

Made Just For You

Produced Only for You

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K-AOSS

Korean Auto Optimal Smart Solution

한국 최적 자동 스마트 솔루션

Introduction

An AI-supported personalized skin and hair care system developed by The Mossi with Korea-based business partners, capable of instant on-site production.



In skin care,

100%

personalization
has begun!

Meet K-AOSS artificial intelligence technology!

1. What is K-AOSS?

K-AOSS is a system that analyzes skin and scalp with high accuracy, uses artificial intelligence, and can instantly produce personalized products for each individual.

In this system, we bring together robotic technology, artificial intelligence, and dermocosmetics.



2. Technology Foundation

2.1. Precision Diagnostic Device

The K-AOSS journey begins with a diagnostic device. Data is collected and processed using a scanning device developed with advanced Korean technology.

- HD microscopic camera with 50x magnification
- 12-zone analysis: 5 facial zones and 7 scalp zones
- 98.3% analysis accuracy
- Detected parameters:

Skin	Pores, wrinkles, sebum, dryness, skin tone, pigmentation, sensitivity, acne/trauma
Scalp	Dandruff, sebum balance, dryness, hair type, hair-loss progression, moisture, thickness and density

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2.2. Artificial Intelligence Analysis System (AI Engine)

The collected data is analyzed with artificial intelligence to identify the formulas required by the skin and scalp.

Deep-learning-based algorithms (K-Net, Frangi Filter)

- Modeling based on more than 120,000 sample data points
- Algorithm calibration for 6 different ethnic groups
- 50 different skin profiles based on a Skin MBTI system
- Dermatological measurements through numerical scoring: wrinkle density, sebum level, color homogeneity, pore visibility



2.3. Instant Production and Formulation (Robotic System)

The K-AOSS robot can produce personalized skin and hair care products in only 4 minutes.

- Production in only 4 minutes after diagnosis
- More than 100,000 formulation combinations

Personalized:

- Base selection (oil-water type)
- Active ingredient combination based on skin/scalp concerns
- Fragrance profile (Hinoki, Oriental, Citrus, etc.)
- Texture selection (essence, ampoule, lotion, serum)

The AI-powered robotic system enables the production of formulas tailored to the user’s individual needs.



**Discover your skin with
advanced AI diagnostic technology!**

An algorithm that identifies your skin structure with 98.3% accuracy and creates a unique formulation.

3. Product Range and Personalization Areas:

A broad product range designed to meet different skin and hair care needs is produced with AI-powered technology.

The products use imported ingredients developed in Korea.

Products are 100% Korean.



3.1. Skin Care Products

All products contain functional ingredients (claims) personalized according to skin concerns.

Product	Features
Essence	Provides skin care and repair with a fast-absorbing, lightweight yet effective texture.
Lotion	Offers long-lasting care and protection against skin concerns with its rich texture.
Ampoule	Provides intensive care and repair for skin problems with concentrated ingredients.
Face Agent	Provides an anti-aging care routine with intensive skin care and repair, plus powerful new-generation anti-aging agents.
Sunblock & Care	Provides high protection against UVB and UVA rays with SPF50+ and PA++++; also offers active support for skin concerns.
Tone-Up BB & Care	Evens skin tone, provides high UVB and UVA protection with SPF50+ and PA++++, and supports skin concerns with active ingredients.

3.2. Hair and Scalp Care Products

Shampoos

- Daily care and repair shampoo
- Special pre- and post-hair-transplant shampoos
- Special pre- and post-hair-transplant serums

Creams

- Repairing Hair Care Creams (Treatment)

Serums

- Water- and oil-based serums for before hair transplantation
- Water- and oil-based serums for after hair transplantation



4. K-AOSS’ Powerful Differentiators

Features	Description
Diagnostic Speed and Accuracy	Comprehensive analysis in seconds, 98.3% accuracy
Personalized Production	Formulation selected from over 100,000 combinations in 4 minutes
AI Engine	Algorithms continuously improving through deep learning
Modular System	Integrated device, software, formulation, and production

5. Skin Care Products

5.1. Essence

How to use:

- Apply to clean skin morning and evening.
- Spread with gentle patting motions.

Frequency: Twice daily (preferably in the evening)

5.2. Ampoule

How to use:

- Apply after essence.
- Apply 3-4 drops to target areas.

Frequency: Once daily (preferably in the evening)

5.3. Face Agent

How to use:

- Apply at night to clean skin.
- Use 1 drop and spread over the entire face.

Frequency: 2-4 times per week
Note: Contains advanced anti-aging ingredients.

5.4. Lotion

How to use:

- The final step of the skincare routine.
- Spread over damp skin.

Frequency: 1-2 times daily
Note: Suitable for use before makeup.

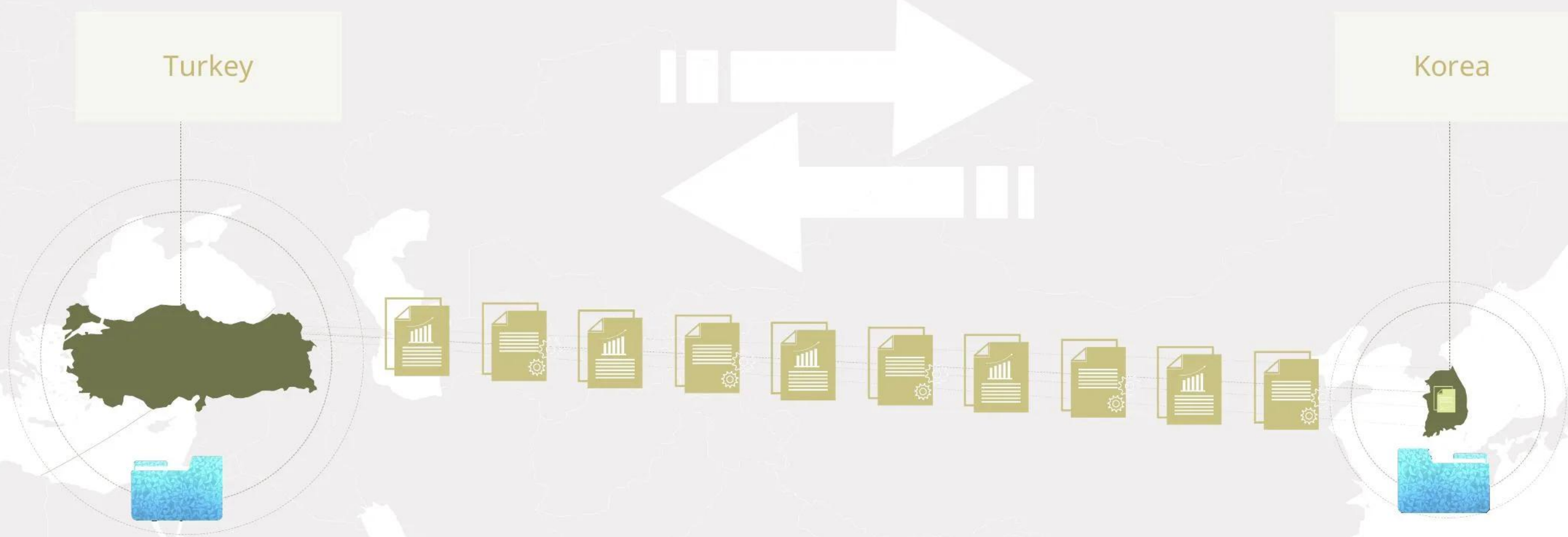
5.5. Sunblock & Care (SPF50+ PA++++)

How to use:

- Apply 15 minutes before going outside.
- Refresh every 3-4 hours.

Note: Suitable as a base under makeup. Apply to the face and neck area.

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