

Software Development



22+
years

Cluj-Napoca. Transylvania. Romania



THE CITY

- 2nd city of Romania
- 25% Young Population
- ~500.000 (inhabitants + temporary residents)
- 1 Airport (37 international destinations)



IT AND R&D CENTER

- 1.235 IT companies
- 1 out of 11 employees works in the IT sector
- ~20.000 persons are currently working in IT
- ~10.000 active software engineers
- 1st software export hub of Romania
- ~200 research units and laboratories
- 4 Technology Parks
- 1 Innovation Park: Cluj Innovation City



ACADEMIC CENTER

- 11 universities
- > 100.000 students
- ICT graduates > 1.000 students / year
 - UBB - the biggest University in Romania
 - UTCN - Technical University of Cluj-Napoca

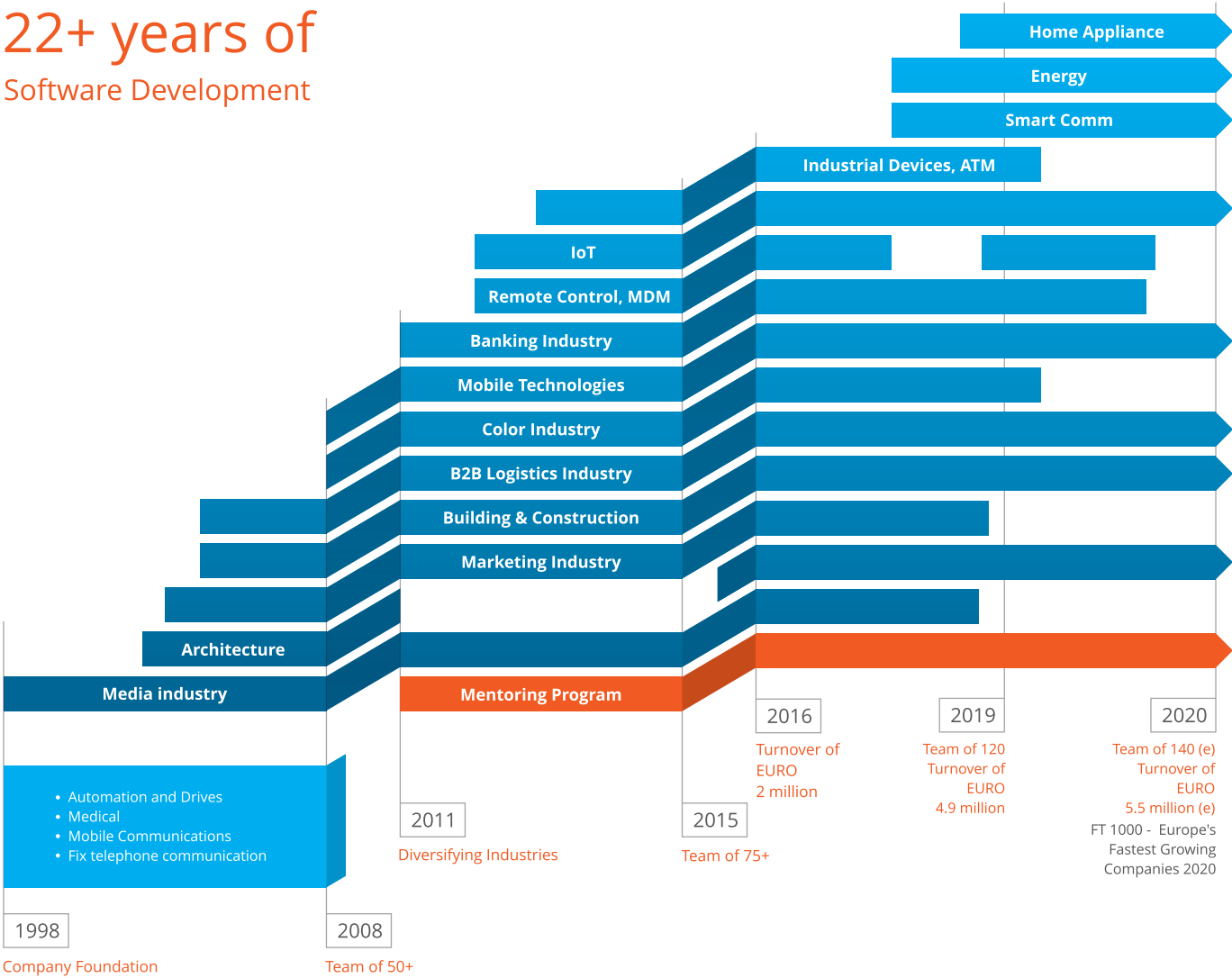


CITY AWARDS & RANKINGS

- 2019 The best-ranked Romanian city in Global Quality of Life Index
- 2018 First city in Romania in terms of public services quality (*Institute for Public Policies*)
- 2017 European Award for Innovation (*OISPG – DG Connect, European Commission*)
- 2017 Excellence in Digitalization Award (*Association of Romanian Municipalities*)
- 2017 Cluj-Napoca best Romanian City for Creative Economy (*EUROSTAT*)
- 2015 Cluj-Napoca, the City that will Shake Up the Art World in the 21st Century (*Huffington Post*)

SOFTECH's History

22+ years of
Software Development



CEO's Message



Dear Partners and Friends,

As our history reveals it, SOFTECH is about a story of excellence.

Looking back at our 22 years of development across the full application life cycle, I can say that our constant preoccupation is to overcome expectations.

In 2020, our commitment to excellence continues and we are happy to count new strategic partnerships and challenging software development projects. The team's ability to fine-tune any cooperation, coupled with a coherent organic growth strategy, proved to be the key elements for long-term business partnerships.

Since the top priority remains to fulfill our customers' needs in tune with the newest technologies, we are confident that the company's DevOps capabilities, technology stack and proficiency in developing integrated software systems define a reliable competency base for your future projects.

IoT development, embedded systems, cluster platforms, rapid prototyping and AI/ML app development are some of the areas where we are proud to count top performing findings and solutions. However, none of this would have been possible without the determination of our customers, partners and colleagues to deliver innovative, complex and outstanding software solutions.

Thank you all,

Levente Szélyes

CEO

Complex Solutions For Industries



For the past 20+ years, SOFTECH team has been developing complex software solutions for different industries. As the industry is shifting from the computerized and automated systems to the cyber-physical systems, the integration of any software system in the wider ecosystem became a greater challenge.

Integrated software ecosystems rely on the functional relationship between business, organizations and software architecture. The complexity of these relationships require expertise and solid know-how in order to effectively approach the development of such large systems.

Through our working experience, SOFTECH has been developing integrated software ecosystems for various industries such as building and construction, industrial application, media and publishing, finance & banking, home and industrial appliances and energy.

Our integrated software ecosystem development services are specialized in:

**IoT application
development**

**Cloud application
development**

**Mobile application
development**

**Rapid software
prototyping**

**AI software
development**

**Cluster Based
DevOps**

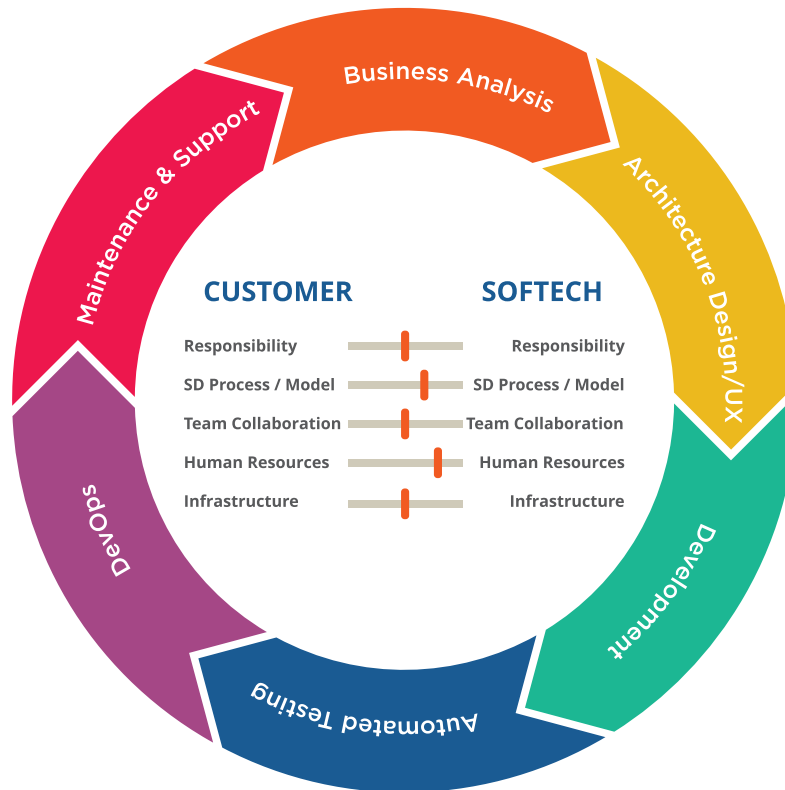
These main capabilities are based on our team's experience, technical skills and interests.

Fine Tuning

SOFTECH has been working with various customers since the foundation of the company. The key success factor of these long-term cooperations is our ability to fine-tune the business relationships with our customers.

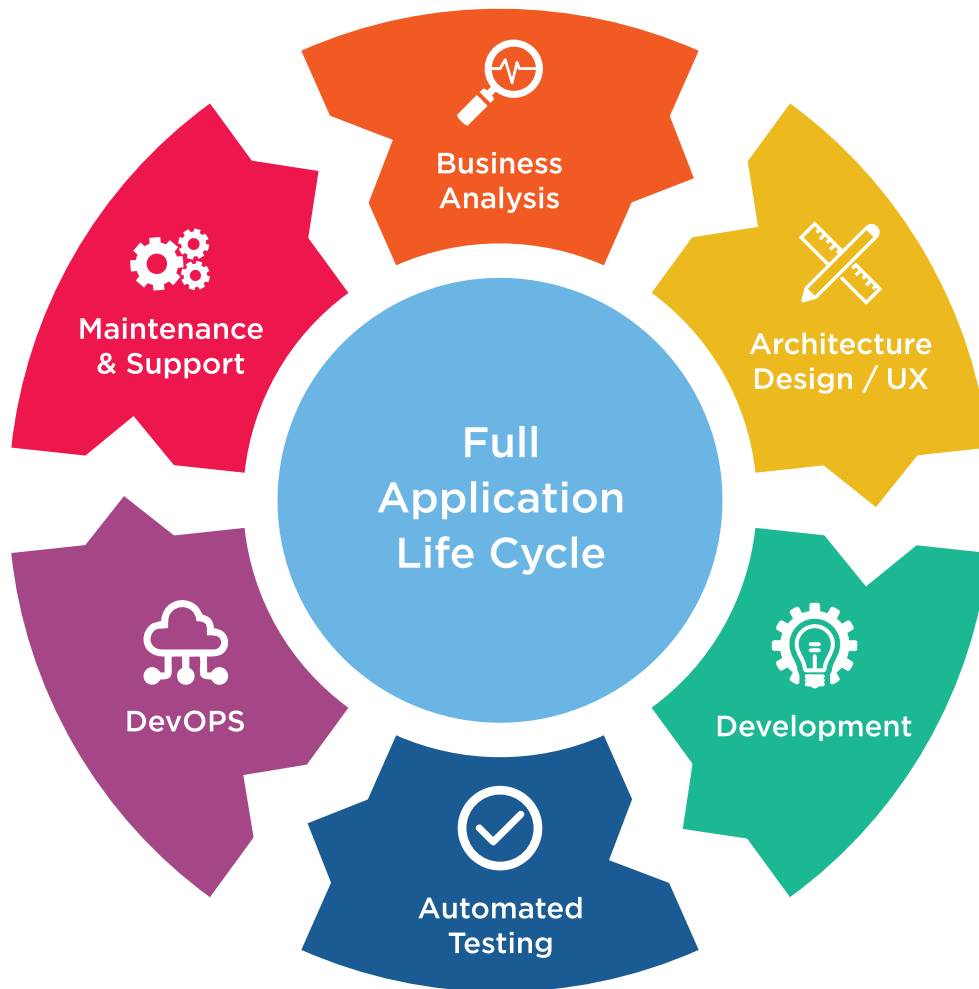
The five pillars of SOFTECH's fine-tuning model are:

- **Responsibility** – for what will be responsible each team.
- **Software Development Process / Model** – which is the most suitable method or model.
- **Team Collaboration** – the way in which the teams will work on the project.
- **Human Resources** – what are the roles, and how will we set up each team.
- **Infrastructure** – setting up the necessary infrastructure in all locations.

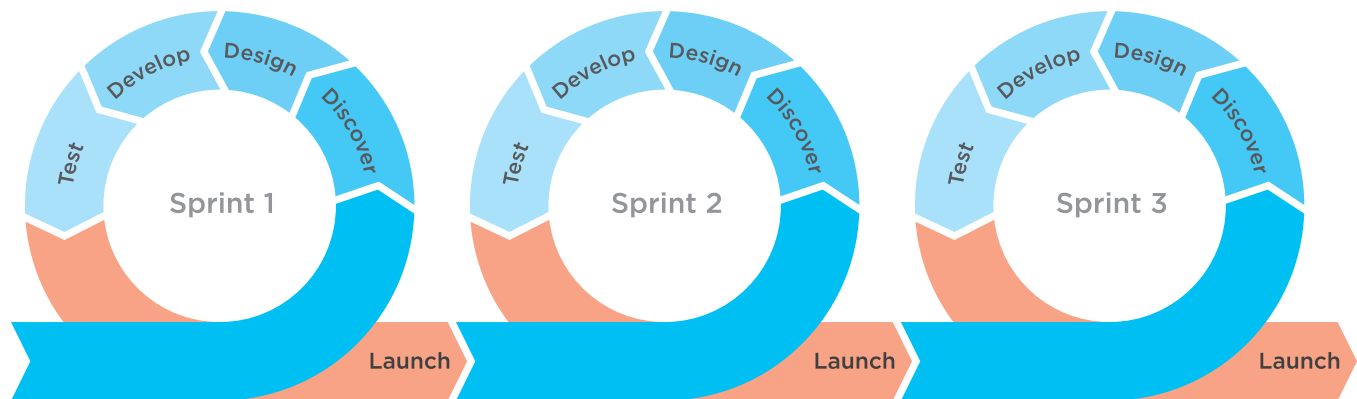


Full Application Life Cycle

SOFTECH delivers full application life cycle development based on the agile model. Due to the recent technology progress, we are proud to count ourselves among the software development teams that are capable of designing innovative solutions from scratch.



Agile Methodologies



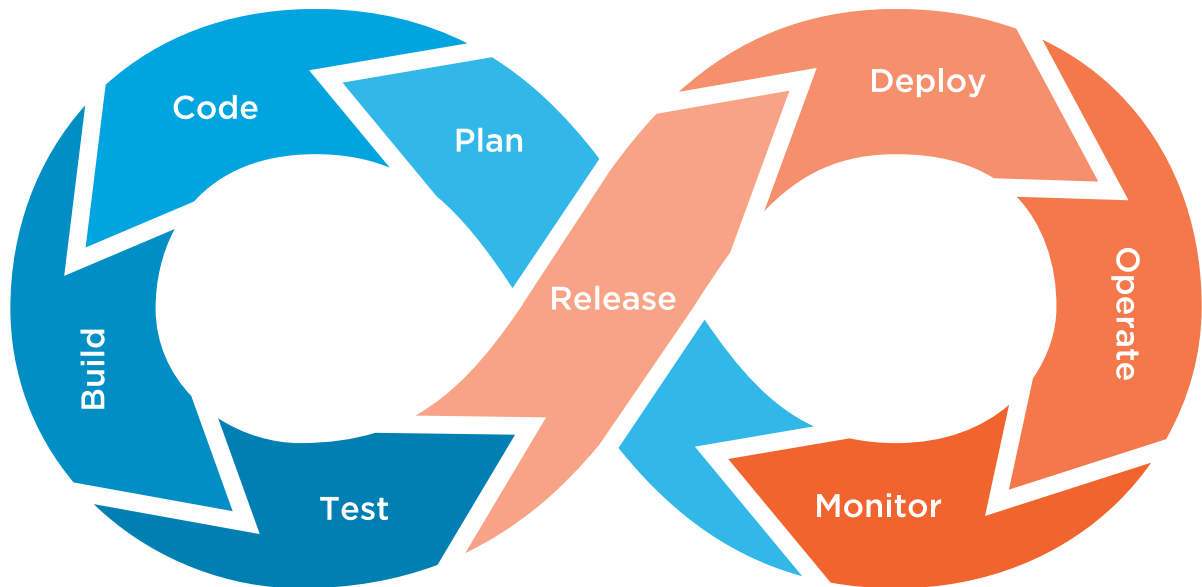
Adaptability to fast changing conditions is a must for any contemporary software development team. From our experience, early delivery and flexible response to change would not be possible without a continuous preoccupation to improve solutions through collaborative effort between our software development teams and the customer's teams.

That is WHY we have been practicing agile development over the last decades and empowered our team and strategic partners to embrace the **fine-tuning** philosophy.

At the moment, the key methodology for agile software development that you will find at SOFTECH is **DevOps** and the key process framework is **Scrum**. Their approach converges towards the same purpose: to constantly push the entire software solution towards the best possible version that is ready for launch.

In practice, you will benefit of **CD (Continuous Delivery)**, **CI (Continuous Integration)** enhanced with **container orchestration system** (ex. Kubernetes), **Cloud based solutions**, new **collaborative** approaches and **evolving models**. Self-organizing and cross-functional teams working together with our customers' team increase the effectiveness of the entire process, while getting faster and closer to the desired software solution.

DevOps



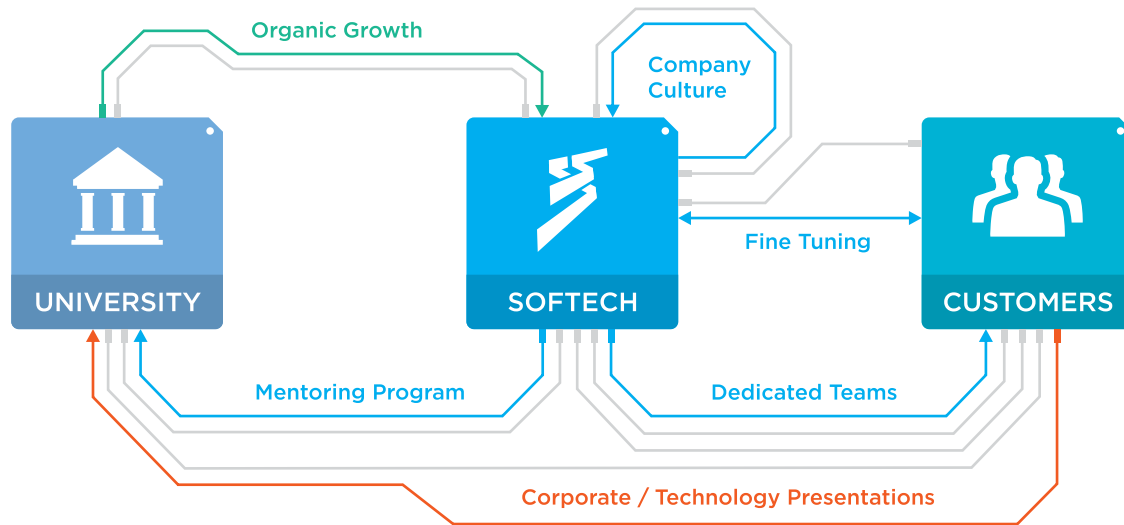
The entire **DevOps philosophy** is centered on increased efficiency of the software development process. At SOFTECH we have embraced its finest tools and methods as it fitted our agile approach.

Based on the **Pipeline reference model**, we team up with the customers in order to produce value outcome in short, regular intervals. This leads to a faster quality product release.

The DevOps elements in practice at SOFTECH:

- GitLab (Source control, project management)
- Containers (Docker)
- Cluster Platforms (Kubernetes)
- Continuous Integration
- Continuous Delivery
- Automated Testing

Organic Growth Ecosystem



Strong organic growth is key to the success of any business, and vital for the future of long-term software development cooperation. Our **organic growth ecosystem** links academia, with our Company and further on with our Customers.

The main vehicle is our **Codespring Mentoring Program** as a common project with the local elite universities. Students in informatics and computer science have the opportunity to have a hands-on experience during a 2.5 years period, within our Company.

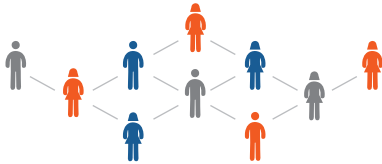
At the end of their university years, they can apply for a job at SOFTECH and be assigned in dedicated teams for our Customers' projects. Customers have also the possibility to hold technical presentations for the students at the University.

The annual output of the program is of about **15 – 20 students** who benefit from specialized trainings and supervision.

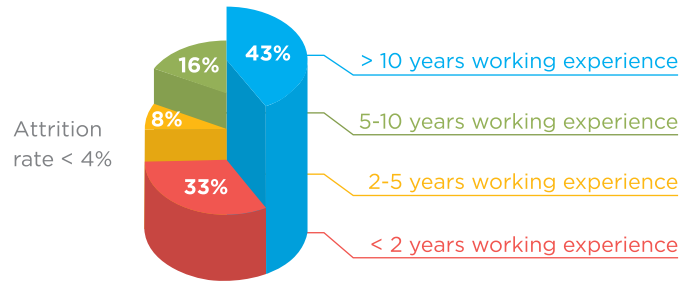
Team. Competencies. Capabilities

120+ PEOPLE

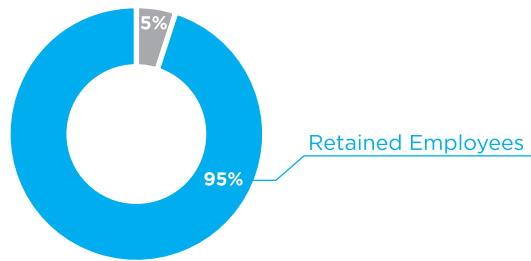
software engineers, architects,
developers, testers



SOFTECH TEAM SENIORITY LEVELS

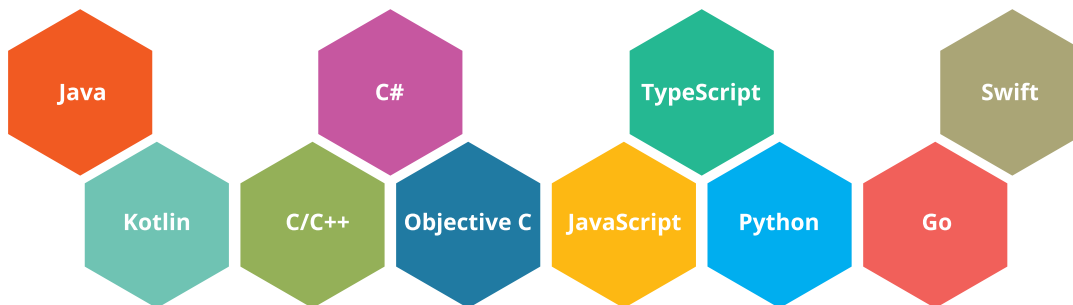


2019 EMPLOYEE RETENTION



22+ YEARS EXPERIENCE

with various technologies and programming languages



Industry Verticals

During the long term software development cooperations and the project based works, SOFTECH has built indepth knowledge in a set of major industry verticals.

The complexity of these fields has challenged our software development team to accurately break down the business processes and build customized software solutions. This wealthy experience has translated into a valuable knowledge for integrating new software solutions with existing ecosystems.

	Industry 4.0	Smart industry
	Banking & Finance	Online banking system, ATM, self-banking system
	B2B Logistics	World's top B2B communication systems
	Building & Construction	5D modelling, CAD systems
	Color Management	Leading color management solutions
	Energy & Power Supply	Solar power and heating systems, smart grid
	Event Management	Tradeshaw management
	Home Automation & Appliances	Smart homes, smart appliances, IoT applications
	Media & Entertainment	Professional video streaming, AI applications
	Travel	Latest mobile technology
	Security & Alerts	Crisis management app

Technology Stack

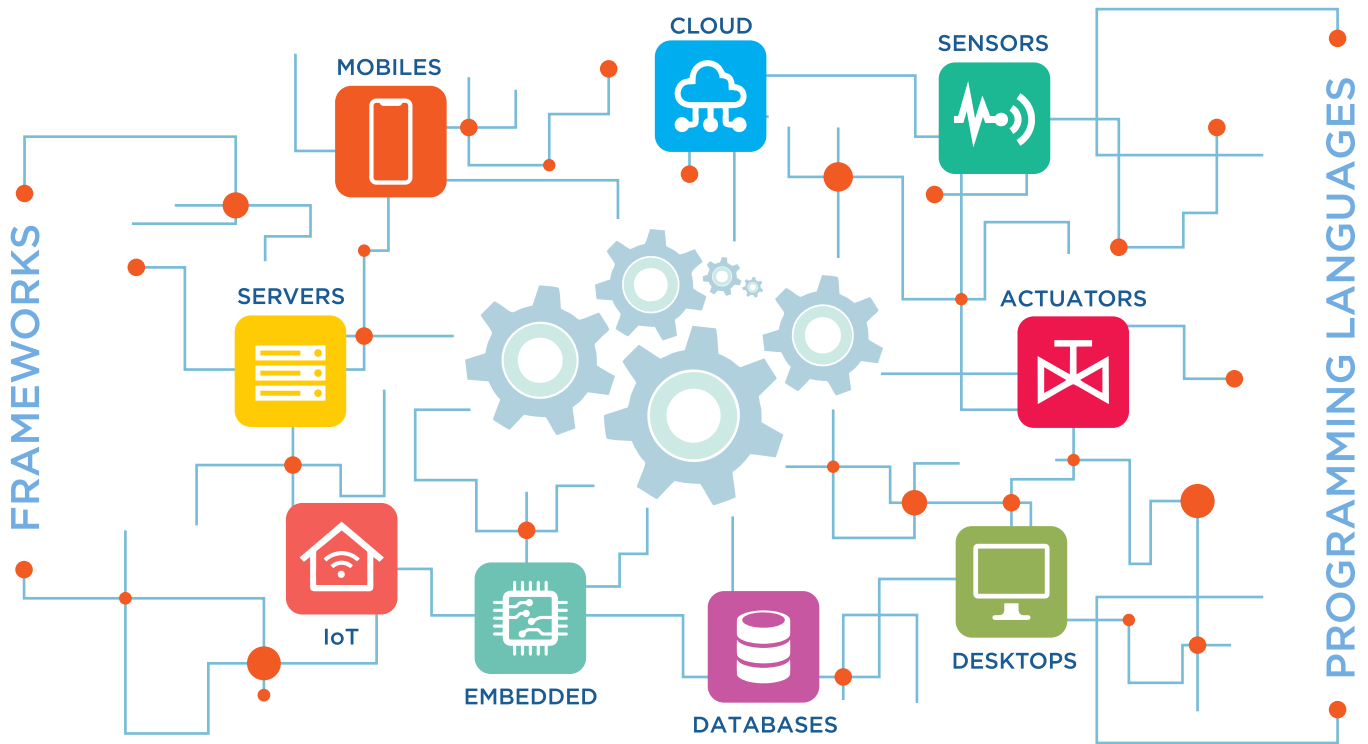
The core of our software development business relies on technology know-how. At SOFTECH we like to think that we bring technology at your service. Software Development is the essence of our business. For that, mastering multiple programming languages, platforms, systems and databases is a must.

Systems: IoT, Embedded, Mobile, Cloud, Desktop, Web Applications, Web Services

Platforms: Windows, Mac OS, iOS, Linux, Embedded Linux, Android

Frameworks: Spring, .NET, .NET core, Angular, React, React-Native, Robot Framework, Selenium, Node.js

Programming Languages: Java, Kotlin, C/C++, C#, Objective C, JavaScript, TypeScript, Python, Go, Swift



Figures & Facts

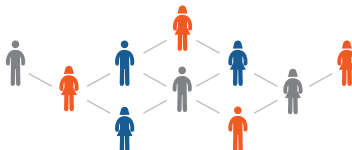
22+ YEARS

of software development



TEAM

120+ people



LOCATION ON MAP

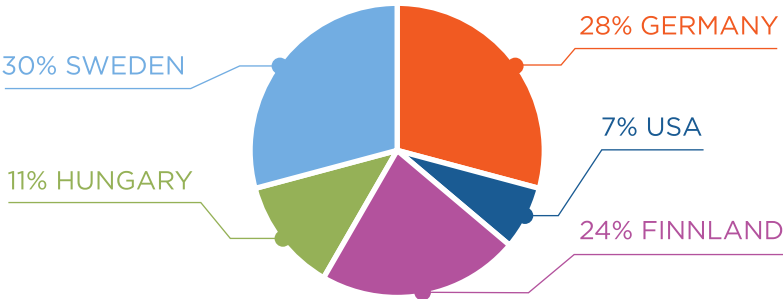
Cluj-Napoca, Romania



SOFTECH MARKETS

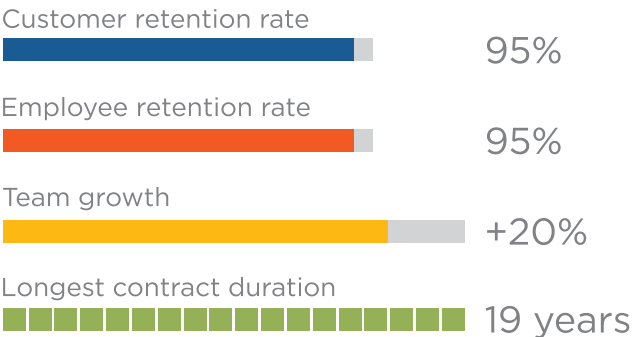
SPOKEN LANGUAGES

- | | |
|---------|-----------|
| ENGLISH | HUNGARIAN |
| GERMAN | ROMANIAN |

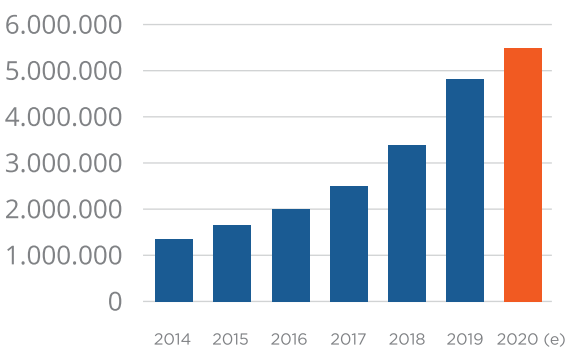


RECENT RANKING **FT 1000 - Europe's Fastest Growing Companies 2020**

PERFORMANCE



SOFTECH TURNOVER (Euro)



Success Stories



**Phone**

Tel.: +40-364-113110

Fax: +40-364-113111

**Address**

29 Frunzisului street
400664 Cluj-Napoca
Cluj, Romania

**Email**

contact@softech.ro

**Company Data**

SOFTECH SRL

Registration Number: J12/1914/1998

VAT Number: RO11358358



22+
years