to the world of distributed & resilient information systems. The framework consists of three parts: Methodology, Software libraries and GraphQL gateway. In cooperation with our clients we have developed a set of Javascript libraries that allows rapid microservice development in Node.js. This framework combined with hybrid team deployment, allows us to seamlessly transfer know-how, practices and in part even our culture to teams of developers on the clients' side, present an added value for our customers.

11

CGTrader, UAB



MEDIA AND ENTERTAINMENT



1 256%

cgtrader

- Lithuania
- Dalia Lasaite-Kamantauske
- [www.cgtrader.com](http://www.cgtrader.com)
- Founded: 2012
- Last Year's Rank: New

CGTrader is the world's largest source for licensable stock and custom 3D content. The self-service CGTrader Marketplace showcases more than 870,000 3D models and includes a managed community of more than 2 million users, including highly-skilled 3D designers. A wide range of industries, including retail, gaming, advertising, animation, 3D printing and architecture, leverage 3D content from CGTrader Marketplace to reduce design costs, scale and accelerate time-to-market. CGTrader Enterprise 3D Modeling allows enterprise customers and online retailers to transform their 2D product images into photorealistic 3D models for Augmented Reality and other 3D customer experiences, eliminating costly photo-shoots while creating immersive customer experiences.

12

rohlik.cz



SOFTWARE



1 166%

rohlik  
.CZ 

- Czech Republic
- Tomáš Čupr
- [www.rohlik.cz](http://www.rohlik.cz)
- Founded: 2014
- Last Year's Rank: New

Rohlik.cz is a Czech online grocery store founded in 2014. It is the largest player in online food distribution in the Czech Republic. Unique proposition of this store is two hour same day delivery and massive complexity of this task is handled by in-house developed systems and last-mile logistics. Rohlik.cz currently operates in eight Czech cities and will open for business in Budapest, Hungary at the end of this year as kifli.hu.

13

3Dwiser s.r.o.



HARDWARE



1 133%

- Czech Republic
- Tomáš Soóky
- [www.3dwiser.com](http://www.3dwiser.com)
- Founded: 2014
- Last Year's Rank: New

3Dwiser s.r.o. with 100% Czech ownership structure was established in 2014 with the aim to offer professional services to demanding customers companies in the dynamically developing 3D printing market. Our clients include a wide range of companies - from designers through schools to car manufacturers and manufacturing plants. The internal corporate team consists of fifteen employees. The main Prague headquarters and our 3D Printing Center of Excellence are complemented by a smaller branch for Moravian and Silesian customers in Olomouc. Thanks to our partners' network, we offer services and products not only throughout the Czech Republic, but also abroad - especially in Slovakia and Hungary.

14

Semantive Sp. z o.o.



SOFTWARE



1 027%

- Poland
- Maciej Migacz
- [semantive.com](http://semantive.com)
- Founded: 2012
- Last Year's Rank: New

Semantive is a raising digital transformation technology partner specialising in big data and machine learning. The company provides a set of services: AI use case ideation, data readiness assessment, pilot projects which are stepping stones to understand and identify opportunities within key value areas of its customers that deliver business-critical value and enable further growth towards data-informed organisation. It also owns innovative proprietary video analysis technology, including anomaly detection and object tracking. Semantive is built on solid foundation in software engineering, lean and agile principles. The company has solved challenges for Fortune 100 companies and start-ups alike in the retail, manufacturing, healthcare and oil & gas sectors, streamlining the journey from insight to revenue.

15

Kiwi.com



SOFTWARE



950%

- Czech Republic
- Oliver Dlouhý
- [www.kiwi.com](http://www.kiwi.com)
- Founded: 2012
- Last Year's Rank: 2

Kiwi.com was created for travelers by travelers. Powered by Virtual Interlining, it allows users to combine routes from more than 750 carriers, including many that do not cooperate. Competitively priced, these are covered by a Guarantee, which covers flight delays, schedule changes, and cancellations. Kiwi.com offers the most comprehensive content now also including ground transport soon to add taxis and ride-hailing into its search.

16

Q Ltd



SOFTWARE



927%



- 📍 Croatia
- 👤 Filip Ljubić
- 🌐 [www.q-software.com](http://www.q-software.com)
- 💡 Founded: 2013
- ➔ Last Year's Rank: 3

Q is a digital solutions provider that develops truly custom-made solutions for clients like BBC, The Times, Vodafone, Hilti, Novartis, Lufthansa, Vaillant and others. Every solution comprises its own unique intellectual property – the company does not use third-party software or proprietary technology to develop its solutions, and nor does it resell third-party solutions and applications. All concepts, designs, techniques, technical documentation, artwork and other data are developed by Q engineers and designers. In this way, Q creates exceptional, cutting-edge digital solutions for clients in 20 territories worldwide, from Alaska to Dubai. Its unique methodology integrates creativity, strategy and technology in every project, while the expertise and experience of its people can provide answers to even the toughest challenges.

17

Polski Standard Płatności Sp. z o.o.



FINTECH



870%



- 📍 Poland
- 👤 Dariusz Mazurkiewicz
- 🌐 [polskistandardplatnosci.pl](http://polskistandardplatnosci.pl)
- 💡 Founded: 2013
- ➔ Last Year's Rank: New

Built on a partnership of Poland's six largest banks, the BLIK payment scheme operated by Polski Standard Płatności (PSP) delivers a single, integrated platform across all mobile devices that frees consumers from cards, purses and wallets. BLIK is a convenient and safe mobile payment method, allowing users to complete secure transactions in traditional retail shops and via web-based and mobile channels. It also allows the customer to withdraw cash from ATMs and to transfer money between individuals. Currently, BLIK covers approximately 90% of Polish banking customers and is accessible in 65% of the country's sales outlets. The recently introduced 'OneClick' BLIK feature is the first truly omnichannel mobile payment method available for Polish e-commerce and m-commerce.

18

TestArmy Group S.A.



SOFTWARE



847%



- 📍 Poland
- 👤 Tomasz Szpikowski
- 🌐 [testarmy.com](http://testarmy.com); [cyberforces.com](http://cyberforces.com)
- 💡 Founded: 2014
- ➔ Last Year's Rank: New

After five years' trading and with more than 500 projects completed, TestArmy Group has two specialist sub-brands. TestArmy focuses on quality assurance with an emphasis on software testing, test automation, performance testing and testing process optimisation. And CyberForces is dedicated to cybersecurity matters. The company's approach, driven by proprietary technology, is based on its BDQX (Business-Driven Quality eXcellence) concept. This connects quality, speed and safety – the key indicators for a software manufacturing business – to deliver an end-to-end Quality Assurance solution. In addition, by building and improving the quality culture in client companies, TestArmy helps businesses turn QA into a stable and scalable process that fits their needs, policies and workflows.



We are driven by beliefs that knowledge and technology support must be available to all food and agricultural producers worldwide – to help them grow enough food to feed the entire population in a sustainable way.

**Matija Žulj, CEO, Agrivi d.o.o.**

It's great to be recognised as one of the fastest growing European companies for the 3rd time! Our inquisitive team did a great job finding the answers to the most challenging tech questions of today. "Whatever the Q, we got the A" is not just our slogan, but also our business philosophy that has proved to work globally.

**Filip Ljubić, CEO, Q Ltd**

19

PROFICIO



MEDIA AND ENTERTAINMENT



832%



- Czech Republic
- Petr Halík
- [www.proficio.cz](http://www.proficio.cz)
- Founded: 2013
- Last Year's Rank: 8

PROFICIO is established as one of the top Czech digital marketing agencies. Its professional work is certified by Google, Seznam and Facebook as well as by more than 100 satisfied clients. Over 50 PPC and programmatic, analytics, SEO, UX, creative and content consultants look after clients' complete digital marketing. Thanks to close cooperation between individual departments, Proficio can support complex strategies, ranging from increasing web performance and campaign delivery to creative brand communication. It also develops tools that automate and increase campaign performance to make programmatic buying and reporting more effective.

20

GLAMI



MEDIA AND ENTERTAINMENT



820%

GLAMI

- Czech Republic
- Tomáš Hodbod
- [www.glami.cz](http://www.glami.cz)
- Founded: 2012
- Last Year's Rank: New

GLAMI is the largest fashion search engine in Europe, operating in 15 markets. Our goal is to bring all fashion into one place, where shoppers can easily discover, research, and purchase. We will bring more than 5bln CZK to our partner eshops in 2019. According to our Fashion (Re)search 2019, we have identified the need for better information on the environmental impact, on the quality of products, as well as the level of services provided by eshops. We are therefore launching features to facilitate just that, such as a material guide, sustainability filter, as well as reviews. We make all of this happen, using state of the art technology, and by having a strong, committed team.

21

Ministry of Programming



SOFTWARE



813%



- Bosnia and Herzegovina
- Faris Zacina
- [www.mop.ba](http://www.mop.ba)
- Founded: 2015
- Last Year's Rank: New

Ministry of Programming is a tech company based in Sarajevo that specialises in building world-class start-ups. It has to date worked with over 35 start-ups, using years of knowledge, product design and world-leading development practices that minimise any risk of failure and significantly increase success rates. Together with its partners, the company's brilliant in-house team of professionals has developed search engines, social networks, trading systems and virus-detection software. Three start-up clients have been recognised by Google, McKinsey and Rocket Internet, and have also ranked in the Digital Top 50 Awards. In 2017, the business received an award from the Bosnia and Herzegovina Foreign Investment Council, marking it as the country's most innovative company.

22

Empirica S.A.



FINTECH



750%



- Poland
- Michał Róžański
- [www.empirica.io](http://www.empirica.io)
- Founded: 2012
- Last Year's Rank: New

Empirica was established in 2012 and focuses on building software solutions for financial markets and FinTech sector. Along with building custom software solutions for disruptive financial companies, Empirica is investing in development of own products. Company flagship product is Algorithmic Trading Engine, which allows financial institutions to create, test and execute trading algorithms on capital and cryptocurrency markets. Empirica offers also Robo Advisor System, which enables investment advisors to automate all aspects of the advisory process. Empirica invests every year over 30% of its annual revenues in R&D to test appliances of blockchain and AI technologies on financial markets.

23

DataFromSky



SOFTWARE



729%



- Czech Republic
- David Herman
- [www.datafromsky.com](http://www.datafromsky.com)
- Founded: 2013
- Last Year's Rank: New

RCE is specializing in robotics, computer vision and AI. One of the RCE's star product is DataFromSky, a unique software solution for automatic detection and tracking of moving objects in video. The main application is TRAFFIC - monitoring and analysis of all traffic participants. We are creating Smarter and Safer Traffic: turning any camera into an intelligent traffic sensor. DataFromSky is a Ferrari in the world of intelligent traffic data, providing data for the leading companies in automotive industry, valuable data for behaviour models of autonomous vehicles. We are developing Realtime Traffic Drone and solutions for real-time monitoring and adaptive controlling of traffic lights on intersections.

24

Smartsupp



SOFTWARE



728%



- Czech Republic
- Petr Janosik
- [www.smartsupp.com](http://www.smartsupp.com)
- Founded: 2014
- Last Year's Rank: New

We are building two SaaS products, Smartsupp and Smartlook. Smartsupp is a business chat for websites and webshops. Companies use Smartsupp to start personal conversations with visitors and turn them into happy customers. Smartlook is a qualitative analytics solution for websites and mobile apps. Smartlook combines session replay, heatmaps and event tracking to give companies deeper understanding of their customers' behavior.

25

Core Services Sp. z o.o.



SOFTWARE



721%

core  
services

- Poland
- Michał Wędzicha
- [www.coreservices.pl](http://www.coreservices.pl)
- Founded: 2010
- Last Year's Rank: New

Core Services is a team of professionals focused on outsourcing of software projects and IT staff. Our team consists of over 250 IT specialists located in Wrocław, Warsaw, Poznań, Łódź, Kraków and the Tri-City. We are trusted by the largest institutions of the banking and financial sector, automotive, media, shared service centres and global IT service providers. We deliver software development services for clients in Poland and for several clients within EU. We are software lab which is an extension for our corporate clients' software development teams. We adapt to clients' methodology, technology and processes delivering software that can be easily integrated with clients' environments. We also take over maintenance and development of existing applications of our clients to support them even in 24/7 SLA mode.

26

Good one, UAB



MEDIA AND ENTERTAINMENT



691%

Good one

- Lithuania
- Tomas Varnas
- [goodone.lt](http://goodone.lt)
- Founded: 2009
- Last Year's Rank: 31

Good one is a boutique digital performance agency, specialising in the fields of SEO, SEM, digital media planning and delivery, PPC, web analytics and CRO. With a primary focus on working with market leaders across the Baltic region, Good one now also operates in the UK, US, Germany and France. As digital marketing becomes more and more competitive, it believes that artificial intelligence and machine learning solutions are the key to success for its clients' digital performance.

27

Ars Futura d.o.o



SOFTWARE



685%

arsfutura

- Croatia
- Nikola Jakić
- [arsfutura.co](http://arsfutura.co)
- Founded: 2013
- Last Year's Rank: 10

Founded in 2013, Ars Futura is a design-driven development agency with clients in the United States and Canada. Their projects range from small startups to large businesses. The company had the pleasure to work on a ton of interesting products, from building out Esports leagues, online competitions and video networks with Activision Blizzard, through custom CRM solutions for Harvard to working with a number of IoT companies in the USA to further improve the use of technology in the health industry. The process kicks off with design-led user and market research, working side-by-side with their clients to build the best roadmap and vision for the product. Then it's off to the team of developers to bring that idea to life. Throughout this all, the company maintains a keen eye on design and usability. Ars Futura's work reflects their values. They want the people to be proud of the design and code they produce, asking feedback from everyone involved, from stakeholders to engineers. The team really cares not just for the work that they do, but also for the product they are working on.

We are greatly positioned as a very special type of company that augments startups and makes them succeed better and faster. Being selected in the Deloitte Fast 50 ranking is the ultimate proof that our engine is working perfectly.

**Faris Zacina, CEO, Ministry of Programming**

When we began five years ago, I never imagined that we would have managed to gather so many of us and that we would receive such high honors. I would like to thank all the employees because you not only invested in yourself, but your work, and most important of all, have trusted us as a company and have helped build this beautiful story with us.

**Domagoj Madunić, CEO and co-founder, AG04 Innovative Solutions**

28

Footshop s.r.o.



MEDIA AND ENTERTAINMENT



684%



- Czech Republic
- Peter Hajduček
- [www.footshop.eu](http://www.footshop.eu)
- Founded: 2012
- Last Year's Rank: New

We continuously develop our own e-commerce solution including microsites e.g. <https://releases.footshop.com>. We also develop our own WMS and other internal tools. Thanks to custom made solutions we are able to deliver to whole Europe with locally preferred solutions and partners.

29

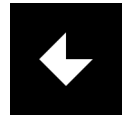
GoOut



MEDIA AND ENTERTAINMENT



658%



- Czech Republic
- Vojtěch Otevřel
- [goout.net](http://goout.net)
- Founded: 2014
- Last Year's Rank: New

GoOut is an unique website & app that serves as a unique combination of a cultural infotainment medium, a social network, and a ticketing service: Find any event you want, get tickets within seconds, and invite your friends to come along. In addition to covering major Czech and Polish cities, it has also expanded to Slovakia and Berlin recently - and that's only the beginning! The message is clear: Why stay at home when you can GoOut?

30

MobileSoft s.r.o.



SOFTWARE



648%



- Czech Republic
- Miroslav Novosvětsky
- [www.mobilesoft.eu](http://www.mobilesoft.eu)
- Founded: 2014
- Last Year's Rank: New

MobileSoft s.r.o. is a company exclusively dedicated to developing mobile apps for Android and iOS operating systems. Mobile applications under the brand MobileSoft are being used by hundreds of thousands of users and receiving very good ratings, which proves that we are doing our job the best we can. At the same time, we are not afraid of even greater challenges, as evidenced by the current development of StormmBook, one of the largest applications for the promotion of real estate and financial products in the world.

31

Orgis IT



SOFTWARE



605%



- Czech Republic
- Milan Brych
- [www.orgis.cz](http://www.orgis.cz)
- Founded: 2014
- Last Year's Rank: New

We started Orgis IT in 2014 as a purely Czech tech company. A few years later, we came up with our proprietary CRM & ERP solution based on the open-source platform and AWS. Our software runs on top-notch technologies such as artificial intelligence and machine learning. We offer a variety of applications: CRM, Sales, Purchase, WMS, Project Management, HR, Manufacturing, E-shop, Website, and many others. The result? Automated processes, data-driven decisions, digitization, and increased overall efficiency.

32

Creotech Instruments S.A.



HARDWARE



599%



- Poland
- Jacek Kosiec
- [www.creotech.pl](http://www.creotech.pl)
- Founded: 2008
- Last Year's Rank: 43

Creotech Instruments S.A. was founded in 2012 by a group of Polish scientists, who are consistently developing their competence in designing and assembling high-reliability electronics. Creotech has participated in numerous prestigious space projects related to the search for traces of life on Mars, studying mysterious gamma-ray flashes in the outer layers of the Earth's atmosphere and tracking potentially dangerous objects circulating around our planet. Creotech also specialises in the manufacture and supply of components and specialised equipment for research institutions including CERN in Geneva, GSI and DESY. The company is also developing control and measurement modules for quantum physics laboratories and for creating the quantum technologies of the future.

33

Meta IT s.r.o.



SOFTWARE



586%



- Czech Republic
- Ladislav Ruttkay
- [metait.cz](http://metait.cz)
- Founded: 2008
- Last Year's Rank: New

Meta IT aims to create business software beyond usual experience. Our tailor-made products help other companies grow and solve the problems they are facing. During cooperation we dive deep in our partners' business and analyse breaking points that have a potential to open client's business to new opportunities and meet his goals. With 11 years of experience in the field of information technology, we have accomplished many projects on demand. Besides, we have developed our proprietary system. ProjektIS tracks our attendance and effectiveness at work. ProjektIS helped us to increase efficiency by 20%, which was significantly projected in our economic outcomes.

34

The FUNTASTY



SOFTWARE



564%

- Czech Republic
- Lukáš Strnadel
- [www.thefuntasty.com](http://www.thefuntasty.com)
- Founded: 2011
- Last Year's Rank: New

Leading Czech development company, which focuses exclusively on all activities related to the development of native mobile applications. The author of applications such as Restu, Grason or Gastromapa Lukáše Hejlíka. Scoring international success with Sensor Safe, application developed for CYBEX. Currently employing more than 40 specialists and growing tens of percent each year.

35

AG04 Innovative Solutions d.o.o. / AGENCY04



SOFTWARE



551%

- Croatia
- Domagoj Madunić
- [www.agency04.com](http://www.agency04.com)
- Founded: 2014
- Last Year's Rank: New

AGENCY04 is a 100+ strong team that builds mobile apps, web apps & enterprise backends.

36

unuodesign s.r.o.



SOFTWARE



548%

  
[www.unuodesign.cz](http://www.unuodesign.cz)

- Czech Republic
- Petra Plemlová
- [www.unuodesign.cz](http://www.unuodesign.cz)
- Founded: 2014
- Last Year's Rank: New

Unuodesign is Czech company that makes quality children's clothes which we sell online on unuo.cz website. We also have eshop unuodesign.cz where we sell all kind of fabrics. In both eshops we use our own application called Picki that helps us to increase our profit.



We have to become faster at delivering slow fashion to your doorstep.

**Tomáš Hodbod', CEO, GLAMI**

We started Ars Futura with a singular vision on how we want to run our company by putting the team and the product first. We offer everything we can to help our employees grow, learn and be motivated. When building a product, all of our efforts are focused on making it the best we can. From the first design drafts to the last feature implementation. Every product we build we consider our own. That is something our clients have recognized and I believe that is the key to our ongoing and future success. Making the Fast 50 CE second year in a row means a lot to us. We'll continue to push forward in the same pace, with the same dedication and goals in mind — to steadily grow as we ship quality products that people love to use.

**Nikola Jakić, CEO, Ars Futura d.o.o**

37

RTB House S.A.



MEDIA AND ENTERTAINMENT



523%

RTBHOUSE =

- Poland
- Robert Dyczkowski, Ph.D.
- [www.rtbhouse.com](http://www.rtbhouse.com)
- Founded: 2013
- Last Year's Rank: 32

RTB House is a global company that provides state-of-the-art retargeting technology for top brands worldwide. Its proprietary ad-buying engine is the first and only in the world to be powered entirely by deep learning algorithms, enabling advertisers to generate outstanding results and reach their short, mid and long-term goals. Founded in 2012, and now with more than 500 professionals in 30 major cities across the world, RTB House serves over 1,900 campaigns for clients across EMEA, APAC and the Americas regions. In 2018, after successfully deploying deep learning into 100% of its algorithms, RTB House launched two new divisions: AI Marketing Lab, focused on creating an environment for inventing and developing new marketing technology solutions; and the Creatives Lab, to investigate and improve the overall performance of creative staff.

38

Online Technologies HR Sp. z o.o.



SOFTWARE



509%

hrlink.pl

- Poland
- Arkadiusz Kuchto
- [www.hrlink.pl](http://www.hrlink.pl)
- Founded: 2012
- Last Year's Rank: 26

Founded in August 2012, Online Technologies HR is an IT company based in Szczecin, Poland. It specialises in creating, producing and deploying innovative IT solutions for HR departments, with a particular focus on online recruitment, job advertisement multi-posting and candidate-base development and management. The business is built around the proprietary HRlink.pl, an applicant-tracking system (ATS) based on the SaaS model. The company is one of the leading ATS suppliers in Poland, operating in line with trends in HR tech. It also supports hundreds of customers based in foreign markets. HRlink is integrated with more than 50 job-boards, creating a unique multi-posting network in local markets. Driven by customer needs, the company is constantly developing its products to optimise the work of recruiters and automate processes.

39

Global Control 5 Sp. z o.o.



HARDWARE



506%



- Poland
- Adam Półgrabia
- [www.gc5.pl](http://www.gc5.pl)
- Founded: 2015
- Last Year's Rank: New

Located in Warsaw and Gdansk, Global Control 5 Sp. z o. o. (GC5) is a Polish producer, supplier and exporter of high-quality intelligent building automation technology, from peripherals and sensors to edge devices and cloud services. It designs and manufactures IoT solutions that seamlessly connect, collect, analyse and operate on data in real-time, providing increased security, performance, reliability and durability. The company's technology is open and versatile, easy to install and use, providing customers with innovative solutions ideally suited to their most demanding needs. GC5 is growing fast: between 2015 and 2018, revenues rose from PLN 2.5m to more than PLN 17.5m. Employee numbers have grown from six in 2015 to more than 80 in 2019, while its product numbers have grown from 32 to around 450 over the same period.

40

Botron Software Solutions Ltd



SOFTWARE



503%



- Bulgaria
- Boris Georgiev
- [www.botronsoft.com](http://www.botronsoft.com)
- Founded: 2013
- Last Year's Rank: New

Botron Software is a leading Platimun Solution Partner for the Atlassian Corporation, developing enterprise-grade add-ons for Jira, organizations collaborate and manage projects primarily in the Software and IT space. Botron Software provides the most complex organizations with the ability to scale, improve, and accelerate their Atlassian experience. Our strong background in technical excellence covers areas like Jira Automation, Jira Administration, and Visualization, as well as the full stack of Enterprise Services like Atlassian mergers, migrations, and consolidations. Botron's products and solutions are trusted by more than 3000 companies worldwide, and by over half of Fortune 100.

41

Perceptus S.A.



HARDWARE



499%



- Poland
- Jacek Starościc
- [www.perceptus.eu](http://www.perceptus.eu)
- Founded: 2014
- Last Year's Rank: New

Perceptus aims to become a leader in data-security systems by helping large companies and public institutions assure the security of their data. Based on a unique combination of experience and deep technical knowledge, the company sells its own innovative solutions and helps to implement innovations in clients' existing IT systems. It specialises in implementing complex software and hardware components of data security systems (such as antivirus software or UTM hardware). Its innovative 'Let's Pay' payment management solution, under development since 2015, is currently undergoing beta-testing.

42

Zelená pošta s. r. o.



SOFTWARE



489%



- Slovakia
- Adrián Csuba
- [www.zelenaposta.sk](http://www.zelenaposta.sk)
- Founded: 2012
- Last Year's Rank: 11

Zelená pošta is a young Slovak business connecting a team of committed colleagues who enjoy making people's lives easier by creating innovative new technological solutions for the postal market. It is currently the only provider of "hybrid" postal transformation services. The principle is simple – a customer sends an electronic document for Zelená pošta to print, envelope and submit on their behalf to the post office, saving the customer both cost and time.

43

Supercharge Kft.



SOFTWARE



485%



- Hungary
- András Tessényi
- [supercharge.io](https://supercharge.io)
- Founded: 2010
- Last Year's Rank: 12

Founded in 2010 by a group of Hungarian students, Supercharge creates digital products that are fit for the future. The team provides transformative solutions that cover digital strategy, experience design and development while acting as an innovation partner to industry-leading companies such as OTP Bank, Santander Bank and Delivery Hero, Hungary's largest food delivery marketplace. Today, the company employs more than 100 software engineers, designers and other digital professionals in its Budapest and London offices. Its proprietary technologies include the Future Fit Innovation Framework, designed to turn innovation into a precise process, and the Launchpad Framework for speeding up high-quality mobile development. The company's motto: We build futures, not just tech.

44

Exacaster, UAB



SOFTWARE



474%

Exacaster

- Lithuania
- Šarūnas Chomentauskas
- [www.exacaster.com](https://www.exacaster.com)
- Founded: 2011
- Last Year's Rank: 24

Exacaster is a big data predictive analytics technology company. It provides vertical AI solutions for telecommunications and retail companies addressing key sales and marketing challenges such as churn, usage prediction, product recommendations, segmentation and real-time dynamic pricing. It also provides three software platforms – the Data Lake, Smart Marketing Toolkit and Analytics API – that catalyse data-driven transformation. Exacaster's skilled data-science team helps telcos and retailers accelerate their journeys with hands-on implementation services including consulting, outsourcing and 24/7 support.

45

SneakyBox



SOFTWARE



454%

SNEAKYBOX

- Lithuania
- Liudas Ubarevičius
- [sneakybox-studios.com](https://sneakybox-studios.com)
- Founded: 2012
- Last Year's Rank: New

SneakyBox is a digital development studio focusing on games, VR/AR products and interactive engineering solutions. Since its foundation in 2012, the studio has gained expert knowledge in projects of various sizes and types: in-house games production, full-game development services, including porting to all major platforms, virtual and augmented reality experiences and interactive solutions for complex engineering projects. Its VRMEDICA solution, meanwhile, uses virtual reality to help people cope with phobias, including a fear of public speaking. With a team of over 30 developers and numerous awards, SneakyBox has worked with international companies and brands including King (Defold 2D game engine), Nelly Jelly, BAA Training Aviation Academy, Swedbank, PVcase and others.

At SneakyBox we are always putting creativity and open-mindedness first. We are early adopters of the latest games and software development technologies and trends such as VR, AR, location-based experiences. We cooperate with an ever-growing variety of partners, and with each game or app produced gain new knowledge which fuels the growth. We hope that participation in the Deloitte Technology Fast50 project will help us showcase our diverse work and promote the idea that games or gamified experiences can be used in many areas.

**Liudas Ubarevičius, CEO, SneakyBox**

We are delighted to be in such select company. Although the era of digital reality is yet to come, our team has already left a mark in this area, and we are happy to be recognized for it. And with Apple's imminent entry into the XR market, the future looks bright.

**Darian Škarica, CEO, Delta Reality**

46

Gremon Systems Zrt.



SOFTWARE



450%



- Hungary
- János Lóczy
- [gremonsystems.com](http://gremonsystems.com)
- Founded: 2013
- Last Year's Rank: New

Gremon Systems provides innovative, integrated cloud-based hardware and software solutions for the horticultural sector. It focuses on greenhouse production to help growers make better use of their resources, leading to significant cost savings and greater profitability. The company's 'Trutina' product, already on the market, measures the weight of the plants with high accuracy and every 5 seconds, it also measures the irradiation within the greenhouse. From this data, it calculates the production efficiency for the current moment and the previous day. Trutina is the only product which can give growers this sort of information in real time, enabling them accordingly to correct their systems and processes. With this product the growers can keep updated on every breath their plants take.

47

Delta Reality



SOFTWARE



449%



- Croatia
- Darian Škarica
- [deltareality.com](http://deltareality.com)
- Founded: 2009
- Last Year's Rank: New

Diversitas IT Sustavi d.o.o. and its extended reality (XR) studio, Delta Reality, are experts in the fields of virtual, augmented and mixed reality. With more than 10 years' experience in digital realities, the studio creates digital innovations for partners on a global scale, enabling them to improve their promotional, communication, logistical and commercial properties through the use of the latest technologies. The company's products and services are used in 17 countries by brands including Disney, Microsoft, Samsung, Siemens and Deutsche Telekom

48

Qpony.pl Sp. z o.o.



MEDIA AND ENTERTAINMENT



446%



- Poland
- Tomasz Jabłoński
- [www.qpony.pl](http://www.qpony.pl)
- Founded: 2012
- Last Year's Rank: 15

Qpony.pl Sp z o.o. is a CEE leader in drive to store marketing that owns and develops smart-shopping apps in Poland and Ukraine. The company operates a leading online-to-offline shopper platform, driving marketing traffic for the biggest retailers and FMCG/ CPG companies. Reaching 3 million shoppers eachmonth, the group is committed to enhancing and facilitating shopping through the use of mobile technologies. Its portfolio apps (BLIX, Qpony and Zdrowe Zakupy) help consumers find the best offers at the moment they need them. The company's technology enables data-driven targeting of personalised deals, allowing clients to run geo-localised and scalable ad campaigns that drive millions of shoppers to physical stores.

49

DENEVY s.r.o.



SOFTWARE



433%

DENEVY

- Czech Republic
- Andrej Hyben
- [www.denevy.eu](http://www.denevy.eu)
- Founded: 2014
- Last Year's Rank: New

Denevy was founded by CEO Andrej Hyben in 2014 as a company with two people, small budget and a big determination. During the first 2 years we have become a part of major projects that helped build a strong awareness of our company. Today, Denevy is growing and profitable IT company without any external investments providing software testing and development, data management or cloud data migration. We cover all sorts of areas of development life cycle management, primarily oriented to system integration. Our portfolio of customers consists of leading companies in the field of telco, insurance, banking or automotive area. We have also created our own test management software called JunoOne, which was awarded the IT Product of the year 2018.

50

Agrivi d.o.o.



SOFTWARE



432%

agrivi

- Croatia
- Matija Žulj
- [www.agrivi.com](http://www.agrivi.com)
- Founded: 2013
- Last Year's Rank: New

Agrivi is a global agtech company with the vision to change the way food is produced and positively impact over a billion people. Since it has been founded in 2013 Agrivi is helping food producers through farm management software to establish sustainable farm management practices and achieve profitable crop production. Agrivi is trusted by thousands of customers from agriculture and food producers from 150 countries worldwide and is available in 10+ languages. The company has positioned itself as the provider of the world's most complete farm management software and as a leading player in the industry. To accelerate the impact, Agrivi works with farmers of all scales, agricultural cooperatives, food processing companies, NGOs, governments and other stakeholders interested in improving agricultural production on a farmer's level.

I am grateful for the work and involvement that has made it whole possible. We started out in 2014 without money and only with vision of helpful IT company where limitations are only in imagination and budget. Our growth depends on the commitment of all team members all partners and of course on adequate inovation potencial and financial situation our projects. If we show the same dedication and commitment, I am sure we will succeed again.

**Andrej Hyben, CEO, Denevy s.r.o.**



# Big 5 awards

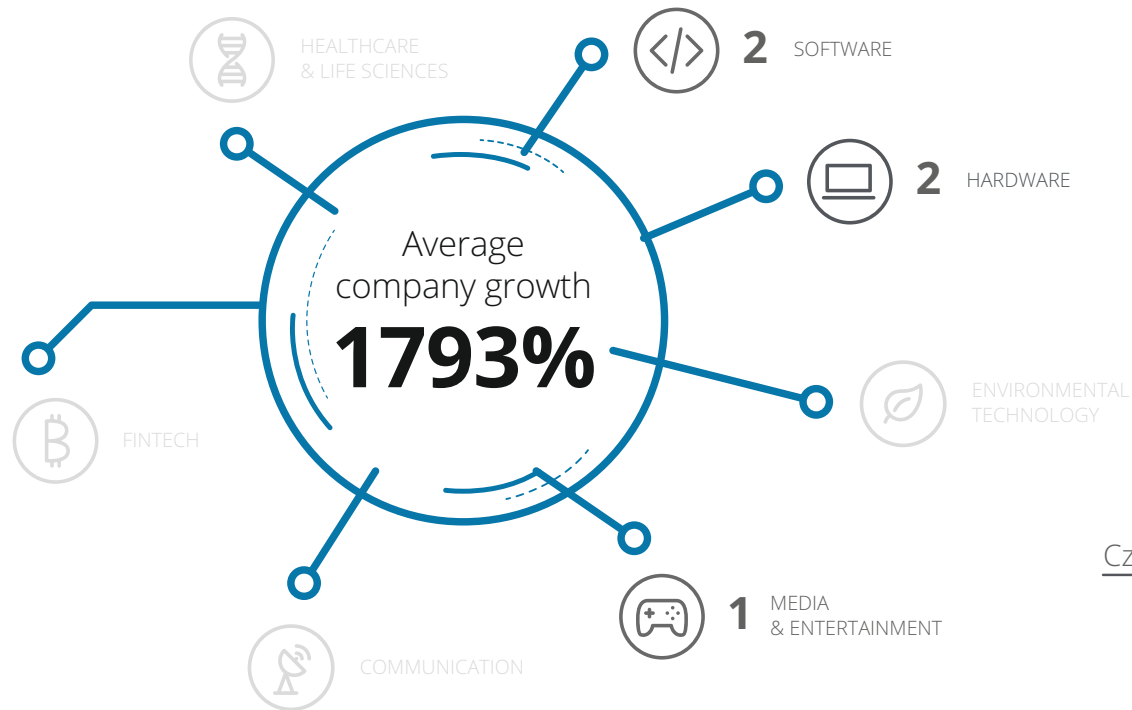


## Criteria for Big 5

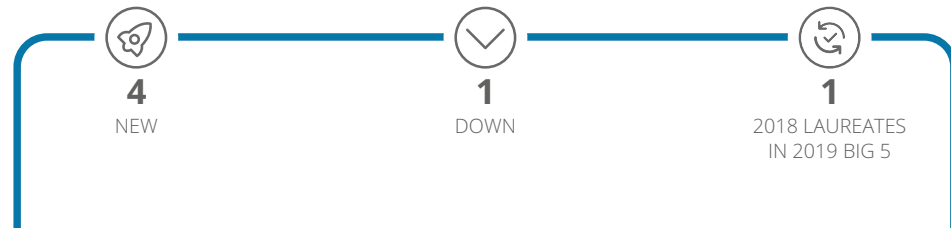
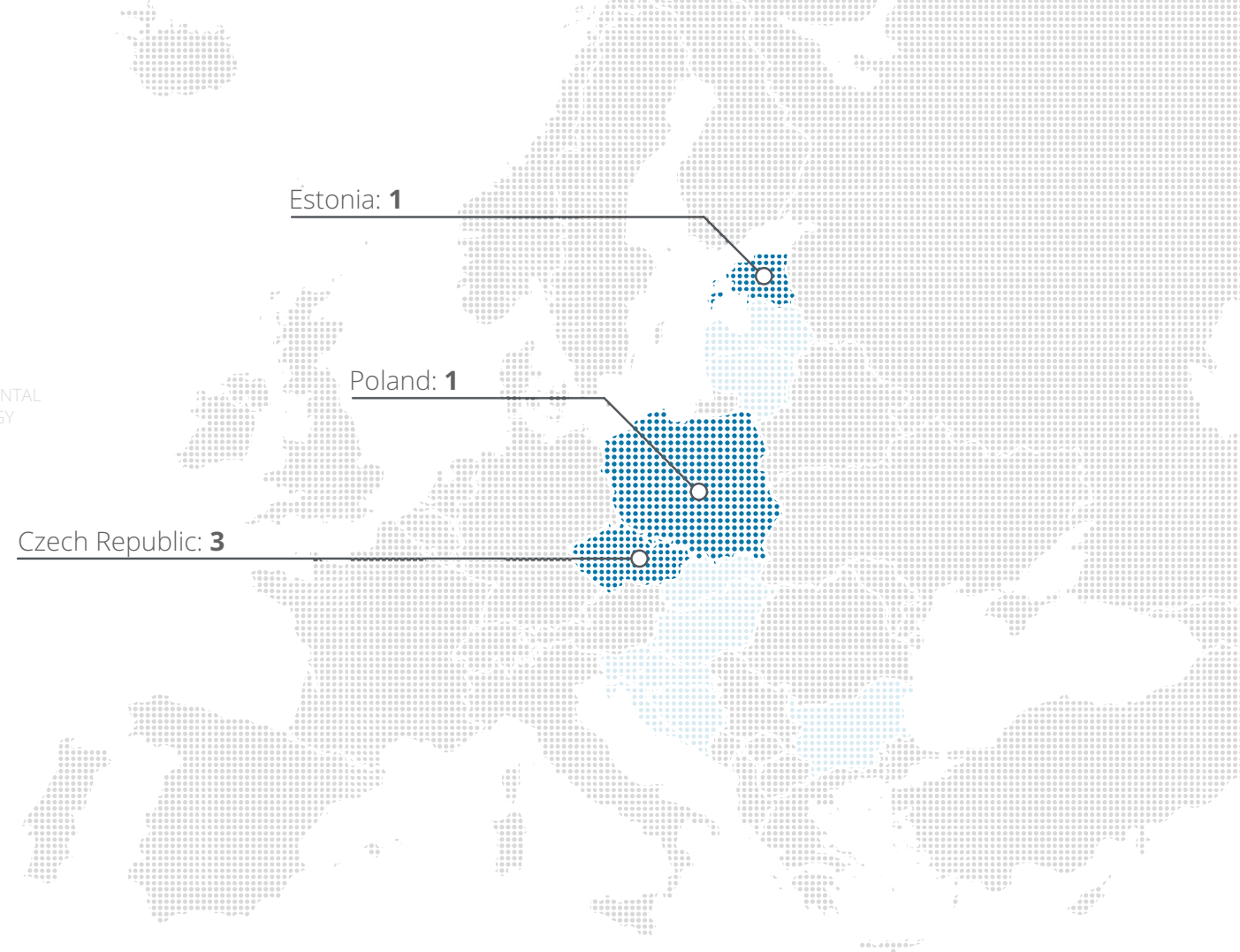
This ranks large companies that have achieved extraordinary growth over four years. Eligible companies must meet the same criteria as the main Fast 50 ranking, with the exception that annual revenue in the final measured year (2018) must exceed €25 million.

# Big 5 special category overview

Companies broken down by industry segments:



Companies broken down by countries:



1

Prusa Research s.r.o.



HARDWARE



4 527%

**PRUSA**  
**RESEARCH**  
 by JOSEF PRUSA

- Czech Republic
- Josef Průša
- [prusa3d.com](http://prusa3d.com)
- Founded: 2012
- Last Year's Rank: New

This Czech 3D-printing company was founded by Josef Průša in 2009 as a one-man start-up. Within a few years, and without any external investments, it has evolved into one of the most innovative and fast-growing companies in the 3D industry. Today the company produces its own filaments and prints the parts for other printers. It has also founded PrusaLab – a marketplace and open workshop for all those interested in 3D printing and is a current world record holder for the Most 3D printers operating simultaneously.

2

Cleveron AS



HARDWARE



1 799%

**CLEVERON**

- Estonia
- Arno Kütt
- [www.cleveron.com](http://www.cleveron.com)
- Founded: 2007
- Last Year's Rank: New

Founded in 2007, Cleveron focuses on the development of software and hardware for automated click-and-collect parcel solutions. Today, it provides retailers across the world with robotics-based solutions and the product upgrades are based on close client involvement and feedback. Cleveron's motto is that they create the future – Cleveron does not provide the client with the products and solutions they ask for, but rather to develop something they don't even know they need yet. 10% of operating revenues are devoted to R&D, ensuring the company will be ready with new and innovative solutions when clients are ready for them. Cleveron's product portfolio includes smart lockers, automated parcel lockers and parcel robots. As well as mass-produced products, Cleveron is developing a self-driving robot courier and a delivery drone and is running an ongoing pilot project in Estonia for personal parcel lockers.

3

rohlik.cz



SOFTWARE



1 166%

**rohlik**  
 .CZ

- Czech Republic
- Tomáš Čupr
- [www.rohlik.cz](http://www.rohlik.cz)
- Founded: 2014
- Last Year's Rank: New

Rohlik.cz is a Czech online grocery store founded in 2014. It is the largest player in online food distribution in the Czech Republic. Unique proposition of this store is two hour same day delivery and massive complexity of this task is handled by in-house developed systems and last-mile logistics. Rohlik.cz currently operates in eight Czech cities and will open for business in Budapest, Hungary at the end of this year as kifli.hu.

4

Kiwi.com



SOFTWARE



950%



- Czech Republic
- Oliver Dlouhý
- [www.kiwi.com](http://www.kiwi.com)
- Founded: 2012
- Last Year's Rank: New

Kiwi.com was created for travelers by travelers. Powered by Virtual Interlining, it allows users to combine routes from more than 750 carriers, including many that do not cooperate. Competitively priced, these are covered by a Guarantee, which covers flight delays, schedule changes, and cancellations. Kiwi.com offers the most comprehensive content now also including ground transport soon to add taxis and ride-hailing into its search.

5

RTB House S.A.



MEDIA AND ENTERTAINMENT



523%

RTBHOUSE =

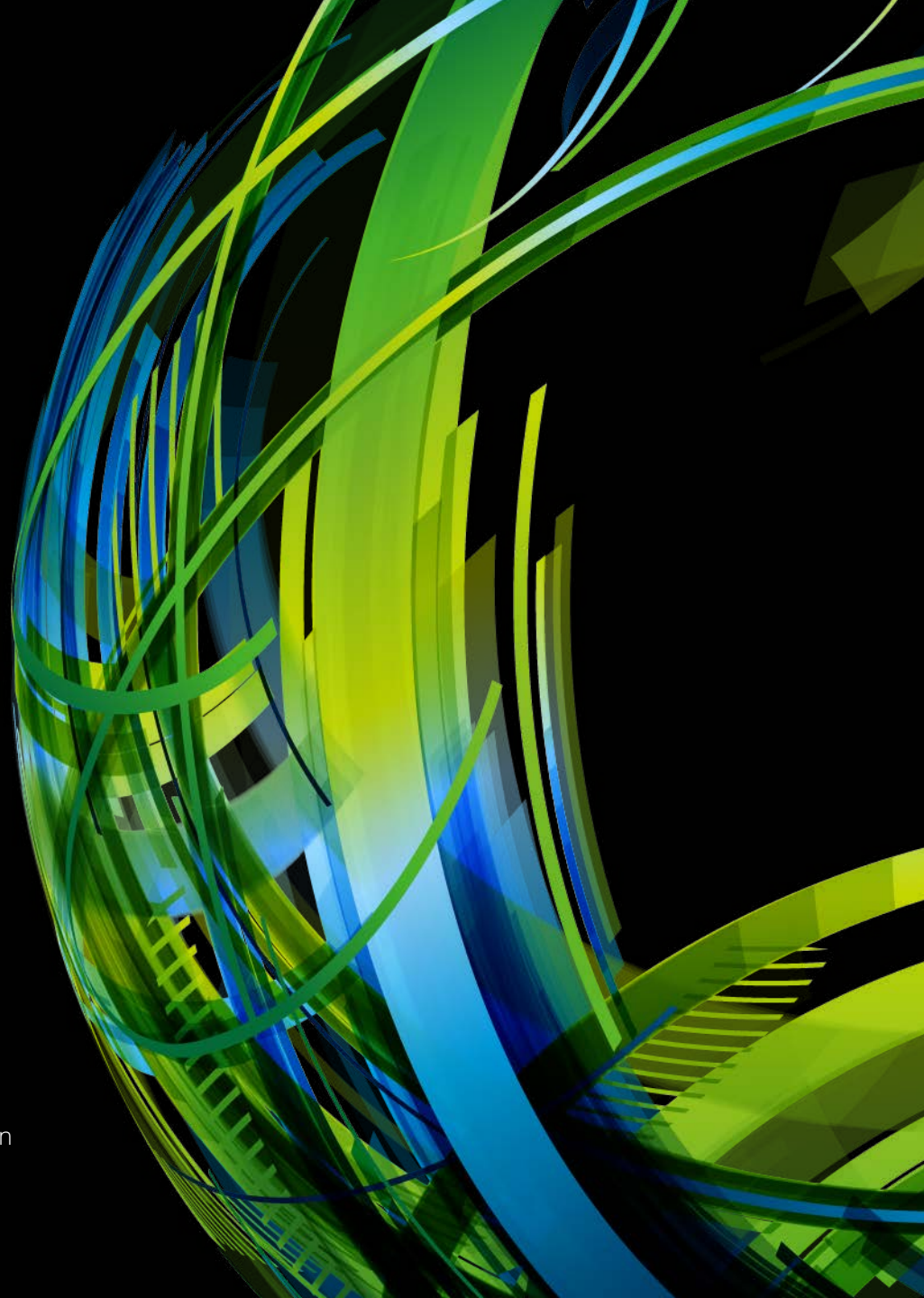
- Poland
- Robert Dyczkowski, Ph.D.
- [www.rtbhouse.com](http://www.rtbhouse.com)
- Founded: 2013
- Last Year's Rank: 2

RTB House is a global company that provides state-of-the-art retargeting technology for top brands worldwide. Its proprietary ad-buying engine is the first and only in the world to be powered entirely by deep learning algorithms, enabling advertisers to generate outstanding results and reach their short, mid and long-term goals. Founded in 2012, and now with more than 500 professionals in 30 major cities across the world, RTB House serves over 1,900 campaigns for clients across EMEA, APAC and the Americas regions. In 2018, after successfully deploying deep learning into 100% of its algorithms, RTB House launched two new divisions: AI Marketing Lab, focused on creating an environment for inventing and developing new marketing technology solutions; and the Creatives Lab, to investigate and improve the overall performance of creative staff.

# Rising Star awards

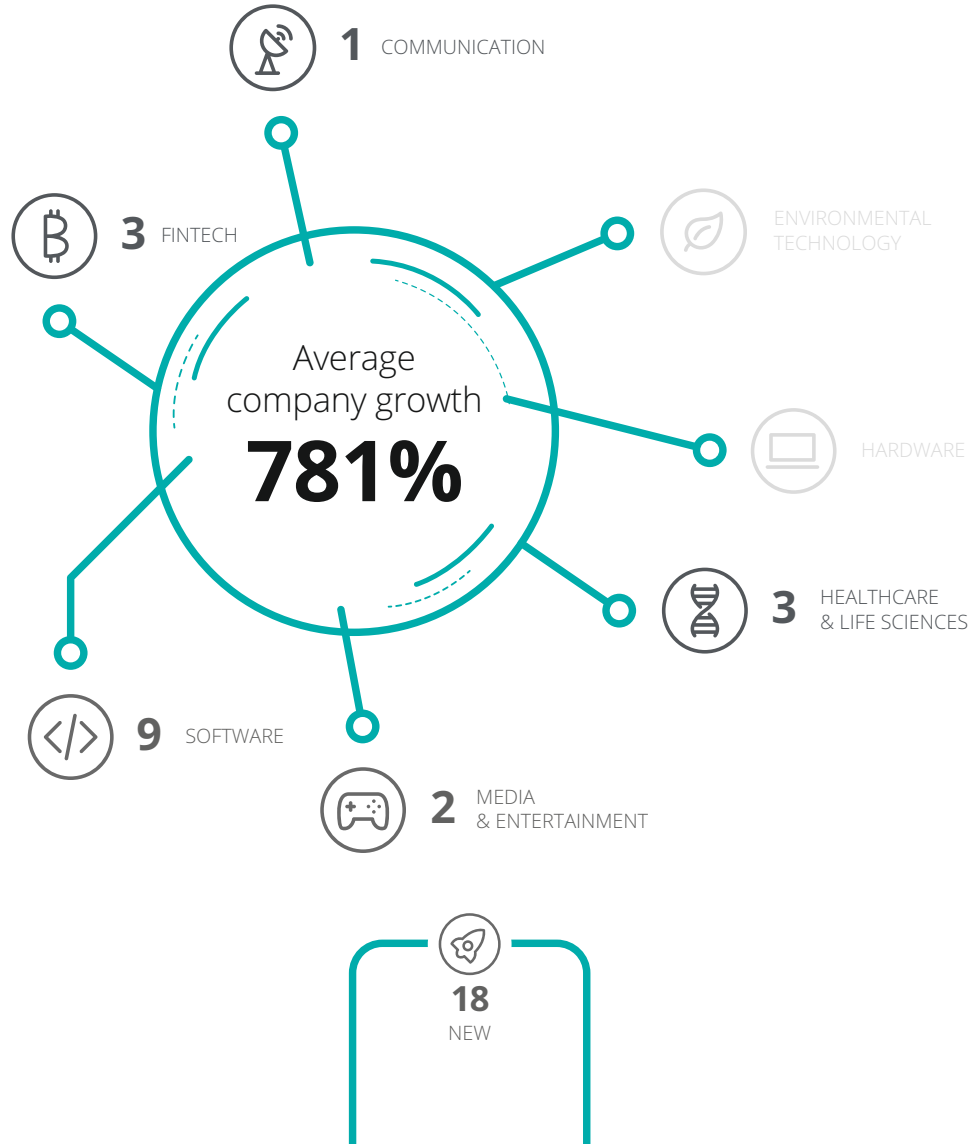
## Criteria for Rising Stars

Deloitte ranks companies that show great potential but are too new to meet the minimum of four years in operation criterion for the main Fast 50 category. Companies must have exceeded €30,000 in each of the last three years (2016 – 2018).

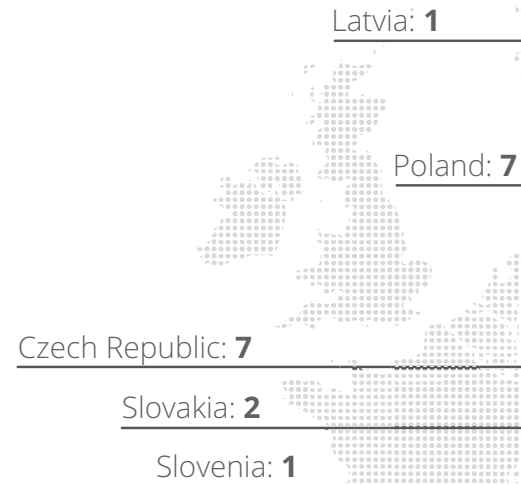


# Rising Star special category overview

Companies broken down by industry segments:



Companies broken down by countries:



1

FF Trader



FINTECH



1 465%

FF TRADER

- Czech Republic
- Otakar Šuffner, Marek Vašíček
- [www.ftmo.com](http://www.ftmo.com); [www.fftrader.cz](http://www.fftrader.cz)
- Founded: 2015
- Last Year's Rank: New

FF Trader s.r.o. developed an online training platform for traders on financial markets. The platform is built to educate clients about proper risk management techniques and to motivate them to be disciplined in trading.

2

Borza terjatev, d.o.o.



FINTECH



1 296%

BORZA TERJATEV

- Slovenia
- Marko Rant
- [www.borzaterjatev.si](http://www.borzaterjatev.si)
- Founded: 2011
- Last Year's Rank: New

The Invoice Exchange is Slovenia's first peer-to-peer finance platform for businesses. Conceptualised and developed in-house, the Invoice Exchange platform is challenging the core concept of banking and setting new standards in financial intermediation. The Invoice Exchange operates as a peer-to-peer banking service, connecting corporate investors who have surplus liquidity with SMEs seeking working capital finance. SMEs can use the Invoice Exchange to obtain same-day funding with a click of a button, while corporate investors can enjoy a lightweight, yet fully transparent investment product – a short-term, low-risk placement of funds at attractive rates of return.

3

Shop Support s.r.o.



COMMUNICATIONS



1 121%

EXPANDECO

- Slovakia
- Tomáš Vrtík
- [www.expandeco.com](http://www.expandeco.com)
- Founded: 2014
- Last Year's Rank: New

Shop Support helps e-shops to expand abroad. Using its own technological and human infrastructure, it provides its e-commerce clients with market analysis, SEO translations, localisation services, customer support and reverse logistics across 14 EU countries. It is currently the only company in Central Europe to break down linguistic, logistical and legislative barriers in this way to provide e-commerce businesses with a comprehensive expansion service.

4

ZDROWEGENY.PL Sp. z o.o.



HEALTHCARE AND LIFE SCIENCES



1 085%



- Poland
- Tomasz Karmowski
- [zdrowegeny.pl](http://zdrowegeny.pl)
- Founded: 2015
- Last Year's Rank: New

Zdrowegeny.pl is a marketplace for specialized medical testing, including real-time integration with over 500 blood draw locations in Poland and offers various test from 12 diagnostics companies from Poland and worldwide. The company assist patients on various stages of medical testing including pre-test as well as post-test consultations with specialists.

5

RTSmunity a.s.



SOFTWARE



851%



- Czech Republic
- Pavol Krasnovský
- [www.rtsmunity.com](http://www.rtsmunity.com)
- Founded: 2015
- Last Year's Rank: New

RTSmunity is eSports data science company focusing on providing data and risk management from professional eSports matches to both bookmakers and media.

6

Wultra s.r.o.



SOFTWARE



822%



- Czech Republic
- Petr Dvořák
- [www.wultra.com](http://www.wultra.com)
- Founded: 2014
- Last Year's Rank: New

Wultra helps the banks to make secure digital banking faster. Our range of security-related technologies covers mobile, web and API digital banking applications. Security solutions by Wultra already secure the best rated mobile banking app in the Czech Republic, an open banking gateway for the retail bank with over 300k clients, or a premium Internet banking for the wealthiest clientele. The main focus of the company for upcoming months is to expand internationally and give the established veterans of the digital security industry a run for their money.










If you can't stand the heat, get out of the kitchen.



**Otakar Šuffner, Marek Vašíček, CEOs, FF Trader**

We had established our first company as two, 18 years old naive students with no entrepreneurship experience. Unfortunately though, we were too inexperienced and we found it was too early for an internet product like ours in the Czech Republic. Today we have clients in 36 countries which don't want to waste hours of their precious time carrying out a manual research on Google, whilst utilising spreadsheets and having multiple open tabs, searching the relevant startup companies to invest in, cooperate with or acquire. In the second phase, we will focus on the tracking of the growth matrices of these already researched startups to discover the over-performers.

**Vlastimil Vodička, CEO, Leadpicker (WEB Project s.r.o.)**

7	<b>Mintos Marketplace, AS</b>		FINTECH		791%	
<ul style="list-style-type: none"> <li> Latvia</li> <li> Martins Sulte</li> <li> <a href="http://www.mintos.com">www.mintos.com</a></li> <li> Founded: 2015</li> <li> Last Year's Rank: New</li> </ul>		<p>As a global marketplace for investments in loans, we are revolutionising fintech industry by rethinking how money flows across the borders from those who want to save and invest to those who want to borrow. Mintos is opening the market to a new asset class by making investing in loans as common as investing in stocks, ETFs, real estate, or any other major asset class. Today, we are a go-to online investment marketplace for 200 000 investors from more than 80 countries of the world, offering diversified investment opportunities placed on our marketplace by 70 lending companies from more than 30 countries. By volume of EUR 3.5 billion in loans funded, Mintos is the leader of European market of investment in loans. As of September 2019, Mintos team is 150 people, working from offices in Riga, Warsaw, Berlin and Vilnius.</p>				

8	<b>Exponea s.r.o.</b>		SOFTWARE		761%	
<ul style="list-style-type: none"> <li> Slovakia</li> <li> Peter Irikovský</li> <li> <a href="http://www.exponea.com">www.exponea.com</a></li> <li> Founded: 2015</li> <li> Last Year's Rank: New</li> </ul>		<p>Exponea is a customer experience and data management platform that accelerates the growth of e-commerce by using automated engagement powered by Artificial Intelligence. The company also helps improve its clients' corporate culture by enabling better collaboration between departments and improving customer centricity.</p>				

9	<b>Monitora Media s.r.o.</b>		SOFTWARE		750%	
<ul style="list-style-type: none"> <li> Czech Republic</li> <li> Tomáš Berger</li> <li> <a href="http://monitora.cz">monitora.cz</a></li> <li> Founded: 2015</li> <li> Last Year's Rank: New</li> </ul>		<p>The company Monitora Media, s.r.o. provides comprehensive services in media monitoring, measuring and analysis. We work with all leading publishers in Czechia and monitor hundreds of magazines, journals and a countless number of websites. Our media archive reaches up to 20 years into the past. We focus on providing high quality and comprehensive media monitoring and we also offer our clients advanced analyses and filters for the monitored outputs. Our services allow you to not only monitor the media, but also measure and analyse. We do not only keep track of the number of articles and mentions, but we also measure their media reach. The system can then evaluate it and compare it. By combining several technologies including high-speed text scanners, text recognition software, systematic recording of audio-visual media, and last but not least manual work of media analysts, we can ensure flawless collection of media data in real time. The combination of computer learning, data mining and analytical manual work ensures a good selection and analysis of data.</p>				

10

Telmedicin Sp. z o.o.



HEALTHCARE AND LIFE SCIENCES



652%



- Poland
- Paweł Sieczkiewicz
- [telemedi.co](https://telemedi.co)
- Founded: 2014
- Last Year's Rank: New

Telemedico is the largest virtual medical clinic in Central and Eastern Europe. Over 12,000 consultations are made on the platform each month, using videochat and telephone 24/7/365 in several languages and across time zones. The platform, which maintains electronic medical records, is built of modules adapted to support services for a range of users: patients, doctors, admin staff and system administrators. The modules are supported by AI algorithms that process medical data collected from medical consultations. These are then used as medical triage for the patient and diagnostic indicators for the doctor. Telemedico operates mainly as a B2B solution, supporting insurance company clients, and as a 'white label' technology provider, mainly supplying medical organisations.

11

Lead Investments Sp. z o.o.



MEDIA AND ENTERTAINMENT



622%



- Poland
- Patryk Hoffmann
- [mylead.global/pl](https://mylead.global/pl)
- Founded: 2013
- Last Year's Rank: New

Everybody with access to the internet can earn money from it. That is the belief behind Lead Investments, whose MyLead platform gives even the most inexperienced publishers and advertisers a wide range of functions that enable them to monetise their web presence. As well as functionality ranging from extensive statistics and easy access to affiliate programmes, models, an embedded bonus system, forum, blog and gallery, MyLead provides unique capabilities and solutions that other providers cannot match. These include the proprietary Content Locker, that enables owners to block access to specific content on their sites, and the most extensive postback system on the market. As an affiliate network, it takes security very seriously, with a rigorous system for checking all traffic that includes analysing incoming page views and checking everything from the browser's language to the user's IP, time zone and the invisible traces that every visitor leaves.

12

Delante Media Sp. z o.o. sp. k.



MEDIA AND ENTERTAINMENT



589%



- Poland
- Michał Burkiewicz
- [delante.pl](https://delante.pl)
- Founded: 2015
- Last Year's Rank: New

One of Poland's leading search engine optimisation (SEO) agencies, Delante uses its own unique approach called the 'Broad SEO Methodology'. Instead of simply increasing website visibility, this aims to attract valuable traffic to client sites by using hundreds of keywords and long, client-specific phrases that deliver high conversion rates. In this way, Delante's small and medium-sized clients are able to compete with much larger organisations. The company believes its culture is an important factor in its success. It has no account managers – instead, its SEO specialists have customer-service and project-management as well as technical competencies, enabling them to work closely with clients to deliver projects from end to end.

Ever since Mintos was created, we reached for the global market, bringing value to wider society with financial technology. By opening the market to a new asset class, we provide space for the next generation of everyday investors from around the world to start small or go big and find an unmatched supply of loans to invest in. It is a simple and accessible way to earn passive income. And it is available to almost anyone.

**Martins Sulte, CEO, Mintos Marketplace, AS**

Entrepreneurs with strong character are the key driving force of positive change in the world.

**Peter Irikovský, CEO, Exponea s.r.o.**

13

Aplover Sp. z o.o.



SOFTWARE



567%



- Poland
- Radosław Bułat
- [www.aplover.pl](http://www.aplover.pl)
- Founded: 2015
- Last Year's Rank: New

Aplover is a Wrocław - based Software House, that specializes in software development in Blockchain, Fintech and Edtech sector (Slock.it, ETH Zurich University among clients). Aplover helped in the digitalization process of both SME's and Enterprises. Aplover specializes in the implementation of knowledge management and recruitment solutions. Except of their own proprietary solutions, the company creates a tailor-made software. Currently also working on a research project with the National Center for Research and Development in this area.

14

Recombee



SOFTWARE



562%



- Czech Republic
- Pavel Kordík
- [www.recombee.com](http://www.recombee.com)
- Founded: 2015
- Last Year's Rank: New

Recombee offers a high-tech recommender engine solution powered by AI and machine learning. Developed by a team of leading researchers in A.I. with over 30 years of cumulative experience, our solution provides high-tech personalization for global clients mainly in the fields of E-commerce, Media and Classifieds. By analyzing user interactions and behavior online as well as and product attributes, Recombee generates recommendations that are most likely to spark the interest of each customer online leading to higher conversions and revenues. What is more, our recommendations are displayed in real-time to ensure the most accurate content for all of for all clients' sites' visitors.

15

BlindShell



SOFTWARE



550%



- Czech Republic
- Jan Šimík
- [www.blindshell.com](http://www.blindshell.com)
- Founded: 2014
- Last Year's Rank: New

BlindShell produces phones for visually impaired users. The hardware design of the phone is adapted to specific needs of this target group. The main HW feature is a physical keypad with large tactile buttons. Software-wise the entire user interface and all the applications provided by the phone to the users are proprietary and are coded solely by our company. The solution runs on Android OS, however it uses only its tools and not the applications provided in the AOSP. Together the HW and SW creates a complete product with its every aspect tailored to the needs of the target group - the blind and visually impaired.

16

Leadspicker (WEB Project s.r.o.)



SOFTWARE



537%

- Czech Republic
- Vlastimil Vodička
- [www.leadspicker.com](http://www.leadspicker.com)
- Founded: 2015
- Last Year's Rank: New

WEB Project s.r.o. is a software company that developed a SaaS startup scouting and evaluation platform called Leadspicker. Since 2015 Vlastimil Vodička and his co-founder Jan Skácel are building a software that could automate some of the repetitive work that people in accelerators, corporations, and VC funds need to do in order to research relevant startups. Today, their search engine scans the entire internet using multiple protocols and compares metadata of all newly created web pages on the internet to recognise startup patterns. Leadspicker is being used to discover new startups for more than 200 clients in 36 countries, and the ML algorithm keeps learning and improving its results constantly.

17

obido Sp. z o. o.



SOFTWARE



523%

- Poland
- Paweł Gniadkowski
- [obido.pl](http://obido.pl)
- Founded: 2015
- Last Year's Rank: New

OBIDO is the largest marketing platform for the primary real estate market in Poland. Its main product is an integrated ad-technology marketplace where clients looking for a new flat or house can meet owners of properties on the primary market. While Obido is a high-tech solution powered by Artificial Intelligence, the Client Service Department is a very important part of the business, delivering a customer satisfaction score of 97%.

18

Warsaw Genomics Sp. z o.o. sp. k.



HEALTHCARE AND LIFE SCIENCES



509%

- Poland
- Anna Wójcicka
- [www.warsawgenomics.pl](http://www.warsawgenomics.pl);  
[www.badamygeny.pl](http://www.badamygeny.pl)
- Founded: 2015
- Last Year's Rank: New

Warsaw Genomics is a genetic testing company that reads human genes to identify errors that are responsible for many diseases. Its proprietary methods of analysis enable it to carry out testing at a fraction of the cost of standard techniques, making it financially viable to screen entire populations for cancer risk. A Deloitte report has shown that introducing genetic testing in a country with the population of Poland would result in medical and social-care savings of EUR 20 billion over 20 years. The company launched its BadamyGeny.pl cancer-assessment programme in 2017, and to date has attracted more than 22,000 patients. It is currently involved in negotiations to take the programme into other European countries.

As banking moves to the digital world, the bad guys follow fast, and we must remain ahead of them.

**Petr Dvořák, CEO, Wultra s.r.o.**

At Recombee we strive to provide our customers with the best high-tech solutions to personalize their customer experience. We believe the intelligent use of data, leading to the creation of relevant and unique experiences, is what will differentiate successful companies even beyond the digital age.

**Gabriela Takáčová, CBDO, Recombee**

# Most Disruptive Innovation award



This is a special award for the 'Most Disruptive Innovation' whose inventiveness and deep technological know-how is enabling it to develop solutions with the potential to significantly disrupt established markets and value networks.



# Rimac Automobili – setting records in electric vehicle performance



**Rimac is a technology powerhouse, manufacturing electric hypercars and providing complete technology solutions to global automotive manufacturers.**

Founded in 2009 with its headquarters in Croatia, Rimac started as a garage project and grew into a globally recognised technology leader, built upon the passion and vision of the company's founder and CEO, Mate Rimac.

Strongly believing that electric propulsion systems should be used to power the next generation of sports cars and make them better, faster and more exciting, he led the project with just a handful of people in his team. The company's flagship, the Concept\_One, was entirely designed, developed and manufactured in-house. Then, in 2018 Rimac introduced the next generation hypercar, the C\_Two, a car alive with technology.

Today, the company numbers nearly 600 people. It has grown into a leader within a highly competitive industry, with the ambition of becoming a full electrification partner for many OEMs. The company's vertically integrated team, which not only makes all parts but often the tools they use to do so as well, can tackle

incredible technical challenges and deliver high-quality solutions.

Rimac's industry partners include Porsche AG (an investor since 2018), Hyundai Motor Group (an investor as of 2019), Automobili Pininfarina, Aston Martin, Koenigsegg, Renault, CUPRA and more.

## **Making dreams reality**

It was in 2007 at the age of just 19 that founder, innovator and inveterate inventor Mate Rimac started out in a borrowed garage. Tinkering, dreaming and already thinking several years ahead of the traditional car industry, he fitted an experimental electric vehicle drivetrain to his 1984 BMW E30.

His conversion was so successful that the humble, garage-built BMW gained five FIA and Guinness-approved records as the world's fastest-accelerating electric vehicle.

This was the catalyst Mate needed to aim higher and seek out investors willing to fund his desire to build a bespoke, ground-breaking car from scratch. Mate wanted to prove the potential of the electric powertrain and show how exciting a truly sustainable future could be. So Rimac Automobili was born in 2009. But making a real production car is far from easy. Many people said that an electric supercar was impossible – and even undesirable.

Mate did not listen. He brought together a lean team of similar-minded experts and in 2011 the Rimac Concept\_One became the world's first true electric supercar. With 1224 hp, its fiendishly clever all-wheel drive and torque-vectoring system saw it produce performance figures that outperformed even the most expensive contemporary hypercars.

With the 2018 launch of the C\_Two, driven by the dedication, skill and passion of the Croatia-based team, Mate looks set to join the pantheon of entrepreneurial leaders and businesspeople

who make their dreams reality and prove that limits are for others.

Today, the company is recognised as a trusted partner by many global OEMs, trickling-down its hypercar technology to many applications in car design and manufacture. After two venture capital rounds, from which strategic partnerships with Porsche AG and Hyundai Motor Group stand out, Mate remains the majority shareholder of both Rimac and its subsidiary company, Greyp Bikes.

# Social Impact award



This is a special award for the company which most successfully links great digital products or services with a positive impact on society and/or the environment. The company must sell a product or service that makes a contribution to the achievement of at least one of the Sustainable Development Goals 2030 (SDGs) of United Nations.

# The Social Impact Award: The Winner: Warsaw Genomics



## Personalised genetic diagnostics that saves lives

“One in three people in Poland will develop cancer. For a quarter of these, the cause will be a pathogenic mutation. It’s almost 2mln people in Poland. Appropriate prevention and diagnostics can save lives. If people know their risk, they are empowered to avoid or detect a disease early enough to be able to cure it. Our mission is to prevent people from prematurely dying from cancer.”

These are the words of Krystian Jażdżewski, professor of medicine, geneticist, endocrinologist and co-founder of Warsaw Genomics – this year’s winner of the Deloitte Fast 50 Social Impact Award. Professor Jażdżewski also discovered the gene that causes a predisposition to thyroid cancer.

Warsaw Genomics is a genetic-testing company that reads human genes to identify the errors responsible for many diseases. Its proprietary algorithms, the company’s essential innovation, enable it to carry out testing up to 20 times more cheaply than standard techniques, making it financially viable to screen entire populations for cancer risk.

The tests the company offers are based on modern diagnostic methods developed by university scientists. The company’s strength is its team, which includes doctors, molecular biologists, geneticists, bioinformaticians, mathematicians and laboratory diagnosticians. Most of its employees have at least doctoral degree. Using propriety tools, they look for those mutations in human genes that are responsible for causing diseases. Currently, Warsaw Genomics performs over 500 genomic tests per week, making it one of the largest entity in Europe to offer large-scale genetic testing.

The company’s mission is to change Polish medicine in a way that enables personalized care for every patient. Its goal is therefore to promote genetic testing and gene-based prevention and to introduce it permanently into the Polish healthcare system. To achieve this, as well as carrying out world-class testing and research at the lowest possible cost, the company is actively sharing its knowledge about the role of genetics in modern medicine.

Contemporary diagnostics and treatment are increasingly focused on the needs of individual patients, making it possible to tailor care to each person’s specific requirements. These needs, and the differences between people, are recorded in their genes – innate instructions for the functioning of the body.

Warsaw Genomics reads genes to determine the best patient care strategy. The tests it provides are based on the most advanced method of modern genetics – ‘next generation sequencing’ (NGS). Thanks to this, unlike traditional tests that analyse selected mutations in single fragments of individual genes, the diagnostic tests performed at Warsaw Genomics allow the identification of all genetic mutations in all genes relating to a particular disease. For example, in the BRCA1 gene (related to breast, ovarian, and pancreatic cancer), between five and eight variants are typically studied. At Warsaw Genomics, this rises to over 3,000.

The company offers three groups of genetic tests:

- diagnosing hereditary diseases,
- determining the risk of developing hereditary

cancers, (part of the National Cancer Risk Assessment Programme BadamyGeny.pl, developed by the Warsaw Genomics team),

- enabling the selection of targeted therapy.

More than 22,000 people have been examined since the innovative BadamyGeny.pl programme’s launch in May 2017, which enables the company to assess the risk of individuals developing breast, colon, prostate and other hereditary cancers. Every patient receives individualized preventive recommendations, and those with the mutation are invited to a free consultation with a geneticist, oncologist and psychologist. They also receive a referral for a free diagnostic tests, including MRI and CT scans.

According to an economic analysis carried out by Deloitte, genetic screening of the entire Polish population with the BadamyGeny.pl programme would lead to savings in national budget in excess of 22 billion Euro over 20 years. Warsaw Genomics is currently involved in negotiations to take the programme into other European countries.

# Special recognition: ERC TECH

# ERC TECH

## A brand new company leading a green revolution in global construction

Construction and demolition waste (C&DW) accounts for nearly half of all the waste produced in the world each year. It is traditionally disposed of in landfill, causing problems that range from land, air and water pollution to reduced soil quality, wasted natural resources and increased construction costs.

Now a young Czech company, ERC TECH (short for 'Effective Recycling Concrete Technology') has developed and launched a new product range that addresses all these issues. ERCconcrete® is a portfolio of high-quality concrete mixes that use 100% recycled aggregates. The company's unique approach is based half on the 'recipes' used in formulating its mixes, and half in the technical processes that it has developed and patented.

### Lower cost, smaller impact

Depending on usage, its concretes not only deliver costs-savings of between 15% and 45% – they also reduce environmental impacts by eradicating the traditional materials-extraction and disposal stages of the construction process to create a properly circular, 'closed-loop' value chain.

In so doing, they fulfil the increasingly important Life Cycle Assessment principles for the construction industry. More significantly, they also meet the requirements of nine of the United Nations Sustainable Development Goals (SDGs), which are targeted for achievement in 2030 – little over a decade's time.

The mixes are produced using ERC TECH's patented technology, which meets all requirements relating to the use of secondary raw materials sourced from C&DW. They're tested and certified using the EN 206 European standard for concrete strength, and have also been through stringent testing processes with the global Skanska construction company. In addition, buildings in which ERCconcrete® is used achieve the highest levels of LEEDS and BREEM certification from the Green Building Council.

### Compliance assured

The materials used in the mixes are fully sanitised during the production process, with all impurities and bacteria removed to comply with the strictest environmental and quality demands. The base materials that can be used are wide-ranging too, including recycled concrete, brick, stones, mortar and ceramics.

The process offers the potential of saving and re-using around 2 billion tons of secondary raw materials across the world each year. This would have a very significant positive impact on CO<sub>2</sub> emissions: processing and reusing every ton of C&DW saves roughly 200kg in CO<sub>2</sub> emissions, meaning the use of ERCconcrete® has the potential of preventing emissions totalling 400 million tonnes. That's equivalent to taking nearly 8.7 million passenger vehicles off the road.<sup>1</sup>

The range of end products the company's technology can help produce provides solutions for all kinds of construction work, covering roads, buildings and more. The range includes prefabricated, pre-cast and block & brick products, ready-mix, self-compacting, self-placing and self-levelling concrete, as well as mixtures for spraying and manual processing.

### Recycling as UpCycling ad infinitum

The company provides clients with licensing and technical services related to its patented knowledge. Processing the waste, manufacturing raw materials and producing concrete mixtures or prefabricates can be achieved using traditional manufacturers' existing equipment, subject

to some modifications. In addition, waste can be processed actually on the demolition site, for use in new buildings. And once these in turn have reached the end of their lifetimes, it can be recycled yet again – ad infinitum.

ERC TECH's ambitions for the product are admirable. As they say, "Our vision is to stop landfilling for good and minimise the environmental burden, conserve natural resources and energy and bring new social and societal benefits in the form of new job opportunities. We want to enable sustainable development in the construction industry and bring new business opportunities with the greatest possible positive environmental impact for regions and countries across the world."

And its revolution is underway. It is targeting the biggest companies in countries with the highest populations and greatest existing quantities of construction and demolition waste. As the company says, "Our ambition is to spread our technology all over the world."

<sup>1</sup> <https://www.epa.gov/greenvehicles/greenhouse-gas-emissions-typical-passenger-vehicle>

# Fast 50 ranking list



Ranking	Company	Country	Growth rate (%)
1	Voltas IT, UAB	Lithuania	5 734
2	Prusa Research s.r.o.	Czech Republic	4 527
3	BLINDSPOT	Czech Republic	4 445
4	itrinity, s.r.o.	Slovakia	3 066
5	BAZZAR.HR	Croatia	2 821
6	DYNTELL Magyarország Kft.	Hungary	2 537
7	SuperScale s. r. o.	Slovakia	1 933
8	Cleveron AS	Estonia	1 799
9	Sewio Networks s.r.o.	Czech Republic	1 285
10	Applifting	Czech Republic	1 265
11	CGTrader, UAB	Lithuania	1 256
12	rohlik.cz	Czech Republic	1 166
13	3Dwiser s.r.o.	Czech Republic	1 133
14	Semantive Sp. z o.o.	Poland	1 027
15	Kiwi.com	Czech Republic	950
16	Q Ltd	Croatia	927
17	Polski Standard Płatności Sp. z o.o.	Poland	870

Ranking	Company	Country	Growth rate (%)
18	TestArmy Group S.A.	Poland	847
19	PROFICIO	Czech Republic	832
20	GLAMI	Czech Republic	820
21	Ministry of Programming	Bosnia and Herzegovina	813
22	Empirica S.A.	Poland	750
23	DataFromSky	Czech Republic	729
24	Smartsupp	Czech Republic	728
25	Core Services Sp. z o.o.	Poland	721
26	Good one, UAB	Lithuania	691
27	Ars Futura d.o.o	Croatia	685
28	Footshop s.r.o.	Czech Republic	684
29	GoOut	Czech Republic	658
30	MobileSoft s.r.o.	Czech Republic	648
31	Orgis IT	Czech Republic	605
32	Creotech Instruments S.A.	Poland	599
33	Meta IT s.r.o.	Czech Republic	586
34	The FUNTASTY	Czech Republic	564

Ranking	Company	Country	Growth rate (%)
35	AG04 Innovative Solutions d.o.o. / AGENCY04	Croatia	551
36	unuodesign s.r.o.	Czech Republic	548
37	RTB House S.A.	Poland	523
38	Online Technologies HR Sp. z o.o.	Poland	509
39	Global Control 5 Sp. z o.o.	Poland	506
40	Botron Software Solutions Ltd	Bulgaria	503
41	Perceptus S.A.	Poland	499
42	Zelená pošta s. r. o.	Slovakia	489
43	Supercharge Kft.	Hungary	485
44	Exacaster, UAB	Lithuania	474
45	SneakyBox	Lithuania	454
46	Gremon Systems Zrt.	Hungary	450
47	Delta Reality	Croatia	449
48	Qpony.pl Sp. z o.o.	Poland	446
49	DENEVY s.r.o.	Czech Republic	433
50	Agrivi d.o.o.	Croatia	432

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