Deloitte.





Technology Fast 50 Turkey 2021 Winners Powerful connections



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Deloitte.



METIN ASLANTAŞ
Technology, Media & Telecommunications (TMT)
Industry Leader
Deloitte Turkey

I am honored to present you the winners of the Fast 50 program this year in Turkey. In a year which economic growth resided along with financial volatility, we once again see an outstanding growth performance in the Turkish technology industry.

This year, along with our long-time program partner Meta, we hope to put spotlight on some great achievements and present a set of vibrant companies that make an impact. This year we decorate a couple of Fast 50 winners with "Women in Tech" and "Deloitte Impact" special awards- an achievement for a true sustainable society. In fact, from top to the bottom of this year's Fast 50 list, every company is making its own contribution and showing us a way ahead by bringing new, better, and more effective solutions to the challenges we face in our increasingly complex and connected society.

Couple of years ago, I had predicted that we would start to see Turkish unicorns soon. I am ecstatic to see that this is happening, and it is happening quite fast, despite all the challenges. Now, it is time to diversify the portfolio of these companies and support the sustainable growth of the leaders.

It is a great pleasure to see that several inaugural winners can join the list, still achieving more than 100% growth rate. This year I am truly amazed by the diversity of the ideas and success Turkish technology firms have created. From energy to sustainable food chain, from well-being and longevity to gaming, the winners list is full of various bright ideas.

The Fast 50 program is Deloitte's commitment to a new generation of corporations that will shape the future of business. As such, we take great pride in identifying the fastest

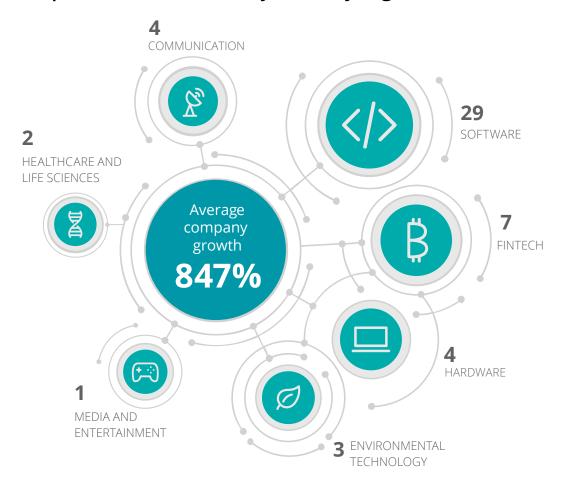
growing technology companies in Turkey whom we believe contribute greatly to the digital transformation of the Turkish industries. Our Technology Fast 50 program is a great means to do not only just that, but also celebrate the entire technology ecosystem for its productivity and creativity.

I want to extend my gratitude to Meta and Women in Technology Association Turkey for their cooperation and support in bringing Fast 50 2020 Turkey.

Once again with great pleasure, I present you the 50 fastest growing technology companies of Turkey.

Technology Fast 50 Turkey 2021 Fast Facts

Companies broken down by industry segments



Companies broken down by cities



Technology Fast 50 Turkey 2021 Winners List (in alphabetical order)

Company	Industry sector	Website
32bit	Fintech	www.32bit.com.tr
akakce.com	Media and Entertainment	www .akakce.com
Aktek Bilişim	Software	www.aktekbilisim.com
ANOVA ARGE	Environmental Technology	www.anova.com.tr
Apsiyon	Software	www.apsiyon.com
Architecht	Fintech	www.architecht.com
ARD BİLİŞİM	Software	www.ardbilisim.com.tr
Berqnet	Software	www.berqnet.com
Birleşik Ödeme	Fintech	www.birlesikodeme.com
Bites	Software	www.bites.com.tr
BONEGRAFT	Healthcare and Life sciences	www.bonegraft.com.tr
Boni Global	Hardware	www.boniglobal.com
Crs Soft	Software	www.crssoft.com
Deka Technology	Software	dekatechs.com
Dene Teknoloji	Communications	www. dene.io
Evreka	Software	www.evreka.co
Fazla Gıda	Software	www.fazlagida.com
Fbt Finansal Bilgi Teknolojileri	Fintech	www.finansbt.com
HangiKredi	Fintech	www.hangikredi.com
HediyeSepeti	Software	www.hediyesepeti.com
IdeaSoft	Software	www.ideasoft.com.tr
Inveon	Software	www.inveon.com
inavitas	Environmental Technology	www.inavitas.com
İnfonal	Software	www.infonal.com
Litum Technologies	Hardware	www.litum.com

Company	Industry sector	Website
	Healthcare and Life sciences	
Meditopia		www.meditopia.com
MENTOR4B	Software	www.mentor4b.com
MİA	Software	www.miateknoloji.com
NETSYS	Communications	www.netsys.com.tr
Nuvia (Cosa)	Environmental Technology	www.smartcosa.com
Obilet.com	Software	www.obilet.com
Odine	Communications	www.odine.com
Optimak STU	Software	www.optimak.com.tr
Patika Global	Software	www.patikaglobal.com
PayTR	Fintech	www.paytr.com
Pixery	Software	www.pixerylabs.com
Procenne	Hardware	www.procenne.com
REM PEOPLE	Software	www.rempeople.com
SahaBT Yazılım	Software	www.sahabt.com
Sipay	Fintech	www.sipay.com.tr
Smartpulse	Software	www.smartpulse.io
Solvia Digital Solutions	Software	www.solviads.com
TEKNASYON	Software	www.teknasyon.com
Teknofix	Communications	www.teknofix.com.tr
TEKROM	Software	www.tekrom.com.tr
Testinium	Software	www.testinium.com
TetraHGS	Software	www.tetrahgs.com.tr
VISPERA	Software	www.vispera.co
Wipelot	Hardware	www.wipelot.io
Yolcu360	Software	www.yolcu360.com

Technology Fast 50 Turkey 2021 Big Stars

This category recognizes the companies that have achieved € 50,000,000 or more in revenues during fiscal year 2020.





Haluk Görgün CEO, ASELSAN



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www.aselsan.com.tr

aselsan

ASELSAN is a company of Turkish Armed Forces Foundation (TSKGV), established in 1975 in order to meet the communication needs of the Turkish Armed Forces by national sources. ASELSAN is the largest defense electronics company of Turkey whose capability/product portfolio comprises communication and information technologies, radar, electronic warfare, electro-optics, avionics, unmanned systems, weapon systems, air defense and missile systems, command control systems, transportation, energy, security, traffic, automation and medical systems.

Today, ASELSAN exports its systems and it ranks 48th in the list of the world's top 100 defense industry companies (Defense News Top 100). ASELSAN, together with the technology emphasis in its vision, has targeted to be a company that maintains its sustainable growth by creating value in the global market; preferred due to its competitiveness, trusted as a strategic partner, and caring for the environment and people. Together with the highly qualified engineering staff within more than 9.000 employees, being the main driving factor of the company's success, ASELSAN allocates 7% of its annual income for self-financed research and development activities.

As Turkey is a member of NATO, ASELSAN sustains its production in accordance to NATO Standards and international military standards for the products delivered to markets. Exporting high-tech systems to 71 countries as a reliable partner, Turkey's leading defense company ASELSAN is increasing its share in global defense and technology markets.





Serdar Toraman CEO, İnnova Bilişim Çözümleri



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www.innova.com.tr

innova

Innova, one of Turkey's leading information technology companies, has been providing competitive, cost, and profitability advantages for the digital transformation journeys of its corporate customers with the innovative solutions it offers since 1999. Innova brings the customer experience to the highest level by providing end-to-end IT solutions with its vision that guides the industry and customer needs. Innova has become stronger with being a wholly owned subsidiary of Türk Telekom in 2007, now continues its journey by expanding with investments in new business lines.

Innova provides services in many areas such as telecommunication, finance, banking, insurance, retail, energy, automotive, production, and service in the private sector, and health, education, transportation, security, and infrastructure in the public sector. Having competence in artificial intelligence technologies, big data, data analytics, IoT, RPA, and fintech, Innova also offers solutions in health informatics and hospital management, network management and monitoring, self-service and smart solutions, document and portal management.

Innova contributes significantly to Turkey's national technology move and the realization of its export targets with 100% domestically and nationally engineered technology products and solutions. Innova maintains a strong presence worldwide by exporting its products and services to 37 countries in 4 continents to date.





Serdar Nuri Tunaoğlu CEO, Karel



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www.karel.com.tr

KAREL

Karel is a leading technology company listed on the stock exchange in 2006 with 3500 employees actively operating in all the processes from designing to production. Karel operates in 4 main categories, especially in Telecom, Defense Industry, Corporate Projects and Maintenance Solution Partnership and Electronics Production. In Telecom industry, Karel designs and develops various communication solutions, mainly IP telephone exchanges, call center, video conference solutions and cloud applications of these technologies, and releases these solutions in Turkey and abroad.

Karel also operates in 5G, IoT, Industry 4.0, automotive applications and cloud technologies, which are also key fields of activity and projects of the company. Exporting products and technologies for over 30 countries, Karel is listed among the top 3 PBX manufacturers in Europe and the top 15 PBX manufacturers in the world. Karel serves more than 700 thousand businesses in Turkey and more than 12 million users worldwide. Products and solutions that have been developed and manufactured by Karel in defense industry for over twenty years are used by the Turkish army and foreign ally armies.

Within the scope of its industrial projects and activities, Karel offers turnkey corporate projects, system integration, equipment supply and Regional Solution Partnership services in the field of telecom to fixed and mobile operators and public institutions and organizations. Karel is the leader Regional Solution Partner in Turkey. Karel has one of the biggest electronic production center in Turkey. Karel designs and produces electronic circuits in the consumer electronics and defense industry.





Mehmet Buğra Koyuncu CEO, Logo Yazılım



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Gebze Organize Sanayi Bölgesi Şahabettin Bilgisu CAd. No:609 Gebze / Kocaeli



www.logo.com.tr



Logo is coding the future together with its customers, business partners, employees, investors and all stakeholders as a company contributing to the sustainable success of its customers. Turkey's largest public software company and the largest local enterprise software company, Logo continues its activities as one of the leading companies in the industry since its foundation in 1984. Logo offers application software solutions to enterprises ranging in size from micro to large corporations.

The company, by increasing innovation and creativity in its products and services, lays the foundation for sustainable success by accompanying many companies so far on their journey of growth, with more than 1,200 employees and 800 business partners in 4 different countries at 7 different locations. In addition to Enterprise Resource Planning, Logo's offering comprises many complementary solutions such as Customer Relationship Management, Human Resources Management, Workflow Management, Warehouse Management Systems, Business Analytics Solutions, Retail Solutions, and

e-Government solutions. It also provides digital transformation consultancy and special project management services. After a series of strategic investments aiming at transferring the know-how and experience gained in the Turkish market to abroad, it continues on the path towards becoming a regional player as one of the industry's leading companies. Logo has been pursuing its firm growth with 39% revenue CAGR (compound annual growth rate) in the last 10 years.





Halil Demirdağ CEO, Smart Güneş Teknolojileri



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Halil Rıfat Paşa Mahallesi, Yüzer Havuz Sok. B Blok Perpa İş Merkezi Sişli / İstanbul



www.smartsolar.com.tr



Smart Solar Technologies, one of Europe's leading integrated solar energy companies operating in the area of turnkey installation services and PV module production offers a wide range of solar energy solutions to commercial and retail users. Founded in 2009 and headquartered in Istanbul, Smart Solar Technologies operates from its offices in Turkey, Germany and Ukraine.

The company's production facility is located on an area of 23,500 m2 in Gebze Kocaeli, Turkey. Smart Solar Technologies produce high efficiency photovoltaic solar panels based on crystal silicon cells for use in field and rooftop solar plants. The highest quality standards are ensured in both standard and glass-glass solar panel production through the use of Multi Busbar, PERC,

Half Cut Cell and Bi-Facial cell technologies on the company's cutting-edge automatic production lines. Smart Solar Technologies' module production factory is located in Kocaeli, Turkey on 23.500 square meter enclosed area and has an annual capacity of 1100 MW.

Meta Women in Tech Award

This award is for companies operating in the technology sector that advocate for increasing female participation and their promotion in the workplace.





Technology Fast 50 Turkey 2021 Meta Women in Tech Award



Aytül Erçil CEO



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Krizantem Sokak No: 28 Levent/İstanbul



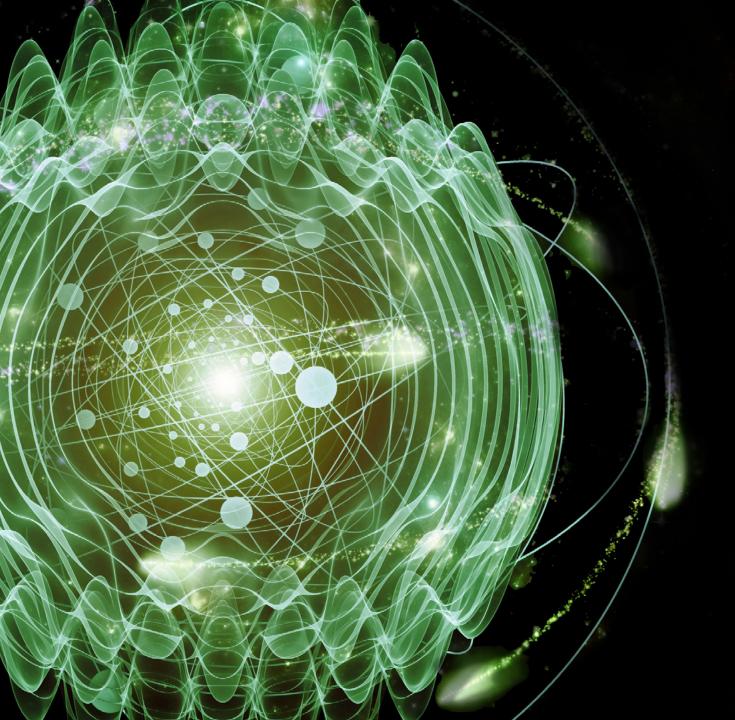
www.vispera.co



Vispera is a retail image recognition and analytics company serving its grocery retailer and supplier clients with business technology solutions for retail execution monitoring, productivity boosting and perfect store enablement, giving businesses a digitized view of their store. Mobile or fixed cameras capture and recognize the products, detect empty spaces and other non-compliance issues and alert the appropriate staff through notifications. Vispera's proprietary image recognition technology is underpinned by Al, machine learning, deep learning and a thorough understanding of retail.

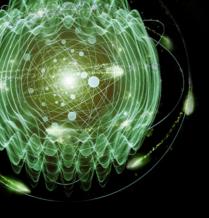
Vispera currently operates in 25 countries with clients like Coca Cola, Unilever, Phillip Morris, Henkel, Danone, etc. Vispera's competitive advantages include technological superiority (Highest accuracy-level in the market), ability to handle any visual compliance task (e.g. presence of umbrellas, waste bins near ice-cream cabinets, etc.), flexibility with image taking in the field (e.g. ability to process images from coolers with doors closed), versatile retail execution KPI engine framework to meet specific client needs,

augmented reality (AR) features in the mobile app to facilitate the process of picture taking in the store, processing horizontal cabinets and hot-zone areas which are unique solutions globally.



Deloitte Impact Award

This award recognizes companies in the technology sector that have the greatest social and environmental impact on our society and the planet.



Technology Fast 50 Turkey 2021 Deloitte Impact Award



Umutcan Duman CEO



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Üniversiteler Mah. İhsan Doğramacı Blv. Halıcı Yazılımevi No:33, 06800 Çankaya/Ankara



www.evreka.co

** evreka

Evreka is a global SaaS company that reshapes the way of managing waste operations in the sustainable world by developing intelligent solutions. Evreka designs digitized and optimized systems with state-of-the-art technology. The waste management market itself has a dynamic and complicated structure. Both public and private service providers in the market have developed a complex infrastructure, as each country, region or city may have different requirements and regulations.

The amount they spend on operations depends on their waste flow, volume, location, geography and local infrastructure.

According to the latest 2019 data, the waste management industry has a transaction volume of 2 billion dollars. The projected volume for 2027 is \$2.3 billion. By solutions promising overall efficiency, Evreka collaborates with waste management firms and local authorities that search for cost reduction, operational excellence, control over assets, and new management skills.

Evreka enhances its solution portfolio and maintains innovation activities to provide the best service to the clients located in more than 40 countries to be more sustainable, smarter, greener and digital.



Technology Fast 50 Turkey 2021 Winners Top 10 Companies



Meditopia



2,124% Growth rate





Fatih Mustafa Çelebi



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Acıbadem Mah. Çeçen Sok. Akasya Kule Evleri No.25/A İç kapı No:85 Üsküdar/İstanbul



www.meditopia.com

Meditopia is a platform that offers content and directions for relaxation, improving meditation practice and a better sleep experience. Our ever-growing content library includes over 4000 meditation practices, sleep stories, relaxing music and inspiring short talks in 12 languages.

Project Name: Meditasyon (www.meditopia.com)
Project Type: Mobile Applications Broadcasting

Platforms: Apple Store, Google Play Store, Web-Website Sales, Meditopia offers personalized content to its 30 million users every day with its special content pool and technology. Contents can be consumed on all Android (version 6.0+) operating system devices and iOS operating devices.

Other benefits we offer to users other than content;

Breathing exercises, Note taking and reading, Goals updated every month and live goals to join with friends Relaxing nature sounds Sleep & awareness alarms, Inspirational quotes of the day, Statistics section where the user can follow their progress, Using offline, Detailed search

2

smartPulse



1,821% Growth rate



U

Önder Akar



+90 530 613 00 05



İkitelli OSB Mah. YTÜ İkitelli Teknopark No:1/Z01 Başakşehir/İstanbul



www.smartpulse.io

smartPulse is the super platform of energy trading which enables power producers, trading companies and aggregators to connect: all energy exchanges, grid operators, power plants, consumers, prosumers, service (e.g. forecast) providers via an end-to-end SaaS platform for algorithmic trading, forecasting, automation of daily operations and for operational monitoring of assets & big consumers, which also includes a in-house developed IoT hardware.

Integration of more and more renewables and also prosumers are transforming power markets into a much more complex structure. Increasing intermittent resources cause high imbalance penalties, which is the difference between planned and actual generation, and is a significant cost for investors. Inevitably, uncontrollable assets such as renewables require continuous monitoring, forecasting, and trading activity. smartPulse is designed to address this problem.

3

Mentor4B



1,690% Growt rate

4

Bites



786% G

Growth rate





Mehmet Çavuş



+90 850 888 88 80



ODTÜ Bilişim ve İnovasyon Merkezi -Mustafa Kemal Mah. Dumlupınar Blv. No: 280 G/1260 Çankaya/Ankara



www.mentor4b.com



Mentor4b manufacturers autonomous solutions with its accredited co-production models. It offers e-transformation solutions especially for production-based industrial investments by developing technologies with entrepreneurs or machine manufactures accepted into the ecosystem. It transforms the classic production machines made with existing mechanical methods for industry 4.0 and above manufacturing technologies and creates e-systems that make autonomous production. First, we examine the candidate industrial investors or machinery manufacturers who come to us. Then, we reveal their technological deficiencies for IoT, Autonomous, and efficient production, which is sectoral. Once the solution is accepted, we start R&D with them. As they sell machines, we sell our software and electronic cards in their machines. In summary, they do what they know best, and we produce the best e-transformation solutions for them. This win and win system also causes a serious economic transformation.





Uğur Coşkun



+90 312 210 12 56



Mustafa Kemal Mah. Dumlupinar Blv. No:280/G 411-412-413-414-415 PK 06530 Çankaya/Ankara



www.bites.com.tr

Established in İstanbul in 2001 BİTES Defense & Aerospace Technologies is a national hightech focused Defense Industry and Information Technologies company, currently continuing its activities in Ankara. In 2019, ASELSAN became a shareholder with 51% of the equity. With a strong and dynamic team consisting of nearly 400 people, BİTES keeps developing new technologies and solutions for various industries. The company's primary focus is on nextgeneration technologies, such as Augmented Reality and Image Processing, Artificial Intelligence, Modeling and Simulation Technologies, Avionic System Software, Safety-Critical Embedded Software and Cloud Technologies. BİTES ranked among "Fastest Growing Technology" Companies of Turkey" and was granted "The Deloitte Fast 50 Award" for 3 consecutive years. In 2020, the company became one of the top 10 companies that make the most R&D expenditure in Turkey in the Software and Information Technologies sector and ranked among the top 50 companies in all sectors. For 20 years, our company has been offering high-quality solutions and services that create added value for its customers and business partners. Using the latest technology, our aim is to provide a competitive advantage to our partners and clients. Developing software-intensive systems and technologies with its highly qualified team, BİTES keeps working with determination and passion to create added value for our country, and aiming to offer its innovative products and solutions on a global scale.

5

TetraHGS



779% Growth rate





Kamil Apaydın



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GTÜ Teknopark, Cumhuriyet Mah. Şişecam Yolu Sk. Teknopark Sit. İdari ve Arge Binası Apt. No:42/1 Kocaeli



www.tetrahgs.com.tr

Tetra HGS, as leading electronic toll collection company in Turkey, we offer solutions that fits best to our partners in ETC field. The solutions meet all requirements related to Tollgate, Integration, Single/Multi-Lane Free Flow, Speed Enforcement, AVC & OCR, Car Park and Congestion Charging. Constantly rising traffic requires crucial action to build a system of high-tech roads.

Our Single/Multi-Lane free flow tolling solutions generates revenue with high Return on Investment(ROI) that covers capital and operating expenditures while ensuring fast and efficient flow of traffic.

Our in house design lane controller systems works flawlessly with worldwide known operating systems and databases. We have already proven ourselves by going far beyond expectations for our partners and continues developing.



Fazla Gıda



769% Growth rate





Olcay Silahlı



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Levent Mah. Gazeteci Ümit Deniz Sok. No:11, 34330 Beşiktaş/İstanbul



www.fazlagida.com

Founded in 2016 by Olcay Silahlı and Arda Eren, Fazla Gıda is a technology-based holistic waste management company with the mission of halving food waste generated carbon emission by 2030. As an impact oriented start-up, Fazla Gida provides a digital infrastructure and ecosystem to its customers to manage their surplus products with the maximum economic, social and environmental value. Fazla Gida offers holistic waste management solutions according to Food Recovery Hierarchy covering all the stages of the hierarchy including secondary sales of surplus products, donation, animal feed and biogas conversion. In this way, any unsold inventory creates value for owners, buyers, people in need and planet. On top of holistic waste management system, Fazla Gida also develops new products to expand its food recovery impact. The company has a consumer app called FAZLA which aims to rescue excess production in HoReCa sector, a smart scale system called Sensa-T which aims to track, analyze and decrease waste generated in professional kitchens and retailers and a cold chain tracking system which aims to avoid any cold chain breakage causing food loss. Fazla Gida works with more than 50 international and national customers and has saved 20.000 tonnes of food so far. preventing 65.000 tonnes of carbon emission. 1.1 million people in need receive regular food donation with Fazla Gida's operations.



NETSYS



732%

Growth

Litum Technologies



585%

Growth





Semih Yüksel



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Levent Mah. Çayırçimen Sok. Emlak Bankası Blokları A2 Blok D27 Beşiktaş/İstanbul



www.netsys.com

Aiming to add a different point of view to the education and consultancy services in the field of Information Technologies; Netsys was founded in 2017 by a team with over 15 years of experience in project development and consultation for hundreds of corporate companies; also with experience in providing educational services by organizing more than 10.000 individuals. Purpose of Foundation

- To determine the training needs of institutions and individuals and to contribute to their development,
- To respond to the technical needs of the organizations in the field of Network and Security,
- By providing consultancy when the needs of our business partners are in place; presenting the right solutions to our clients and together delivering results to their end customers,
- With our expert team members believing universal power of sharing in every subject; To provide support and share necessary information to be able to reduce expert gap in IT sector expected in coming years.





Özgür Ülkü



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Kültür Mah. Şevket Özçelik Sok. No:29 Konak/İzmir



www.litum.com

Established in 2004, by a group of visionary engineers, Litum® helps businesses transform their operations with a single goal in mind: increased safety & efficiency. Through extensive research and development, Litum designs and manufactures its entire solution portfolio, with main divisions being Industrial IoT, Healthcare RTLS, Passive RFID, and Software Applications. Today, through its large network of partners, Litum provides solutions across the globe in diverse environments, including Manufacturing, Healthcare, Logistics, Aviation, Mining, and Construction. Litum solutions are utilized by industry leading firms such as Fortune 500 companies as well as governmental establishments and agencies in more than 45 countries around the world. Company references include General Electric, BOSCH, Whirlpool, Schneider Electric, Fiat, Medina Airport, Ferrero, MAN, Metro Paris among many others. Litum is a government certified R&D center and 92% of its revenues are generated by the sales of the products that are built on company's R&D projects. Some examples of the awards Litum has been granted in the past years are the "Best Tech Company" award by Izmir Technology Institute, 2018; a spot in "Fast 50 Turkey" by Deloitte, 2019 and 2020; a recognition for innovation in health & wellness by a bronze Stevie Award in 2020 and finally Litum was named the silver

winner for best innovation in IT at the IT World Awards 2021 by The Globee Awards.

9

Deka Technology

Deka Technology



565% Growth rate

10

Boni Global



518% Growth rate



Birol Kabakoğlu



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Aydınevler Mah. Durak Sok. No:3-5 Ofis in Maltepe A Blok İstanbul



www.dekatechs.com

Deka Technology, started in Istanbul as a small company with the desire for being the best in its area, is here for companies around the world since 2009. As Deka Technology, we are a multi-disciplinary partner company and we offer our customers consulting and development services in every technology related area they might need. Full range of services for related companies is the basis of our services provided by our experienced and reliable team. Deka Technology's team established with around well educated, skilled and minimum 10+ years experienced undergraduates and graduates from leading universities in Turkey and abroad. With the help of innovative and creative solutions in the fields of information and communication technologies, Deka Technology offers system integration, technology services and solutions to service providers and institutions in the national and international markets with a talented team who are highly experienced and skilled in information and communication areas. For our customers to achieve better efficiency, higher sales, and lower costs; we share our knowledge and experience to help them use the performance, reliability, accessibility, scalability features of IT Infrastructure in the best possible way. By using our specialized help and consultancy services, companies from everywhere can achieve their full potential and execute successful and effective projects. We provide a wide range of solutions and services for both domestic and foreign telecommunication, finance, insurance, automotive and general business companies.





Anıl Sarper Sılaoğlu



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www.boniglobal.com

Boni Global was founded in 2011 at Istanbul Technical University, with a strong ambition to improve indoor wayfinding and accessibility. Loud Steps mobile application was developed for this purpose and includes indoor map and voiceover navigation in public spaces. Loud Steps was successfully implemented in more than 20 locations in Turkey and worldwide. In the beginning of the COVID-19 pandemic, Boni Global directed its development efforts to create a solution to protect frontline workers against the risk of transmission at work. The solution includes Bluetooth devices that track proximity and warn the wearer when they are near another worker, taking the guesswork out of social distancing. The devices also record risky interactions making it easier to trace contact and correctly isolate people who may be infected. The solution was implemented in leading industrial facilities in Turkey, reducing COVID-19 related workforce by 44%. Boni Global expanded its offerings to include other location-based IoT solutions for industrial facilities, improving worker safety and operational efficiency. Lone Worker Safety, Emergency Roll Call and Restricted Area Control modules were added to the Pandemic Safety solution to expand usage areas using the same technology infrastructure. To further improve safety, Collision Avoidance Module was developed to prevent accidents between forklifts and people. Asset Tracking solution was developed to improve internal logistics and production by tracking critical assets used in production. Operator Login solution was developed to improve visibility of employee productivity. 21



Technology Fast 50 Turkey 2021 Winners Profiles*

*Winner companies excluding top 10, listed alphabetically.



"Your Solution Partner"

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- www.32bit.com.tr



- Koray Karataş
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- ODTÜ Teknokent, Galyum Blok, Kat:2 No:1 Çankaya, ODTÜ
- www.akakce.com

32bit



Fintech

Since 1988, 32bit uses its domain and technology know-how to navigate its clients through their digital journey. 32bit's solutions and services are the customers' choices in more than 25 countries to enable their digital transformation. 32bit provides solutions and services in two verticals: fintech and digital transformation. 32bit branded fintech solutions optimize treasury and risk management operations by integrating real time market data, post-trade and deal data to target systems seamlessly. 32bit's fintech solutions help organizations to improve back-office efficiency and automation as well as enable monitoring and reporting for auditing and regulatory compliance.

32bit provides next-gen digital transformation solutions and services for a range of industries, including finance, insurance, manufacturing, and retail.
32bit uses the power of AI and ML combining them with BPM, RPA, computer vision and emerging technologies to help its clients adapt to the digital world and achieve hyperautomation. 32bit has crafted business partnerships with the leading global technology providers such as IBM, Refinitiv, Bloomberg, FIS and Automation Anywhere. Partnering with the top technology providers allows 32bit to offer its customers a range of products, services and customized solutions.

With its quality consciousness and creative mindset, 32bit is moving towards becoming a global R&D organization.

Akakçe Bilgi Teknolojileri



Media & Entertainment

Akakçe is the leading comparison shopping platform in Turkey since its start in 2000. Akakçe aims to provide Turkish shoppers with state-of-the-art experience utilizing its proprietary technologies and continuous innovation.

Akakçe's web site and mobile applications support over 25 million shoppers every month. Shoppers can find detailed price, specification and location information for hundreds of thousands of products. To do this, Akakçe crawls over 1000 online shops as well as thousands of marketplace sellers every few hours. For online merchants, Akakçe is one of the most important referral sources.

In 2013, Japan's Netprice group has made a strategic investment in the company. Akakçe is located in METU Technopark in Ankara and has an office in istanbul.





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- YTÜ Davutpaşa Kampüsü Teknoloji Geliştirme Bölgesi Çiftehavuzlar Mah. Eski Londra Asfaltı Cad.No:151/1E, D2 Blok, Ofis No:1B-10 Esenler-İstanbul
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Aktek Bilişim



Software

Aktek was established in 2007, initially to provide IT support for the Akkök Group including ERP implementation, system management and various back office applications. In time, Aktek became a strong technology company that provides IT support more than 100 commercial organizations.

Aktek is an IT integrator company. Our products and services may be applied to many sectors or areas where IT solutions are needed. Aktek can provide end to end solutions for IT needs of its customers, also it can provide a part of an IT service where needed.

Aktek was in the 94th in rank of IT 500 list in Turkey. Nowadays, Aktek has become a reliable digital business partner for companies. Aktek, was awarded the ISO 9001:2015 and ISO 27001:2017 certifications.

Anova Arge



Environmental Technology

Founded in 2003, Anova is a group of companies that provide services to all sectors related to R & D activities, especially defense industry, and to reduce the dependence on foreign products with original products and localize sub-systems.

Anova ODTU Teknokent Headquarters, carries out the production of its products in its factory in Sincan OSB. With 100% domestic capital, Anova is able to offer more than 100 engineers and mechanical / electronic design, simulation and production services in an integrated manner, and locates critical / strategic products and subsystems with testing and qualification experience.

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Apsiyon



Software

Apsiyon provides professional and digital solutions to collective living space managements such as apartments, sites, residences and business centers, and ensures complete and practical management for all living spaces. In addition, with its mobile application developed for the site residents using Apsiyon, it enables to easily make and follow all transactions. Thus, it makes the life easier for the site residents using Apsiyon.

Architecht



Fintech

Architecht Information Systems and Marketing Trade Inc. was founded in 2015 as a full subsidiary of the leading participation bank of Turkey, Kuveyt Turk Participation Bank Inc., and operates in the technology and finance sectors. Architecht's areas of expertise are financial technologies; open banking, core banking, supplier financing, security technologies, alternative channel solutions, software development, support and consultancy services, as well as banks, telecommunication companies, technology companies, and private pension companies.

Architecht aims to become a brand with a global business volume by enriching the client portfolio in Turkey, MENA, Europe, Asia, and America by using innovative technologies in financial technologies, developing competitive and effective products on the market conditions. Having the vision of being a company that builds platforms that connect the financial sector all over the world, Architecht continues to work rapidly with the mission of producing global and innovative technology products in financial technologies.







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ARD Bilişim



Software

As one of the leading companies under the roof of ARD GROUP HOLDING, ARD Bilişim has been carrying out its activities in Hacettepe Technocity since 2011. With its fast-growing and developing structure, ARD Bilişim is one of the few Turkish Companies listed in the Deloitte's Technology Fast 50 thanks to the its accomplishments in a row since 2016. Dealt in Istanbul Stock Exchange, ARD Bilişim has risen up to the Star-Market within a short period of time in line with its powerful capital structure and the vision it has, thus being included in the BIST (Istanbul Stock Exchange) index, where 100 leading stocks rank among in terms of both its market value and its transaction volume. FOLLOWINO projects, as the Artificial Intelligence Based Epidemics Prevention System brought into action within the scope of the fighting against Covid-19 pandemic, is not only the product of ARD Bilişim's broad experience and its national/international capabilities, but it is also the first TÜV-certified Epidemics Prevention and Social Distance Controlling System across the World. Having been granted with World-class quality certifications and documents, ARD Bilişim carries on doing business with the public and private sector enterprises & institutions in Turkey, along with the world's giant companies in the international arena, by means of providing services on system integration and cloud solutions, and also the software units on R&D, national law, healthcare, cyber security, smart Technologies developed with its leading expert personnel and innovative service approach.

Bergnet



Software

Logo Siber was founded in 2013 in order to provide cyber security solutions to small and medium enterprises (SMEs) in Turkey The first product of Logo Siber, Berqnet firewall/unified threat management (UTM) devices, was released in 2015. Berqnet is a hardware-based solution that sits between the IT infrastructure and the Internet and it is Logo Siber's exclusive brand Berqnet's products fulfill the network security and network management requirements by securing every endpoint of a network, from laptops to virtual desktops and servers, to web and email traffic and mobile devices.

- Berqnet produces new generation Firewall that protects businesses with internet access from cyber-attacks. It also prevents employees' use of the internet in violation of the business policies in a way that reduces the work efficiency on the internet. If you are a public or a private business that uses the internet you need Bergnet Firewall.
- Berquet continues its works with 35 years of experience of LOGO Software, which is Turkey's largest publicly-traded software company. Within this scope, the processes in business partner management, marketing and sales channel management, including also various core processes such as identifying target markets, product management, software life cycle, quality processes, have been digitized. It has very strong support and service network across Turkey and global.





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Birleşik Ödeme



Fintech

As the first and unique fintech service platform provider (Fintech as a Service-FaaS) company of Turkey; we offer channel and product-based infrastructural solution suggestions as a strategic solution partner in the transition process of institutions to digital finance.

As we minimize their costs, we create new income items for them and provide that they increase their existing productivity and speediness at the maximum level. In parallel to this vision, we offer institutions solution suggestions in 5 main categories: the digital wallet, the virtual or physical pre-paid card, domestic and cross border money transfer, online/offline collection, and kiosk/smart safe solutions.

BONEGRAFT

BIOMATERIALS ———









Bonegraft



Healthcare and Life sciences

A pioneer in healthcare solutions, based in Technology Development Center of Ege University, İzmir and Manisa Industrial zone, Bonegraft Biomaterials Corporation develops, manufactures and commercializes innovative synthetic bone graft, barrier membrane, bone cement and cartilage graft technologies in its 300 hundred square meter ISO-7 and ISO-6 clean room laboratories. Bonegraft Biomaterials initiated its research and development activities with synthetic bone grafts in 2013 and all of Bonegraft's products has been CE certified since 2016 where we conform the requirements of the European Union quality standards. Bonegraft Quality Management System is adapted to ISO 13485 and ISO 9001. Bonegraft currently is one of the world leader company that offers maximum different forms of osteoinductive and osteoconductive synthetic bone graft materials, barrier membrane, bone cement and cartilage graft. Bonegraft's products are routinely used in orthopedics, trauma, spinal and dental surgeries. Biocompatibility and clinical efficacy of Bonegraft's products has been proved by in vitro, in vivo and clinical studies conducted on spinal, orthopedic and dental applications. Bonegraft highly qualified quality assurance team has already started transforming all technical documents according to Medical Device Regulations (MDR). Bonegraft has now captured over 40 percent of the local market and penetrated to more than 48 countries worldwide ensuring rapid delivery with efficient after sales support. Bonegraft is and will certainly continue to provide high quality, competitively priced biomaterials for Maxillofacial Surgeons, Periodontists, General Dentists, Orthopedic, and Neurosurgeons.



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Crs Soft



Software

Crs Soft® is an international technology company that delivers high quality software solutions and services. Having experience in developing software with using state-of-the-industry technologies Crs Soft® puts its customer into a strong market position. As a provider of niche solutions and services to ISVs and enterprises who develop their own software product, Crs Soft® help companies to take advantage of the digital transformation, moving services to the cloud, where the vision has no limits for scaling. By gaining valuable experiences, Crs Soft® has become a great partner for Cloud, Web Application Development or Framework Development. Beside these software services, Crs Soft® provides e-Transformations Services with e-dünya® brand as one of the leader integrator of Turkish e-transformations sector. e-dünya® includes services such as e-Invoice service provision, e-Invoice archival, e-Archive, e-Ledger and e-ticket which are regulated by Turkish Revenue Authority. Crs Soft® is a company who focused on contributing its expertise to some of the most outstanding visions, projects and challenges of its clients. Aiming for the future vision, it continues its work on research of subjects that will drive the future of technology such as Quantum Computing Algorithms, Cryptography Algorithms, Big Data Processing, IOT and M2M.

Dene Teknoloji



Communications

Dene Technology was founded in 2016 to be a hardware partner for companies developing IoT projects. In the first years, the company specialized in Single Board Computer based IoT projects. This expertise has created an opportunity to be a product company instead of a service partner. After this awareness, Dene has focused on developing and manufacturing cellular connectivity hardware and software products for single board computer-based IoT projects.

Our product range covers all 3G/4G/LTE-M/5G cellular connectivity technologies for single board computers. We established our Freezone production facility in 2020 since we export almost all of our productions to the US and Europe.

We are 15 happy big dreamers and work hard to be a market leader in our niche.







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Evreka



Software

Evreka is a global SaaS company that reshapes the way of managing waste operations in the sustainable world by developing intelligent solutions. Evreka designs digitized and optimized systems with state-of-the-art technology. The waste management market itself has a dynamic and complicated structure. Both public and private service providers in the market have developed a complex infrastructure, as each country, region or city may have different requirements and regulations. The amount they spend on operations depends on their waste flow, volume, location, geography and local infrastructure. According to the latest 2019 data, the waste management industry has a transaction volume of 2 billion dollars. The projected volume for 2027 is \$2.3 billion. By solutions promising overall efficiency, Evreka collaborates with waste management firms and local authorities that search for cost reduction, operational excellence, control over assets, and new management skills. Evreka enhances its solution portfolio and maintains innovation activities to provide the best service to the clients located in more than 40 countries to be more sustainable, smarter, greener and digital.

Fbt Finansal Bilgi Teknolojileri



Fintech

FBT specializes in market making, trading systems and distributed exchange on blockchain platforms. The company was founded in 2015 in Yildiz Technical University Technology center with techno-initiative capital support program by the ministry of technology and industry.

The research projects are supported by the National Science foundation and the research and products are fast option price calculation price calculation strategy execution platform, high frequency algorithmic trading execution platform, decentralized atomic exchange system on blockchain and financial modelling and strategy development with deep learning libraries.

The company has experienced engineers which includes PhDs in Finance and Computer Engineering.



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HangiKredi



Fintech

HangiKredi, Founded in 2006, is Turkey's leading platform in credit comparison category. HangiKredi is a comparison site that touches one out of every two people searching for credit on the internet, visited by 150 million people in 2020 and serves 45 million people. Offers of more than 20 banks can be easily compared and can be applied safely. In addition to credit comparison, it also provides the opportunity to compare and apply in other banking products such as credit cards, deposits, insurance, payment system, credit score calculate and internet services. HangiKredi joined the iLAB Holding one of the most important investment companies of our country, in 2010. There are many companies in the İLAB Holding portfolio such as Kariyer.net, Sigortam.net, Emlakjet.com, Arabam.com, Neredekal.com, Steelorbis, Chemorbis, Cimri.com. Our vision as HangiKredi is to understand our customers and their needs and to ensure their maximum satisfaction with the fastest and most accurate solutions. HangiKredi aims to enable its users to save time and money and to be their financial solution partner. HangiKredi, which continues to work on financial products, continues to grow with its expert staff and strong technological infrastructure.

HediyeSepeti



Software

HediyeSepeti is a technology-based personalized gifts platform. The company's goal: to provide unique, high-quality products for every person on earth with same-day shipping! With a customer-focused approach, we are able to provide customized products in less than two hours.

HediyeSepeti created its own technology to make this delivery time for customized orders. While the customer is at the moment of ordering, customization messages, photos, logos, etc., which are entered privately, enable the printing file to be created by the technology. This file sends directly to the machine as a print without the need for the touch of any graphic designer.

Thanks to this technology, with a team of 70 people in an operation centre of 5000 square meters, hundreds of thousands of orders can be sent to more than 100 countries with the same day cargo opportunity every year.

ideasoft

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IdeaSoft



Software

Ideasoft, founded in 2005 by Seyhun R. Özkara, Fatih Calişkan and Kerem Kaya, is a leading e-commerce software provider in Turkey. Ideasoft E-commerce Software Platform is used by individuals and businesses.

More than 13000 users utilized Ideasoft E-commerce Software Platform to sell their products and services online. Ideasoft E-commerce Software Platform is complemented by e-commerce consultancy, designs and training / support services to clients. Ideasoft delivers exceptional customer service with the help of in-house developed IdeaCRM. Ideasoft designs and develops all software architecture with its in-house R&D team.

Inveon



Software

Inveon is a technology company that provides enterprise e-commerce software platform and digital growth management solutions. Through a unified and scalable digital commerce presence with sustainable growth, the company leads enterprise companies towards the future of commerce since 2006. With its robust enterprise digital commerce platform, Inveon enables customers to adopt a competitive standpoint towards the future on a global level. Moreover, in order to help companies achieve their e-commerce potential, Inveon offers digital growth management solutions. Inveon re-invests a significant amount of its earnings in R&D initiatives to improve its products and develop new solutions. Today, the total annual e-commerce volume generated by companies using Inveon solutions exceeded a total worth of \$1 billion. Inveon platforms are used by more than 70 million shoppers in 15 countries. Inveon ranks in Deloitte Technology Fast 50 list for 4 consecutive years since 2017. In addition, Inveon is the first and only company from Turkey to be named in the list of Fast Company's 100 Best Workplaces for Innovators in the world.





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Inavitas



Environmental Technology

Inavitas was founded in 2012 with the aim of making life on earth more sustainable for everyone by intelligently monitoring, managing, and saving energy for a 100% renewable future with the power of digitalization and smart technologies. We are a cutting-edge energy intelligence platform for utilities, renewables, businesses, and homes, enabling energy savings by eliminating wasted energy and managing demand in consumption, increasing revenues by boosting generation and operational efficiency in distribution. We work with lifelong partners worldwide, offering them the opportunity to market comprehensive energy management and monitor solutions to instantly help their customers manage and save their energy. With our highly motivated and experienced team worldwide, we focus on IT and OT, leveraging seamless harmony between hardware and software in utility, renewables, commercial and residential markets. Our deep understanding of electricity distribution operations places us in a unique position. It also gives us a perspective to understand the intricacies of integration orchestrating the distributed energy resources, including production, storage, and consumption. We are a market leader in utilities, with 20+ distribution customers, a 1.3 GW + renewable portfolio with a strong determination to increase the number of happy customers by the power of relentless innovation and invention. Today, inavitas is a global brand with established branches in Australia, India, and Turkey. Our customers worldwide can monitor, manage, intelligently save their energy and position themselves to become aware and ahead with inavitas.

Infonal



Software

Infonal is a technology services and IT consultancy company providing enterprise software architecture and domain specific know how. It is a high-end consulting firm focused on providing enterprise-level consultants in the banking and ecommerce markets.

By the help of industry expertise, Infonal delivers a competitive advantage by delivering customized solutions to meet specific customer needs. Our approach, based on industry standards and methodologies, allows us to architect and develop software, uniquely designed to address customers specific challenges.





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MİA Teknoloji



Software

MIA Technology Inc. is an R&D, Innovation, Software Development, Integration and Solution Provider company located in Technology Development Area. The company focuses on the information infrastructure needs of both public and private organizations and develops tailor-made system solutions. MIA Technology was established in 2006 by 3 Computer Engineers and continues to develop with 15 years of industry experience. CBD employs more than 70 personnel, more than 60% of whom are in the field of R&D and innovation. The company, which offers systems working in many points of Turkey with the principle of tailor-made system development and productization, produces instant solutions to problems with the support of the 24/7 call center it provides. MIA Technology employs highly trained engineers in many fields to conduct research and develop projects, as it attaches importance to R&D studies with its increasing experience. Along with its many teams such as Sales, Support, Business Development and Finance, it continues its business life by developing and growing with people who are always up-to-date and experienced in their fields. MIA Teknoloji, which opened its branch in METU Technopark in December 2020, continues to be a member of many clusters, especially the Teknokent Defense Industry Cluster (TSSK), in order to step into new business networks and new collaborations. The ability to reach university laboratories and collaborate with academic staff on projects makes MIA Teknoloji a sustainable company.

Nuvia (Cosa)



Environmental Technology

Nuvia is Turkey's leading residential energy management company. The Company's consumer product Cosa (smartcosa.com) offers smart thermostat and radiator valve products directly to consumers and was developed to reduce consumers energy consumption & bill by an average 37%.

As an IoT solution platform Nuvia Energy Management offers a customized and white-label solution to provide hardware, connectivity, user application and services for end-to-end control of various heating and cooling systems in residentials serving through HVAC manufacturers and energy utilities.

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Obilet.com



Software

As an end-to-end ticketing platform listing hundreds of bus operators and airlines, Obilet serves its users on a full-service model with direct booking and customer service. Although widely known among the region for its blockbuster travel ticketing app, Obilet's real distinction lies in its SaaS-powered business model. The company provides the best-in-class Inventory Management System (IMS) to bus operators with 24/7 technical support, creating a lock-in effect on the supplier side. Obilet also plays the GDS role for other OTAs by leveraging the portfolio of bus operators using its SaaS, capturing an alternative revenue stream opportunity. Obilet is the market leader in Turkey both in B2B and B2C segments with 300+ bus firms using its SaaS product, 15 million visitors per month, and millions of app downloads. In July 2021, Obilet further strengthened its market-leader position by acquiring Biletall, its chief B2C and B2B competitor, which since the 2000s had played a pioneering role in the digitalization of Turkey's travel industry. Although Obilet had stolen the top spot from Biletall in 2016 on the B2C side, Biletall nevertheless retained its leading position at B2B coverage. Now, the combined entity uniquely has full route coverage in one of the world's largest bus markets, and arguably the biggest in Europe. Despite being a traditionally offline-based market, the online rate in ticketing has quickly reached 25% and is consistently growing at a rapid rate. Obilet is the leading contributor to this trend with 3-digit growth rates every year. Obilet is now targeting to export its success-proven business model to other similar markets.

Odine



Communications

Odine is a leading Systems Integrator focusing on Tier-1 Telecom Core & Edge Network Function Virtualization with unparalleled expertise in production deployments of private & hybrid Telco Clouds. Odine also owns and manages a private cloud infrastructure built on Odine Nebula® and Odine Orion® enabling a powerful suite of intelligent wholesale voice business management applications as PaaS/SaaS offerings for CSPs, Wholesale Voice/Data Aggregators and MNOs in 36 countries through regional POPs located in the USA and UK. Odine Nebula® our Platform as a Service, bundles Odine Orion® our suite of intelligent wholesale voice business management applications which provides flexible policy-driven routing, route optimization, offer management, rating, billing, number portability, technical and business reporting & analytics, as well as dispute management, with best-of-breed SBC, TDM/SIP Interworking, and Transcoding services. Through comprehensive software and professional services, Odine seamlessly builds, manages, and operates virtualized networks in a multi-vendor environment running on various transmission technologies in fixed and mobile networks. Odine builds defenses essential to helping operators and CSPs detect and block external threats and operate their networks with committed SLAs. With regional offices in Istanbul, London, Prague, Dubai, and Lahore, Odine's geographical presence, experience, and cultural fluency act as a bridge between the Americas, Europe, and Asia, while uniquely serving emerging markets across Africa.





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Optimak STU



Software

We are a Turkish company based in Sakarya (about 130 km away from Istanbul) manufacturing end of the line machinery. In Optimak STU, we had developed, produced and commercialized end of line machinery. The machines and systems we design and produce are used in a wide variety of sectors.

This ranges from different industrial sectors such as food, beverage or any products and also chemical industries like cement. Our team of highly qualified technical salespeople. We take an interest in your problems and constraints, and are available to help you to develop the end of line machinery.

Our commitment is to provide an efficient and timely service to our customers and collaborators so that they can rely on the solutions we offer and consolidate the commercial relationships over time. We are specialized in:

Conveyor System, Industrial Stretch Wrapping Machines, Automatic Box Filling Systems, Robotic Applications, Solar Energy Systems as well as complete automation of new or existing production lines and customized solutions for all industries for Food and Beverage, Chemistry, Medical, Cosmetics, Construction, Textile, Machine Parts, and other fields.

Patika Global



Software

As a technology consultancy and solution provider, Patika Global Technology focuses on providing solutions to corporate companies. We have been providing service since 2011 by analysing current technologies, defining new development areas and the most appropriate methods for application, thanks to our know-how and technologic competence. We have been successfully carrying out our mission as a guide and implementer within the digital transformation journey of companies for years, enabling our corporate clients to adapt the technological innovations.

The power of software cannot be denied in the digitalization of companies. ERP (Enterprise Resource Planning), is a software product allowing an enterprise to manage all operational activities digitally and electronically. It helps with the integration of business processes with each other and synchronizes the management of all these processes. By all these means, it constitutes an important part for the modernization and digitalization of the companies.

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PayTR



Fintech

PayTR, which was established by Turkish Engineers in 2009 and authorized by the CBRT, with over 12 years of knowledge and industry experience, strong infrastructure, customer-oriented approach and experienced teams, provides Virtual POS, Fraud Prevention, Pay By Link, B2B Collection, Secure Card Storage, Marketplace, Mobile POS, Selling With Multi Currency, Digital Wallet and Subscription Management Services more than 55 thousand workplaces.

It guarantees payment security and ensure that websites and their customers are safe 24/7 with it's SSL-certified pages and PCI-DSS compliance, artificial intelligence-based Anti-Fraud & Fraud Prevention services, expert risk teams and advanced infrastructure.

PayTR, which signed an investment partnership agreement with Turkey's largest equity fund Actera in 2021, also started to offer electronic money services by obtaining an electronic money license with the approval of the CBRT in last June.

Pixery



Software

Pixery is a global tech company building next generation mobile apps for next generation mobile creatives. With two R&D offices in Istanbul & Ankara Pixery develops tools used by millions of people.

Pixery's first app Funimate is the fastest and easiest way to make awesome music videos with never before seen effects. Using a groundbreaking tech, Funimate packs capabilities earlier only possible in complex video editing software, in a very responsive and playful app.

Funimate was featured by Apple as a "Best New App", selected among "Best of 2016" and "Editor's Choice" by Google. Impresso is the easiest way to create video ads for social media.

Featuring more than hundred video templates suitable for every occasion, creating a professional looking video is a breeze. Impresso was featured by Apple at its launch and was recently featured at the "Today's Picks" globally.





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<u>rem</u> people

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Procenne



Hardware

Procenne Works for the Best! Procenne produces "Simple, Stable and Secure" products and solutions for mobile application security, e-mail security, database and file security, KVKK (GDPR) infrastructure security, SSL termination and digital transformation projects in the field of digital security. Established in 2013 headquartered in Istanbul, Procenne manufactures high-tech products that are critical in the digital security market.

Procenne, which is also an R&D center, is the manufacturer of Turkey's first commercial Hardware Security Module, ProCrypt HSM device. ProCrypt is a hardware security module that performs key management operations such as generating, storing and spreading keys used in encryption processes at high speed. The product, whose R&D studies started in 2013, became a commercial product in 2018 and received its international certificates, the Common Criteria EAL4+ certificate, in 2019 and PCI HSM V3.0 certificate in 2021.

Procenne continues its R&D studies to add new members to the ProCrypt family, which is its locomotive product.

REM People

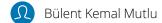


Software

REM People is a new generation retail analytics company that provides Al-Powered Omni Channel Retail Execution Management Solutions. With our holistic approach, we help our clients to track their "product journeys" by monitoring retail merchandising operations & execution performances in offline, online and, printed channels.

Besides offering 3 SaaS Products in the Retail Execution Management vertical, we also provide Al-Based Advanced Analytics and On-Demand End to End Services.





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SahaBT Yazılım



Software

SahaBT is a strong information technology company that provides business consulting, information technology, and outsourcing services to distinguished clients across a wide range of industries.

SahaBT offers efficient and effective planning of complex business processes for corporate customers, provides optimum solutions for operational needs with talented resources in short period of times and maintain high customer satisfaction.

SahaBT design and build applications from scratch or upgrade existing app functionalities as part of digital transformation projects. We can accommodate any custom project specifications. Our highly skilled expert team of developers & testers collaborate with our clients in a short period of time to build success together. We serve our customers in emerging technologies such as Java, .Net, IOS, Android, React, Angular, Vue.js, Blockchain, Business Analytics, RPA, Al and so on.

Sipay



Fintech

Finance and technology has been challenging traditional banking value chains for guite some time. Today's financial needs are guite different from before.

Based on this reality, Sipay aims to provide a personalized and intuitive user experience in the field of fintech. With its new generation technology infrastructure, Sipay brings together under one roof the digital wallet infrastructure, transactions with or without cards, money orders, mobile operations, and all other alternative payment methods. Also Sipay provides all financial expectations of the new era by transforming leading companies operating in other sectors into fintech companies with a single integration.

In our communication strategy, as a young and innovative FinTech company, we aimed to reach best user experience and create a brand that gives confidence in this direction.

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Solvia Digital Solutions



Software

As Solvia, we are a qualified team that implemented many global projects about enterprise software. From our offices in İstanbul, Darmstad and Züric and with more than 350 consultants we implement SAP, Signavio, Vistex products and in addition to those solutions, our R&D team works on delivering integrated products that fills the gaps between current solutions and customer needs. We have signed many "first" projects, locally and globally, and we continue to do so.

We are a part of continuous development and the traces of technological developments show that; the digitalization process around the world offers many reasons for new collaboration opportunities. In an age where digitalization is at the heart of market adaptation, we continue on our way with our excitement to be the driving force of businesses.

Teknasyon



Software

Teknasyon is an innovative, growing and enhancing company which invests in the work, the research and development and most importantly the employees. In Turkey, Teknasyon is a pioneer in its field and represents its country very well globally. Behind all this success, hard work and perseverance lie. Our story dates to 2013 when we were founded. At the beginning, we had one office and a team of 12 people. In time, we grew and joined new members to our team. Now we are a big family of more than 400 people working in our offices in five different cities. We enhanced our business not only in our home country but also in the whole world.

Today, we have several cross-border products in various categories like entertainment, lifestyle, games, health & fitness, etc. and they are available in 193 countries, 55 languages. We have passion on creating our products for our own use. For instance, we use our own BI and Marketing Performance tools to maximize profitability. After developing such useful intra-company tools, why not making others benefit from them, too? From this point of view, we have launched some B2B projects such as VerifyKit and Desk360. Our considerable experience in the industry has driven us to take up a new perspective which led us to invest in other projects because we know that that a business can only be flourished with collaboration.







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Teknofix



Communications

Teknofix provides seamless and unique face to face field and remote customer experience management services to customers of its corporate business partners, especially in the telecoms and pay-TV industries. Our own cutting-edge technology is not only an enabler, but also directly the service quality and value proposition itself since it has become an indispensable feature for our business partners' customers.

Our proprietary software allows us to efficiently perform high volume field services and features like competency & location-based task distribution, route optimization, live technician tracking, self-service appointment management, live chat, and real-time reporting. We develop, customize, and integrate our technology for each business partners' processes and customer experience management expectations, so that they can provide unique selling points in their services.

Tekrom



Software

Tekrom Teknoloji was founded in 2003. Since 19 years, it has continue to serve as Turkey's leading e-commerce provider. (ICT500 Turkey) The last 7 years, it is among the 50 fastest growing technology company in Turkey. (Deloitte Fast 50) In 2013, our company developed Turkey's first e-export software and thanks to this development, Turkey's cross-border e-commerce sales has increased. Our company serves over 5000 customers with over 240 employees and 5 offices located in 2 countries and 3 cities.

Over 2000 companies of our customers use T-Soft E-Commerce Software. T-Soft serves more than 300 local popular brands, including 20 global brands. T-Soft has been put into service App Store for the first time in Turkey and now it offers rich solutions with 200 applications.

With T-Soft Mobile, an e-commerce software provider began to develop native mobile applications for the first time in Turkey. We develop applications with an average of 4.7 points out of 5 which is one of the highest satisfaction score of application markets.







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Testinium



Software

Testinium is a prominent software testing company with headquarters in Turkey which was founded in 2010. Testinium specializes in software test automation solutions for mobile, web, and desktop applications to ensure great digital experiences, high-quality consulting services and develops software and implementation options ranging from individual or team-based on-site staffing to software development. Testinium has an expert consultancy team of 600+ engineers that work with more than 100 enterprise customers worldwide. With a highly skilled team of developers, Testinium additionally offers a wide range of services, including software lifecycle consulting, test outsourcing, and training to meet specific business requirements of distinguished firms to take their businesses to a superior level of success. Testinium strives to deliver the highest performance and is committed to meeting and exceeding the expectations of customers. Testinium has earned significant market share with its products; Testinium, Loadium, S-Box, Device Farm, and Oobeya and aims to expand with new products globally. Testinium operates offices in the UK, Netherlands, Germany, and the USA and has two R&D centers in Istanbul with 100+ R&D Engineers. Testinium provides end-to-end testing solutions and test automation products and services for companies to grow their businesses and overcome operational challenges in utilizing existing resources. Solutions Test Automation, Functional Test Automation, Test Device Farm, Al-Based Test Automation, Test Data Management, Load and Performance Testin, Software Intelligence Platform Industries Served, Finance & Insurance Services, e-Commerce & Retail.

Vispera



Software

Vispera is a retail image recognition and analytics company serving its grocery retailer and supplier clients with business technology solutions for retail execution monitoring, productivity boosting and perfect store enablement, giving businesses a digitized view of their store. Mobile or fixed cameras capture and recognize the products, detect empty spaces and other non-compliance issues and alert the appropriate staff through notifications. Vispera's proprietary image recognition technology is underpinned by AI, machine learning, deep learning and a thorough understanding of retail.

Vispera currently operates in 25 countries with clients like Coca Cola, Unilever, Phillip Morris, Henkel, Danone, etc. Vispera's competitive advantages include technological superiority (Highest accuracy-level in the market), ability to handle any visual compliance task (e.g. presence of umbrellas, waste bins near ice-cream cabinets, etc.), flexibility with image taking in the field (e.g. ability to process images from coolers with doors closed), versatile retail execution KPI engine framework to meet specific client needs, augmented reality (AR) features in the mobile app to facilitate the process of picture taking in the store, processing horizontal cabinets and hot-zone areas which are unique solutions globally.





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Wipelot



Hardware

Industrial RTLS & IoT company Wipelot was established in 2005. It provides software, hardware and consultancy services in real-time staff, equipment and environment monitoring fields. It carries out R&D and design studies in the fields of industrial IoT, RTLS, RFID and mobile technologies. Wipelot real-time tracking technologies, provides efficiency, increased speed and occupational safety for global industrial organizations in their digitalized business processes. It provides added value to mining, warehousing, construction, automotive, white appliances, metal, energy, food, health, pharmaceutical, aviation and defence industrial branches. Performing analysis based on real-time data received from the field, Wipelot tracks and monitors staff, vehicles, machinery, equipment, semi-finished products and environmental parameters such as temperature, humidity and gas in high-risk workplaces and harsh conditions. Awards; 2015 RFID Journal - Best Industrial IOT Application (Aviation), 2016 TOBB 100 fastest-growing company in Turkey, 2016 InnovaLig Innovation Results 5th award - TIM, 2016 IDC Best Industry 4.0 Application (Smart Mining), 2017 IDC Best Innovation Project of the Year 2017 (Signalisation), 2017 InnovaLig Innovation Results 8th award - TIM, 2018 InnovaLig Innovation Results 3th award - TIM, 2019 Winovation Winning Innovation Award (Construction), 2019 RFID Journal - Best RFID Application in Other Industry (Mining), 2021 IoT World Awards 2021 IoT Deployment of The Year Shortlist

Yolcu360



Software

Yolcu360 is a car rental technology company which uses the latest technologies in the service it provides and works with systems that provide the visitors to rent a car at high speed, easier and convenient conditions. Yolcu360 continues its activities with the principle of "customer happiness obsession" and delivers its services to end users and solution partners via APIs. In order to bring the customer/guest experience closer to perfection, from the decision to rent a car to the delivery of cars, Yolcu360's systems are; collect, store and analyze real-time data. It provides high performance, low delay time, and highly efficient concurrency between systems. Therefore, a technological infrastructure based on a highly scalable microservice architecture is used on the basis of Kubernetes clouds.

This systemic setup ensures that every point of Yolcu360's services is observable and reliable. Thanks to its technology architecture, Yolcu360 can quickly broaden its services in terms of B2B and B2C, and use ML for suggestions and pricing. With new steps to become the first brand that comes to mind when it comes to rent a car concept in Turkey, and to create brand awareness globally, especially in Europe, Yolcu360 will offer applications and infrastructure that will enable a much larger target audience to mobilize around the world with the flexibility provided by its technological infrastructure in the forthcoming period.

Technology Fast 50 Turkey Program



The program celebrates Turkey's fastestgrowing high-technology companies. The awards identify the trends that are shaping the technology, media and telecommunications sectors today. Based on revenue growth percentage over a four year period, the program includes companies from all related industry sub-sectors:

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

To be eligible for Deloitte Technology Fast 50 Program, companies must meet the following criteria:

to be a technology company which:

 has its own proprietary technology that contributes to a significant portion of the company's operating revenues

- manufactures a technology-related product devotes a significant effort to research and development about technology
- be technology insentive, or use unique technology to solve problems
- to be in business for a minimum of three years
- whose parent company must be Turkish
- owned and headquartered in Turkey
- whose operating revenues must be at least
- €30,000 for 2018 and €500,000 in 2020.

Deloitte Technology Fast 50 Program is part of Deloitte's global Fast 500 program which runs simultaneously in countries such as USA, Canada, United Kingdom, France, Norway, Sweden, The Netherlands, Germany, Central Europe, Israel, South Africa, China, Australia, Hong Kong, India, Japan, Korea, Malaysia, New Zealand, Singapore, Taiwan, Thailand, South Korea and Finland.

Benefits of Participating at Technology Fast 50 Program: Technology Fast 50 winners receive exposure and recognition upon release of the rankings from both the media and business communities. The benefits are significant: Networking opportunity with other fast-growth Turkish technology companies and business organizations at our awards ceremony

- Networking opportunity with other fastgrowth technology companies and business organizations from around the world through Deloitte Technology Fast 500 EMEA Program
- Access to leading edge industry research and commentary
- Recognition from the business and financial communities
- Benchmarking opportunity with similar companies
- Increased attention from the business and investment communities
- Media coverage

Deloitte.

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