We build reliable custom solutions that align with your unique business needs.

WE ARE PROUD OF OUR...

400+
PROJECTS

140
SOFTWARE ENGINEERS

20
YEARS OF EXPERIENCE

3
LOCATIONS
EU AND US

Meet our Management Team

Paul Andor Farkas
FOUNDER & CEO

Krisztián Kuntner
DIRECTOR OF DEVELOPMENT
& CO-OWNER

Lajos Kardos
DIRECTOR OF STRATEGY
& CO-OWNER

Pál Molnár
DIRECTOR OF INNOVATION
& CO-OWNER

Our Corporate Journey

2003
FOUNDED COMPANY

Synthesis-Net started its operation with six people.

2005
FIRST MEDTECH PARTNER

Began our partnership with Global Med Technologies, Inc. who were later acquired by Haemonetics.

2010
QUALITY MANAGEMENT

We secured the ISO 9001 certification.

2013
NEW HEADQUARTERS

We established our new corporate headquarters coinciding with our 10th anniversary.

2017
NEW MEDTECH BRAND

Established IronRooster brand to represent our MedTech activities in North America.

2020
NEW MEDTECH BRAND

We added GPI USA as an additional strategic partner in the MedTech space.

2023
MANAGEMENT BUYOUT

Our management team secured a majority stake in Synthesis-NET.

2024
BRIGHTHILLS LAUNCHED

Introducing our exciting new chapter.

Our experts are always eager for next challenge

Working together to find the optimal solution!

1	2	3	4	5	6
Design	Development	Testing	QA/RA	Support	Consultation

Design

Let's design a product people love!
We build a **digital experience** to help you achieve your **business goals**.

UI Design

+ High-fidelity Proto
+ Look and Feel
+ Visual Design
+ App Design
+ Design System
+ Icon System
+ Typography
+ Interaction Design

Product Design, Business Analysis

+ Product Strategy
+ Business Needs
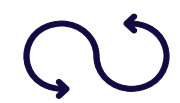+ Product Ownership
+ Technical Analysis
+ User Story Writing

UX Design

+ User Research
+ User Journey
+ User Persona
+ Low-fidelity
+ Proto Usability Test
+ UX Copy
+ Information
+ Architecture

Development

Our full stack development team delivers **high-quality, scalable solutions** using agile project management methodologies.

DevOps
- Microsoft Azure
- AWS
- Google Cloud
- Kubernetes
- Docker
- CI/CD Git/GitLab

Mobile
- Java
- Kotlin
- Objective-C
- Swift
- Flutter
- React Native

Backend
- Java
- .NET
- Node.js
- PHP
- Python

Frontend
- High-fidelity Proto
- Look and Feel
- Visual Design
- App Design
- Design System
- Icon System
- Typography
- Interaction Design

Database
- Oracle
- MYSQL/MSSQL/PgSQL
- MongoDB
- Firebase
- PowerBI
- Qlik

Testing

A **well-tested product** not only means the product will work, but also ensures that your support fees won't go through the roof.

ISTQB® | Gold Partner
International Software
Testing Qualifications Board

Formal
+ Regulatory Acceptance Testing
+ Test Case-based Testing

Automated
+ Unit Testing
+ API Testing UI Testing

Functional
+ Unit Testing
+ Integration Testing
+ Verification Testing
+ Validation Testing
+ System Testing
+ Acceptance Testing
+ Smoke Testing

Non-functional
+ Security Testing
+ Performance Testing
+ Compatibility Testing
+ Exploratory Testing

Other Activities
+ Oracle
+ MYSQL/MSSQL/PgSQL
+ MongoDB
+ Firebase
+ PowerBI
+ Qlik

QA/RA

Our past experience and market research paved the way for our current **project portfolio** and our **problem-solving processes**.

Project Support

+ Deliverables compliance assurance
+ Applicable procedures assurance
+ Process optimization consulting
+ Ongoing production records review

Consultation

+ Team scaling for startups
+ FDA/MDR guidance

Project Review

+ Deliverables assessment
+ Gap analysis
+ Documentation refinement consulting

Re-submission

+ Documentation preparation
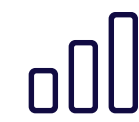+ Regulatory compliance updates

Support

Supporting our clients is not just about solving problems, but also about **developing valued relationships**. This means proactively engaging with teams and users to ensure expectations are met.

Inside Sales Support

+ Outsourced sales activity
+ Administrative work
+ Contract creation
+ Contract modification
+ Warranty requests

Technical Support Levels

+ Tier 1
+ Tier 2
+ Tier 3

Technical Support Languages

+ English
+ German
+ French
+ Italian

Consultation

Our experts and mentors are eager to help you strengthen your business with **innovation management, design thinking, and technical training**.
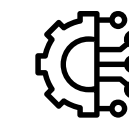
Inside Sales Support

The Design Thinking methodology is great for creative problem solving in cases where there is no obvious solution, or new perspectives from clients or colleagues are to be considered.

Startup and innovation

Our startup mentors are highly experienced with the entire life cycle of product and service development, so they understand idea validation, prototyping, investment opportunities, and business planning.

Technology

We have experts versed in a broad range of technologies, so if you have questions about development or planning processes, standards, or quality assurance, we've got you covered.
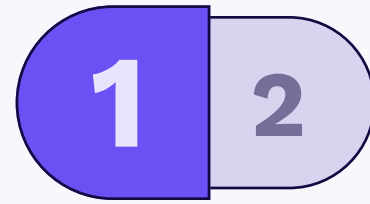
Our team has experience in a variety of industries

With more than 20 years of experience, we provide superior IT services for various industries. Our team leverages industry-specific knowledge to provide a high level of personalized service that eliminates downtime, maximizes productivity, and levels the playing field with the key competitors in your market.

MedTech

FinTech

HAEMONETICS®
THE Blood Management Company™

Healthcare Solution Refactor

THE BRIEF

The project involved a complete rewrite of an existing fat client healthcare solution to migrate it to a state-of-the-art web-based architecture. The main goal was to recreate the functionalities of its successful predecessor using cutting-edge web technologies.

Overview of the solution

01
We involved our Client and their customers

02
Reviewed all the functionalities

03
Identified valuable and useful functions

04
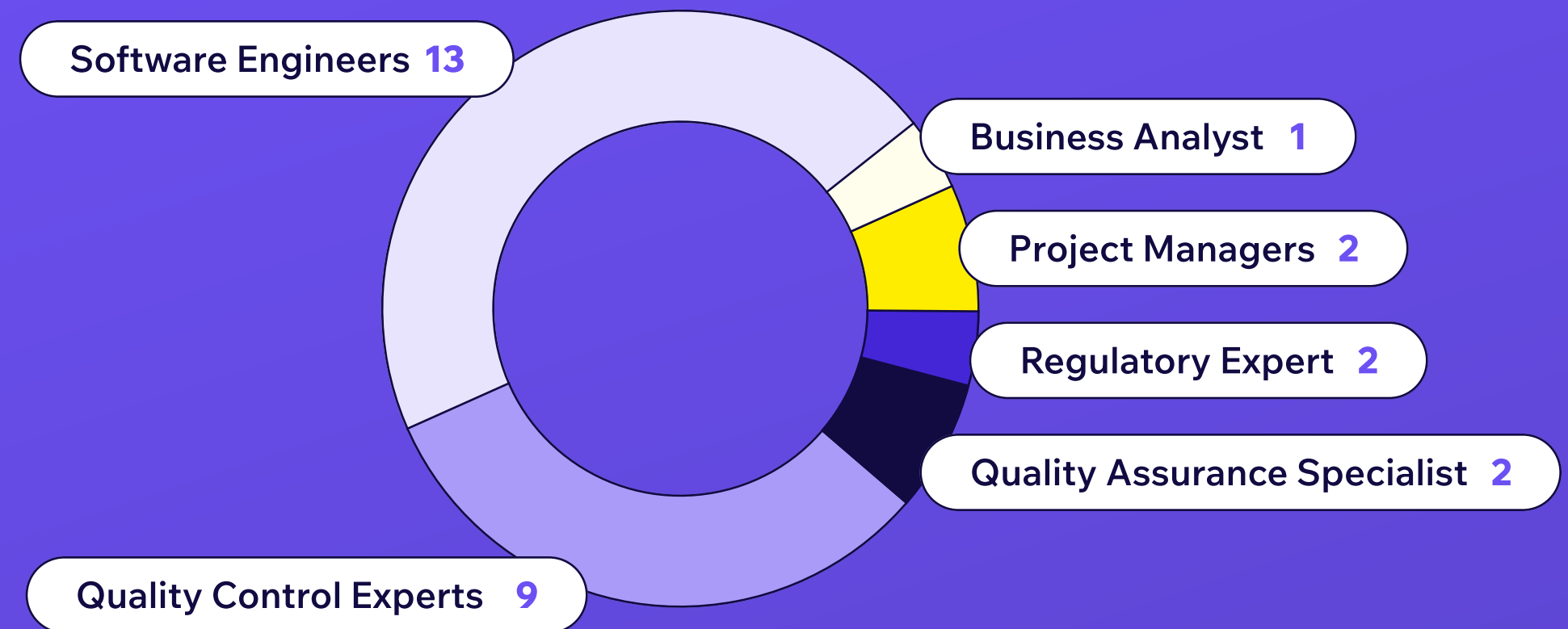**Discarded unused functionalities**

Specific tasks

+ **break down the scope** of the rework into multiple projects/releases to maximize speed to market and minimize regulatory approval efforts
+ **project scope planning** and project management
+ **architecture** design
+ feature **implementation and testing**
+ prepare product **documentation**
+ **risk analysis** and design functions for mitigation
+ participating in **beta testing**
+ documentation creation for **regulatory approval**

Testing and quality control are key services BrightHills provides, and their thoroughness in testing has resulted in higher quality software releases.

JEFFREY FREDERICK

Our team

Software Engineers **13**

Business Analyst **1**

Project Managers **2**

Regulatory Expert **2**

Quality Assurance Specialist **2**

Quality Control Experts **9**

Workflows

Project Management

Software Development

Software Testing

DevOps

Documentation

Quality Assurance

Regulatory Submission

Hematology Portfolio

THE COOPERATION

In 2020, GPI's subsidiary - Hemasoft - acquired a vast array of hematology solutions from Haemonetics Corporation as part of their strategic initiative to increase GPI's market share in the Blood Bank and Transfusion sector. After the acquisition, GPI USA asked our team to be their business partner to support them in achieving their goals with these solutions. **Currently we are working on eight applications from their portfolio.**

Overview of the project

THE COOPERATION

A web-based software solution developed according to **international standards** that enables the administration of the full journey of blood products from the donation stage through the administration of the transfusion. The solution was designed to meet the requirements of the **more than 50 different countries** where it is in use.

The **innovative technologies, user-friendliness, extreme scalability and modular structure** of this advanced hematology software reflects GPI's continued investment in patients.

Trusted by many great companies around the world

Let's partner for success

We look forward to hearing from you soon!

Béla Venesz Dr.

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