ESHA Research was established in 1981 with the goal of providing a comprehensive nutrition database with few missing values.

Our Solutions Include

- Food Formulation & Labeling Software
- Restaurant Menu Analysis & Labeling Software
- Supplement Formulation & Labeling Software
- Nutrition & Diet Analysis Software
- Consulting Services
Genesis R&D
Food Analysis & Labeling Software

• Released in 1991
• Pre & Post 2016 Label formats
• Product Development
• Menu Analysis
• Nutrient Analysis
• Nutrient Search
• Reporting Features
• Audit Trails

• US, Canada, Mexico, & EU Label Formats
• Labeling & Compliance
  – Allergen Statements
  – Ingredient Statements
  – Nutrient Content Claims
Please Note!

- The webinar is being recorded
- All webinars available on our website
- Submit your questions in the GoToWebinar control panel
Today’s Agenda

During this 45 minute webinar we will cover:

• Database Exporting & Importing
  – .exl files
  – Using Groups
  – Exporting Label Display & Reports

• ESHA Port
• Genesis API
• Q&A
Exporting & Importing:
- .exl files
- Groups

Exporting:
- Recipe as an Ingredient
- Label Display Report as Vector
- Reports
  - Basic Reports - Print to PDF, excel, notepad
  - Reports Plus – Print as Vector
Groups are used in:
- Genesis R&D Foods
- ESHA Port
- ESHA Security
- Genesis API

Helpful In:
- Searching for ingredients, recipes, advanced labels, and food menu
- Organizing any above item
- Archiving any above item
- Designate read write access
- Publishing label data to external & internal interfaces
Integration - Data Flow

- Supplier Data
- PLMs
- Labs

Genesis R&D Users

- Publications
- PLMs
- Other Apps
How to generate a label with Genesis using data from your ERP system?
ESHA Port 4.4
– Has a UI
– Bulk data import
– Bulk data export
– Text delimited file
– Can be run from the command-line.

Genesis API 3.0
– No UI
– Some bulk operations
– Typically operates on a single record
– Can create new and update existing records
– On-demand/real-time data retrieval
The ESHA Port Solution

- Export from ERP system
  - Delimited Text File
- Import to Genesis via ESHA Port
- Verify formulation in Genesis
- Create Label in Genesis
  - Export Label as a vector image
What is an API?

- Application Program Interface

- Clearly defined methods of communication between software components or applications

- A bridge between different applications
How it works
The Genesis API 3.0 Solution

- ERP system makes a: 
  - *UpdateFood* API call
- API updates food in the Genesis database
- ERP system makes a: 
  - *GetLabelImageByFoodId* API call
What can you do with the API?

Case Study: Wegmans Grocery

- Links data from Genesis R&D to:
  - In-store scales
  - Website
- Reduces duplicate data entry
- Saves time and resources
What can you do with the API?
ESHA DataLink
Integration with TraceGains

How it works

TraceGains requests new or updated data from your supplier

Your supplier uploads this data to TraceGains

Genesis pulls the supplier data from TraceGains

Data is reviewed and imported into Genesis
This training session covers the fundamentals of the Genesis R&D Food program: creating ingredients, building recipes/formulas, obtaining nutrition analysis, analysis reporting, best practices, and basic labeling features.

Advanced Genesis Workshop | Oct 12-13, 2017 | Portland, OR
This workshop covers advanced topics in detail such as new FDA labeling regulations, due diligence and documentation for transitioning to the new labels, new program features, PDCAAS (protein digestibility score), range formulas, advanced labels, and more.

Genesis Professional Training | Dec 7-8, 2017 | Anaheim, CA
This training session covers the fundamentals of the Genesis R&D Food program: creating ingredients, building recipes/formulas, obtaining nutrition analysis, analysis reporting, best practices, and basic labeling features.

For more information contact training@esha.com.
Questions?

Contact Us!
Phone: 503-585-6242
Sales: sales@esha.com
Support: support@esha.com
Consulting Services: CS@esha.com

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