# ArtSoft
## consult —

# The Art of Software Development

# Precision body composition and cellular monitoring applications

# Key Information

**Industry:**
Medicine & Healthcare

**Project duration:**
3 years

**Team Size:**
2 - 4 specialists

**Technologies:**
- Native iOS
- Native Android
- Xamarin
- C#, .NET

**Services:**
- Software development
- Software design
- Software testing
- Maintenance

# Highlights

- The application can communicate with the server-side application, which is linked to the specialized scales sold by the customer.

- It's an application for precise body composition and cellular monitoring, blending clinically validated hardware with user-friendly software.

- The application features an intuitive and interactive dashboard, compatible with any iOS or Android device.

- This software creates a detailed picture of behavior and physical change.

- ArtSoft Consult's team delivered a technical solution ensuring the system's high performance even under heavy data loads and intense usage.

- The application was extended over the years with new features and customized according to the branding guidelines of the partners who used it.
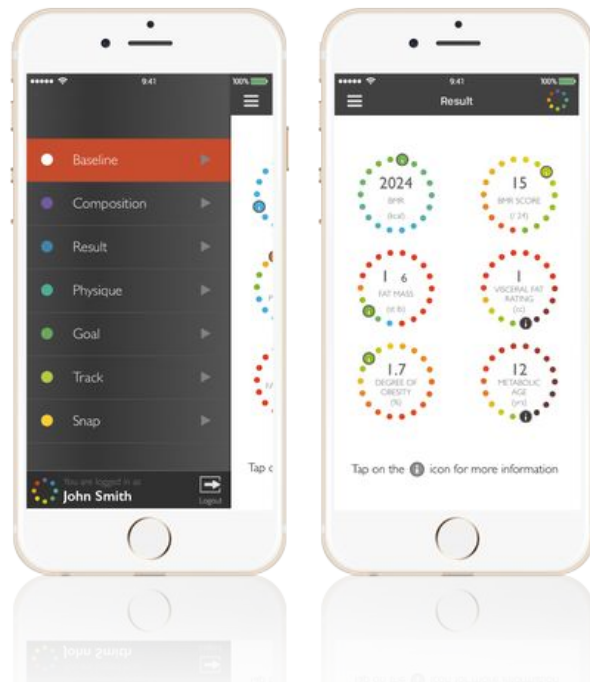
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## Product Overview

Is a precision body composition and cellular monitoring application that fuses clinically validated hardware with simple, **intuitive software**. The application delivers validated statistics to any device so users can access them from anywhere. Analysis, goal setting, tracking, reporting, and sharing of individual and organizational data sets are all accessible in a secure cloud environment.

## Requirements

The customer needed an iOS and Android application that can interact with the server-side application that is interconnected with the **specialized scales** commercialized by the customer. He required a fast development of the iOS version to test the market and to be able to adjust the product based on the feedback collected from the users.

## Challenges

One of our challenges was to ensure that we provide a **reliable and robust solution** in a short time. We used agile methodology to develop a complete solution and to ensure the project was delivered on time and within budget, coping with the changes in the specifications that characterize the development of **innovative solutions**.
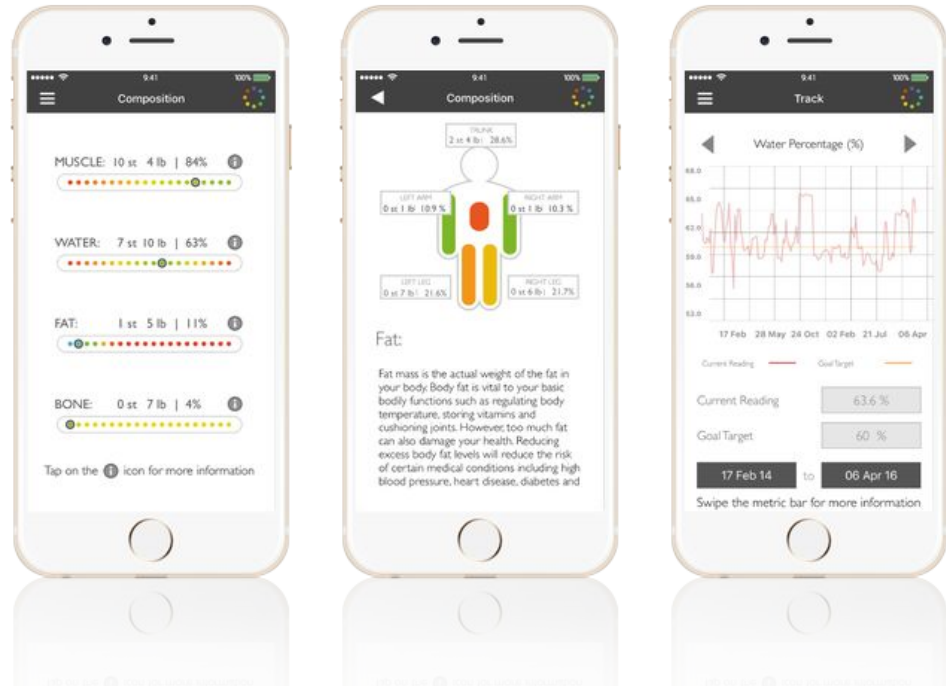


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# Provided Solutions

ArtSoft Consult's team provided the **technical solution** that assures the high performance of the system even at very high loads of data and intense usage. We succeeded in fulfilling all requirements, including **performance indicators** by developing a robust server in C#. The technology is trusted by leading hospitals, universities, corporations, formula one, premier league football, and other elite sports teams as well as public and private fitness, health, and leisure operators.

We also supported the development of the business, by adding new features to the application and customizing it for different health institutions.

This software creates a detailed picture of behavior and physical change. It links seamlessly to a range of other devices and social media platforms, and makes data exportable and printable.

One of the devices linked to the system is the Tanita **Pedometer** for which our company developed the driver and data interpretation module.

# Let's get in touch

ArtSoft Consult is a trusted partner in the IT industry, providing tailored solutions to address your unique business challenges.

With our proven expertise our team delivers innovative solutions and development services.

Drawing from years of experience and industry insights, we deeply understand this industry and we look forward to working with your business.

For more details on our services and team, please **contact us**.

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