Software Development

SOFTECH
Committed To Excellence

+25 YEARS

Târgu-Mure

HQ Cluj-Napoca

Odorheiu Secuiesc

ROMANIA

FINNLAND

SWEDEN

RUSSIA

ESTONIA

LATVIA

DENMARK

LITHUANIA

UNITED
KINGDOM

BELARUS

NETHERLAND

BELGIUM

GERMANY

POLAND

FRANCE

CZECH REP.

SLOVAKIA

UKRAINE

SWITZERLAND

AUSTRIA

HUNGARY

MOLDOVA

SLOVENIA

ITALY

ROMANIA

CROATIA

BOSNIA &
HERZEGOVINA

PORTUGAL

SERBIA

SPAIN

MONTENEGRO

BULGARIA

MAKEDONIA

ALBANIA

GREECE

TURKEY

Cluj-Napoca. Transylvania. Romania

THE CITY

- 2nd city of Romania
- 25% Young Population
- ~500.000 (inhabitants + temporary residents)
- 1 Airport (50 international destinations)

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

IT AND R&D CENTER

- 1.330 IT companies
- 1 out of 11 employees works in the IT sector
- ~20.000 persons are currently working in IT
- +16.000 active software engineers
- 1st software export hub of Romania
- ~200 research units and laboratories
- 4 Technology Parks
- 1 Innovation Park: Cluj Innovation City

CITY AWARDS & RANKINGS

- 2023 Cluj-Napoca listed in the Top 10 cities where *people are satisfied to live* in - Quality of Life in European Cities, 2023 Report
- 2020 European Capital of Innovation Awards - Finalist city (*European Commission*)
- 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*)

CEO's Message

Dear Partners and Friends,

We are proud to enter 2024 in full power and with many interesting software development projects ahead. Last year we celebrated 25 years since the foundation of our company based in Transylvania, with a fantastic team of +176 software developers and reliable strategic partners.

Even if in the last three years we have been impacted by three major shocks: the pandemic, the aggression against our neighboring country and the inflation, we trust that we will overcome these times in the best way possible. On top of these, the fast development of AI technologies, of Industry 4.0 and intelligent networks have the potential to accelerate transformation. Luckily, our constantly updated competencies in full application life cycle development constantly serve our global customers to launch innovative software solutions.

The fine-tuning approach and the organic growth strategy have been the main driving vectors of our business development. These two approaches coupled with refined DevOps capabilities; a selected range of technologies and proficiency proved to be auspicious for award-winning software development projects.
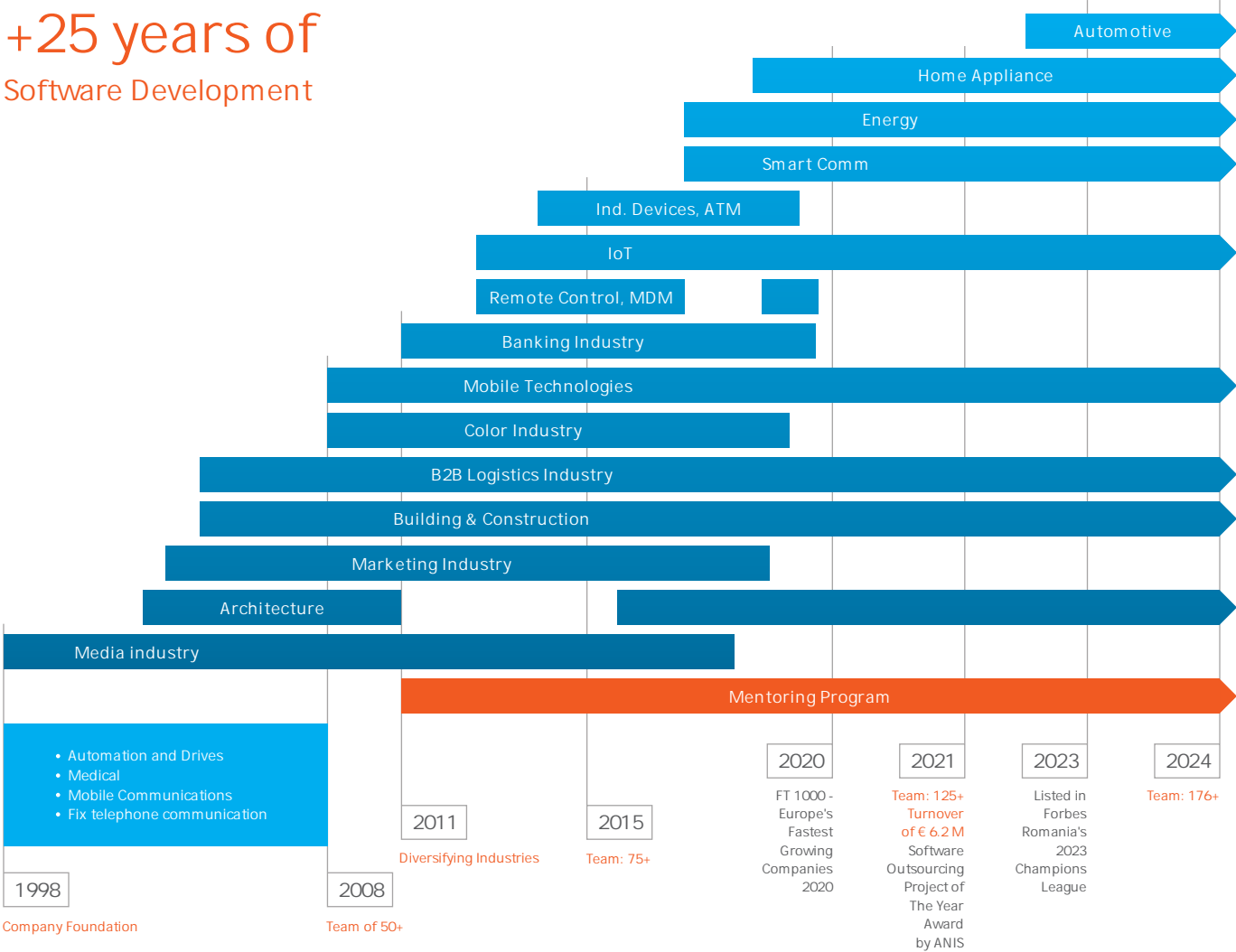
Cloud and IoT development, embedded systems, cluster platforms and rapid prototyping are some of the areas where we count top performing solutions. This was definitely possible thanks to the determination of our customers, partners and colleagues to deliver innovative, complex and outstanding software solutions.

Thank you all,

Levente Szélyes
CEO

SOFTECH's History

+25 years of
Software Development

Automotive

Home Appliance

Energy

Smart Comm

Ind. Devices, ATM

IoT

Remote Control, MDM

Banking Industry

Mobile Technologies

Color Industry

B2B Logistics Industry

Building & Construction

Marketing Industry

Architecture

Media industry

Mentoring Program

- Automation and Drives
- Medical
- Mobile Communications
- Fix telephone communication

2020
FT 1000 -
Europe's
Fastest
Growing
Companies
2020

2021
Team: 125+
Turnover
of € 6.2 M
Software
Outsourcing
Project of
The Year
Award
by ANIS

2023
Listed in
Forbes
Romania's
2023
Champions
League

2024
Team: 176+

2011
Diversifying Industries

2015
Team: 75+

1998
Company Foundation

2008
Team of 50+

Complex Solutions For Industries

COMPLEX SOLUTIONS FOR INDUSTRIES

For the past +25 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:

- Governance – the steering committee of the project
- 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.

Full Application Life Cycle

- Business Analysis
- Architecture Design / UX
- Development
- Automated Testing
- DevOPS
- Maintenance & Support

The Pillars of Excellence

Pillar no. 1: Behavior

Behavior is the most visible pillar for both clients and developers. Therefore, at the beginning of development, the focus is on delivering functionalities that meet the client's needs.
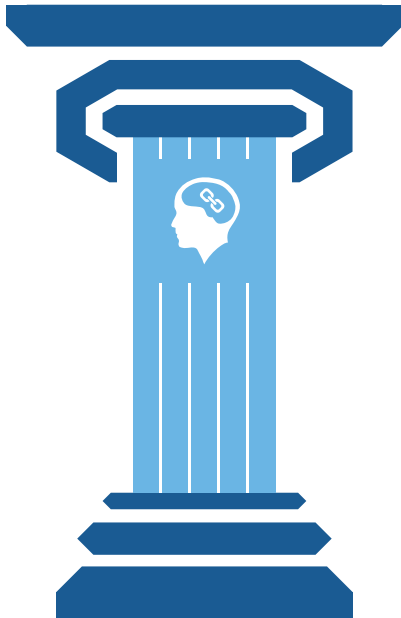
Pillar no. 2: Reliability

Reliability refers to the software's ability to function consistently and smoothly over time. That is why we love early feedback. This involves developing with short cycles, obtaining feedback during development, and using automated testing and continuous integration.
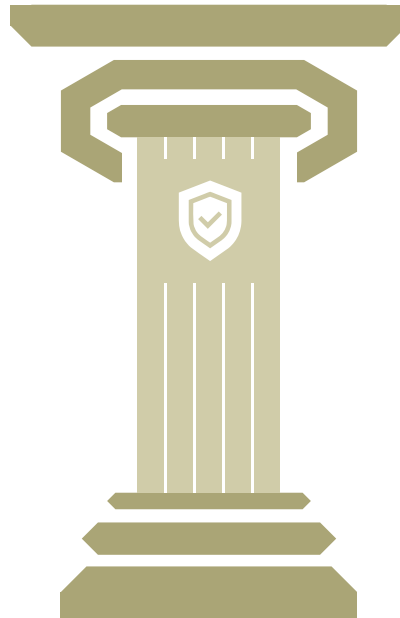
Pillar no. 3: Ease of change

Software should be capable of adapting to new features requested by the client, modifications, or error corrections. Additionally, as technology advances, updates are necessary. To ensure that changes do not break existing behavior, we provide a safety net of tests and use specific techniques.
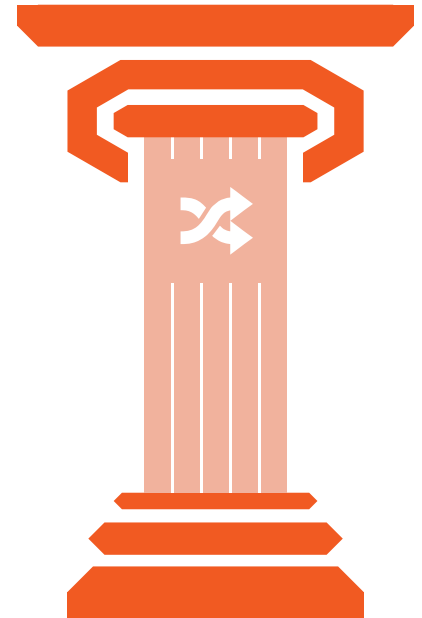
DevOps
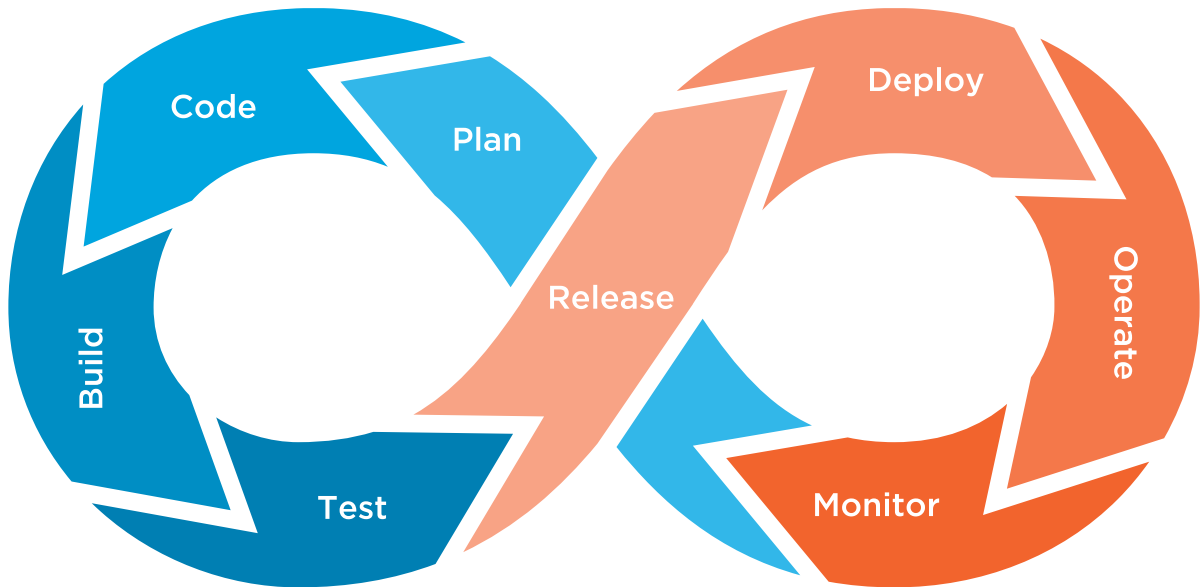
The entire DevOps philosophy is centered on increased efficiency of the software development process. At SOFTECH we have embraced its finest tools and methods as it fitted our agile approach.

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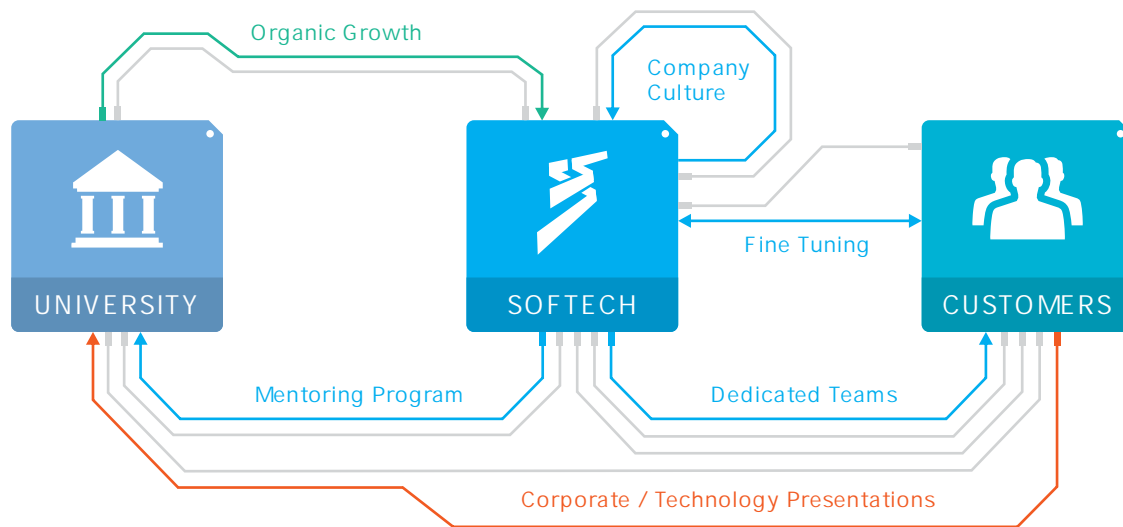
Strong organic growth is key to the success of any business, and vital for the future of long-term software development cooperation. Our organic growth ecosystem links academia, with our Company and further on with our Customers.

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

176+ PEOPLE

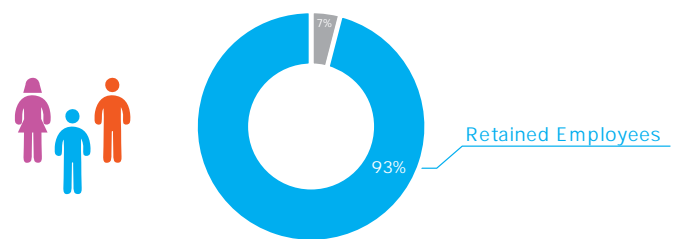software engineers, architects, developers, testers
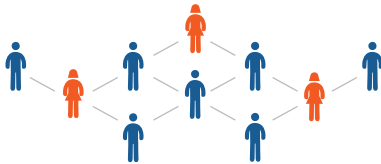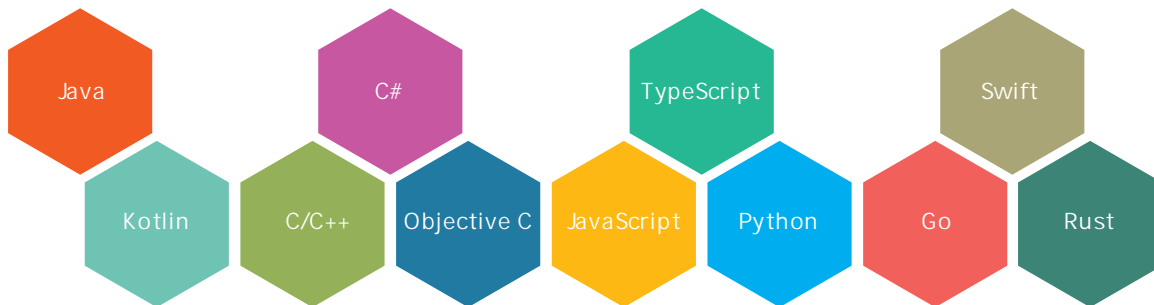
SOFTECH TEAM SENIORITY LEVELS

Attrition rate < 7%

- 25%
- 22% — 10+ years working experience
- 17% — 5-9 years working experience
- 36% — 3-4 years working experience
- < 3 years working experience

DEMOGRAPHICS

33% Women

67% Men
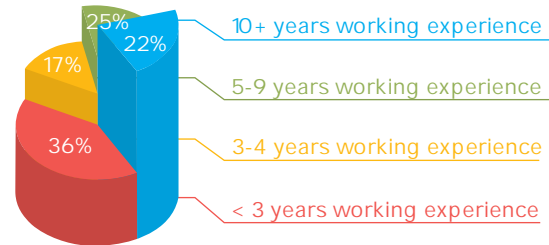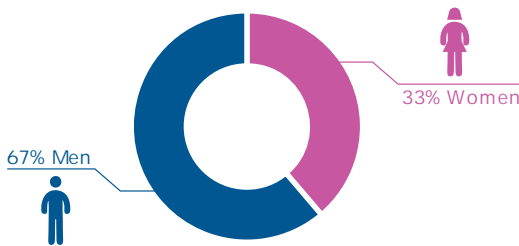
2023 EMPLOYEE RETENTION

7%

93% — Retained Employees

25+ YEARS EXPERIENCE

with various technologies and programming languages

Java

C#

TypeScript

Swift

Kotlin

C/C++

Objective C

JavaScript

Python

Go

Rust

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	Tradeshow 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, Microservices, Serverless
Platforms: Windows, Mac OS, iOS, Linux, Embedded Linux, Android, Cloud: AWS, Azure, GCP
Frameworks: Spring, .NET, Angular, React, React-Native, Node.js, KMM, Swift UI
DevOps: Terraform, Ansible, ELK, CI/CD, Docker, Kubernetes, Grafana, Prometheus, DataDog
Programming Languages: Java, Kotlin, C/C++, C#, Objective C, JavaScript, TypeScript, Python, Go, Rust
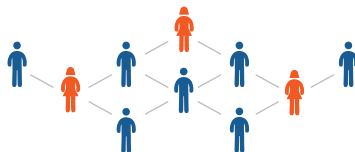
FRAMEWORKS

MOBILES

CLOUD

SENSORS

PROGRAMMING LANGUAGES

SERVERS

ACTUATORS

IoT

EMBEDDED

DATABASES

DESKTOPS
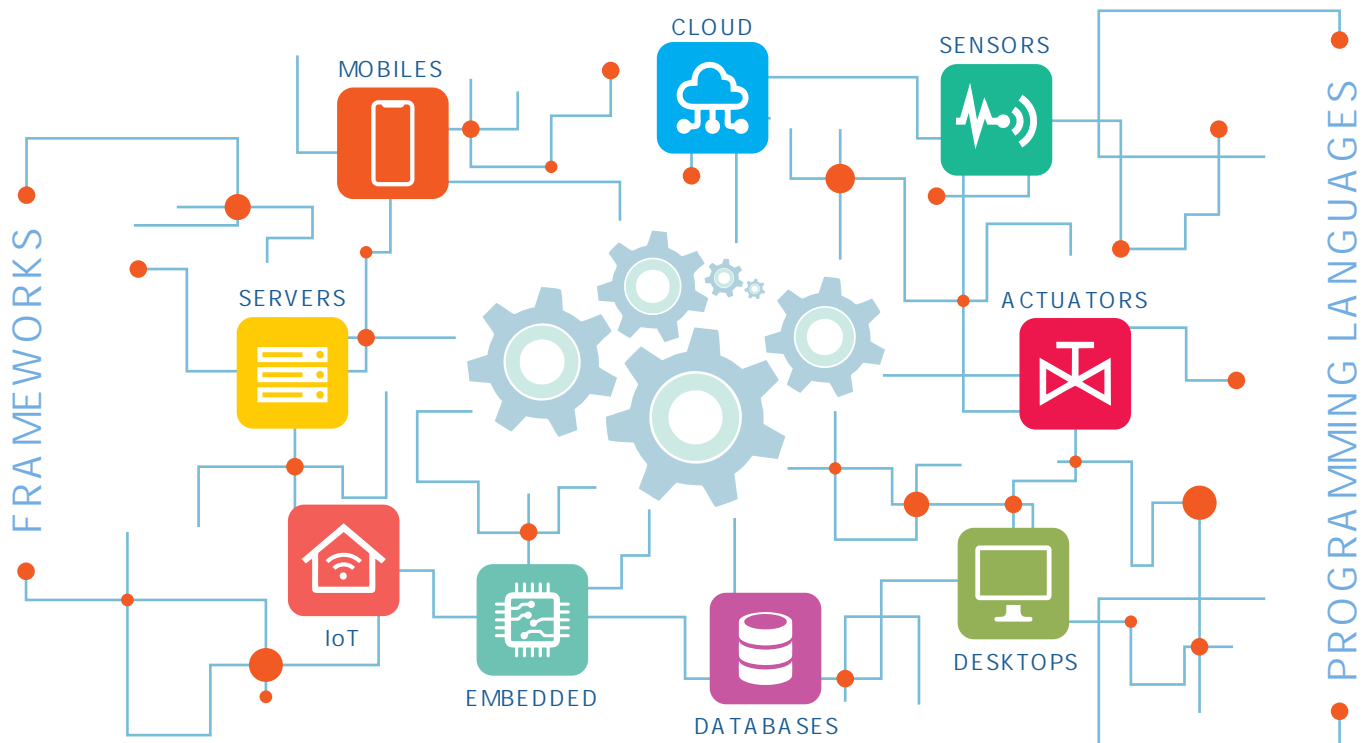
Figures & Facts

25+ YEARS
of software development

TEAM
176+ people

SPOKEN LANGUAGES

🇬🇧 ENGLISH   🇭🇺 HUNGARIAN

🇩🇪 GERMAN   🇷🇴 ROMANIAN

LOCATION ON MAP
Cluj-Napoca, Romania

Târgu-Mure

HQ Cluj-Napoca

Odorheiu Secuiesc

SOFTECH MARKETS

4% USA

39% GERMANY

15% ROMANIA

33% SWEDEN

9% FINLAND
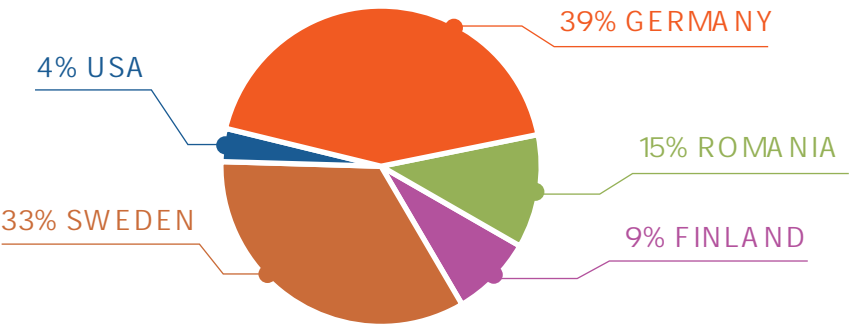
Figures & Facts

RANKINGS   Forbes Romania's 2023 Champions League

FT 1000 – Europe's Fastest Growing Companies 2020

PERFORMANCE

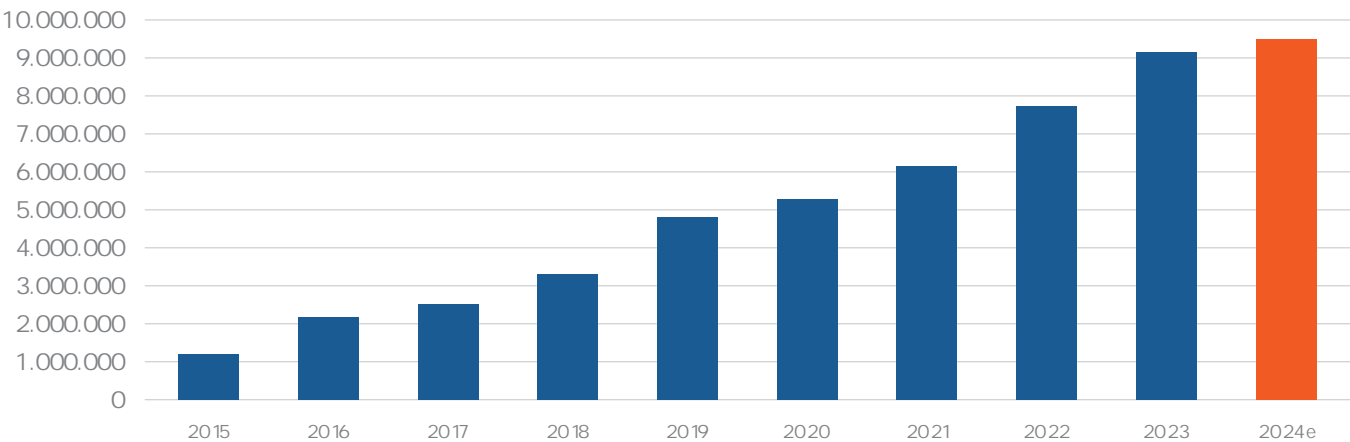Customer retention rate

95%

Employee retention rate

93%

Team growth

+20%

Longest customer collaboration

21 years

SOFTECH TURNOVER   (Euro)

Professional Membership

ANIS
Asociatia patronala a
industriei de software
si servicii

ARIES
Asociația Română pentru Industria Electronică și Software

TRANSILVANIA IT
CLUSTER

Academic Partners

UNIVERSITATEA
BABEȘ-BOLYAI

TECHNICAL
UNIVERSITY
OF CLUJ-NAPOCA
ROMANIA

SAPIENTIA
HUNGARIAN UNIVERSITY
OF TRANSYLVANIA

Recognition & Awards

2023

2023 Bronze Champions League Awarded by Forbes Romania

In 2023, SOFTECH Ltd. was listed in Forbes Romania's 2023 Champions League, that is the list of companies in Romania that recorded continuous growth and profit over a period of 10 years.

2021

Software Outsourcing Project of the Year Award
by ANIS Romania

2021 Software Outsourcing Project of The Year Award by ANIS Romania

SOFTECH stood out for the development of a multiplatform complex management system with an infrastructure providing high availability, high connectivity, high performance and high scalability.

2021

Role Model
Loveable Workspace
Romania

Role Model 2021 Loveable Workplace in Romania

SOFTECH and its employer brand – Codespring was honored with the Role Model 2021 Loveable Workplace in Romania.

2020

Europe's fastest-growing companies - FT 1000

2020 Listing Among Europe's Fastest Growing Companies by Financial Times

Financial Times and Statista research company compiled the ranking and we feel privileged to be one of the five IT companies from Romania that qualified for this ranking, as stated by the local Ziarul Financiar publication!

Success Stories

BOSCH, DE

Trimble, USA

Electrolux, SE

Datacolor, USA

Graphisoft, HU

Teracue, DE

Vico Software, USA

Seeburger, DE

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