



Personalized protein,
delivered at the optimal time.

01 About Balution

Balution is an AI-driven healthcare company that provides personalized protein and nutrition solutions through biometric data analysis. We go beyond simple supplementation by building an intelligent platform that analyzes individual health data and designs optimized nutrition routines.

02 Vision

Balution precisely interprets each individual's physical condition through biometric data and delivers personalized nutrition designed by AI. We transform data from simple numbers into a sustainable asset for long-term health management.

03 Core Technologies

- AI Biometric Analysis: Real-time interpretation of heart rate, body composition, activity levels, and sleep data
- Smart Vending Solution: AI-driven formulation of personalized protein shakes
- Mobile App Integration: Diet coaching, routine management, and nutrition reports in a unified platform
- Sustainable System Design: Planned eco-friendly, refill-based cartridge structure



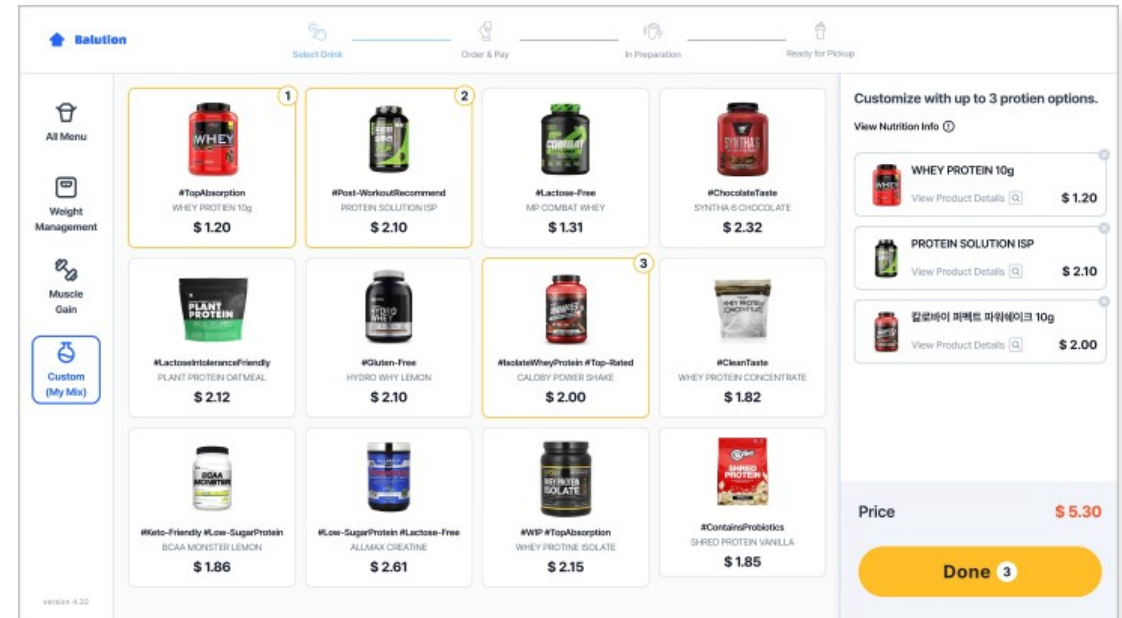
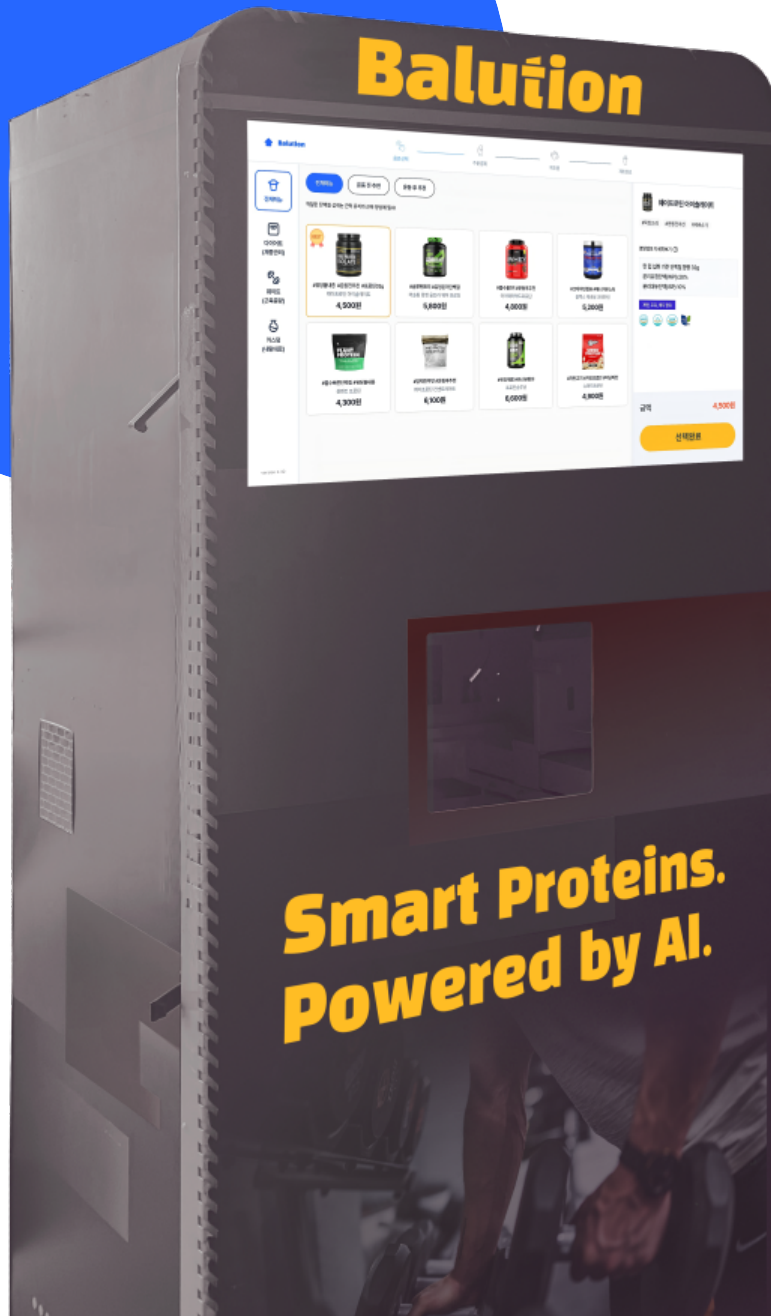
InBody Measurement & App-Based Analysis

When users measure weight, body fat, and other metrics through an InBody device, Balution's AI automatically collects and analyzes the data. The system generates a personalized nutrition profile and designs an optimal protein and nutrient balance based on each user's condition and goals.



AI-Driven Biometric Analysis & Protein Recommendation

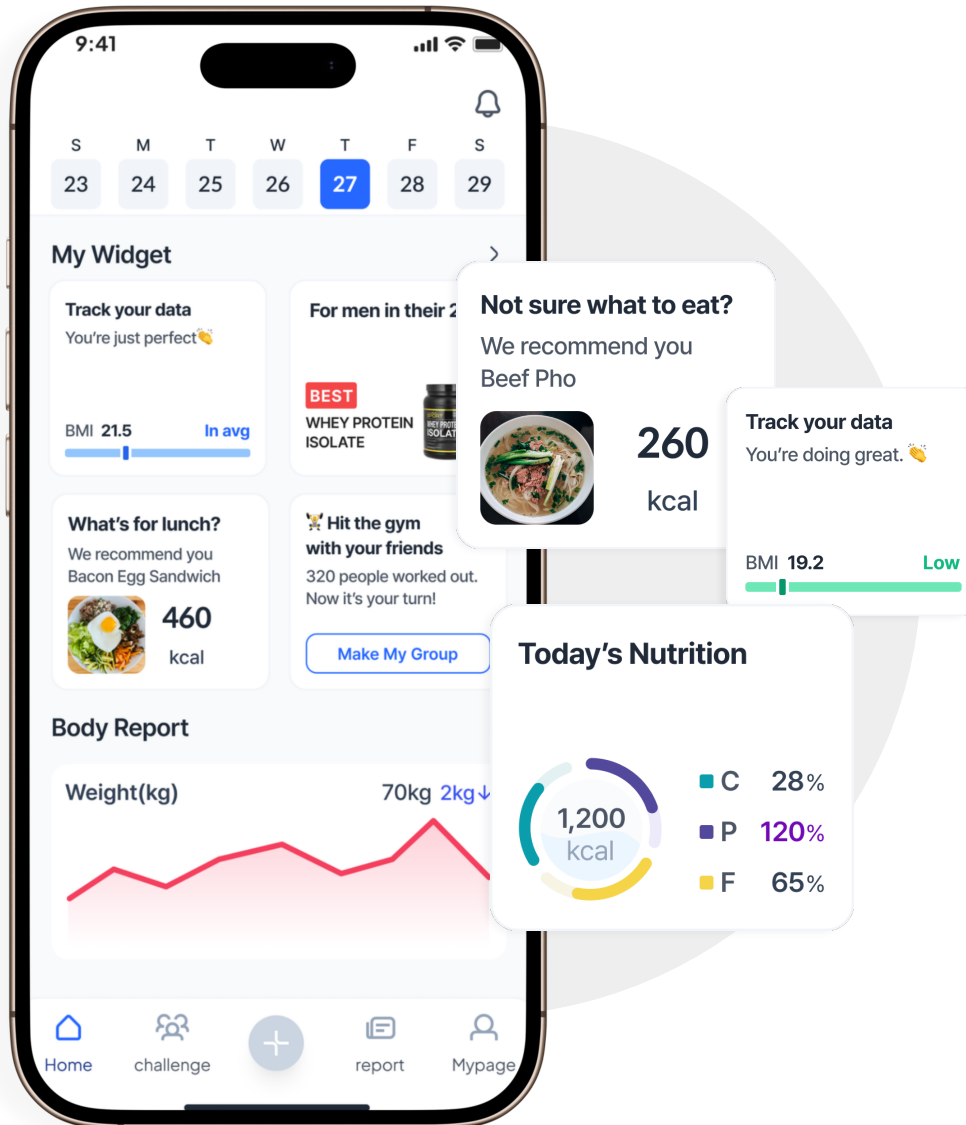
Based on the AI analysis, the Balution vending machine formulates a customized protein shake instantly. Recommended ingredients and combinations are generated from real biometric data, delivering a scientific, personalized nutrition solution.



AI-Generated Nutrition Coaching with 900+ Combinations

The Balution vending machine is equipped with 13 ingredient slots. Using biometric data and nutrition analysis, the AI automatically designs the optimal protein and nutrient recipe by combining these slots in over 900 possible ways.

Users can view the recommended recipe through the mobile app and instantly produce a personalized shake with their custom selection.



Personalized Widget Interface

Users can customize the home screen by selecting the features most relevant to their goals.



Integrated Nutrition Tracking

Nutrient intake from Balution vending machines is automatically synced to the app, allowing users to monitor their daily protein consumption easily.



Activity & Workout Tracking

Connected health features enable users to track activity levels and calories burned, viewed alongside their nutrition history in one unified dashboard.



AI Coaching Powered by Cumulative Data

AI continuously monitors biometric trends and provides tailored recommendations for optimal workouts and meal planning — including personalized protein guidance.

Key Features & Value Offering



App Service

Balution analyzes InBody and activity data to evaluate each user’s nutritional status, offering AI-driven protein formulations and personalized diet coaching.

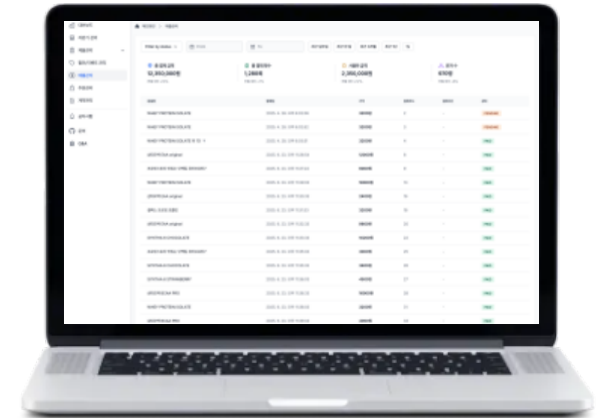
The app supports intake tracking, reports, and routine management in one mobile platform.



Smart Vending Machine Sales

Balution provides AI-powered vending machines equipped with 13 ingredient slots, capable of dispensing personalized protein shakes optimized to each user’s biometric profile.

The machines can be deployed across gyms, offices, campuses, and other venues, generating additional revenue through recurring usage data.



Admin ERP System

A unified management platform for operators and partners. It offers real-time insights into machine status, inventory, slot configuration, sales metrics, and customer data—improving operational efficiency and supporting business decision-making.

AI-powered personalized
nutrition & diet coaching platform

13-slot ultra-personalized
protein dispensing system

All-in-one platform for operations,
data, and inventory management

Balution offers a next-generation healthcare service built on advanced biometric devices.

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