3 Ways to Share Genesis R&D Data Internally & Externally

Presented by ESHA Research

Tuesday, September 19, 2017

11:00 AM PDT | 1:00 PM CDT | 2:00 PM EDT

esha RESEARCH

About ESHA Research

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

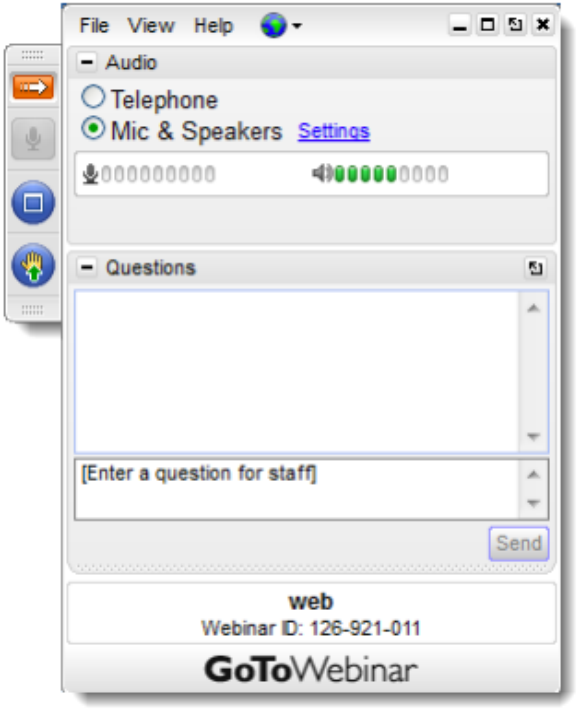
Food Analysis & Labeling Software

- 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

Database Exporting & Importing

Exporting & Importing:

- .exl files
- Groups

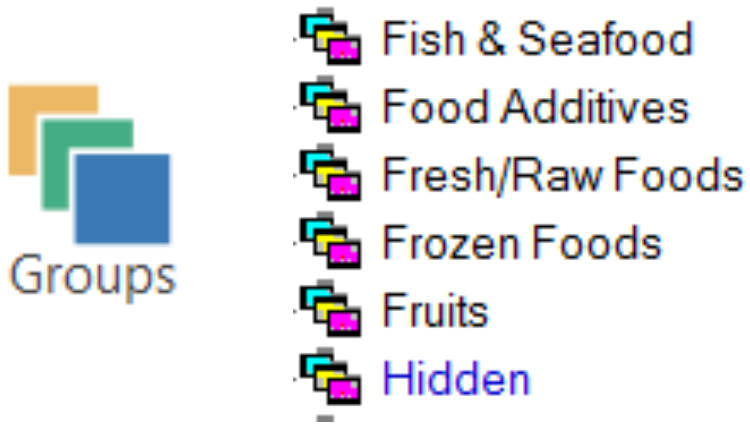
Exporting:

- Recipe as an Ingredient
- Label Display Report as Vector
- Reports
  - Basic Reports - Print to PDF, excel, notepad
  - Reports Plus – Print as Vector

Groups

Groups are used in:

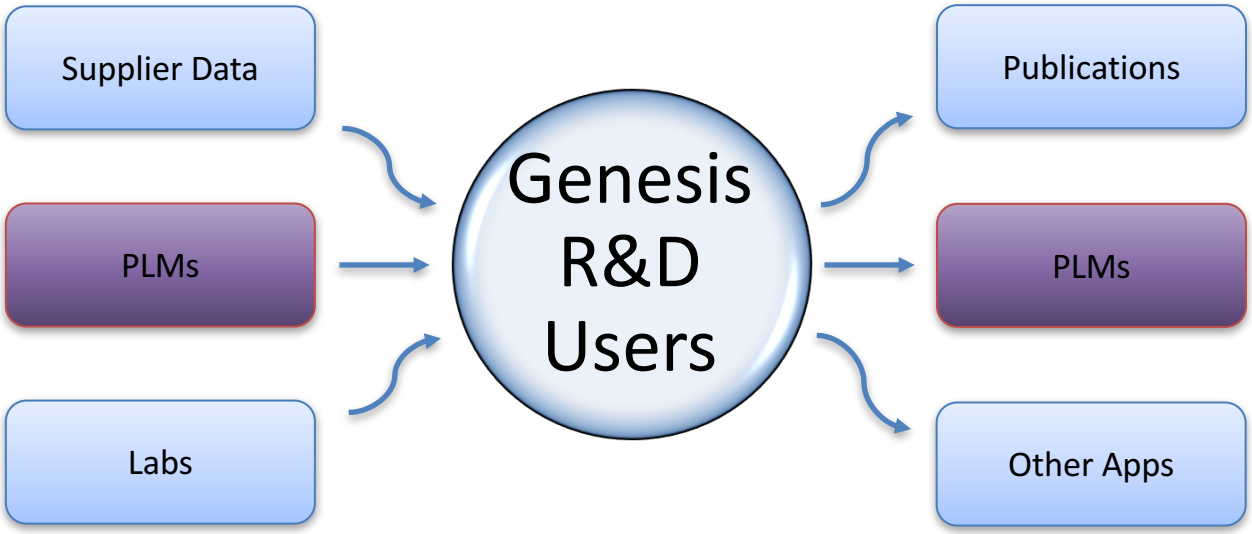
- Genesis R&D Foods
- ESHA Port
- ESHA Security
- Genesis API



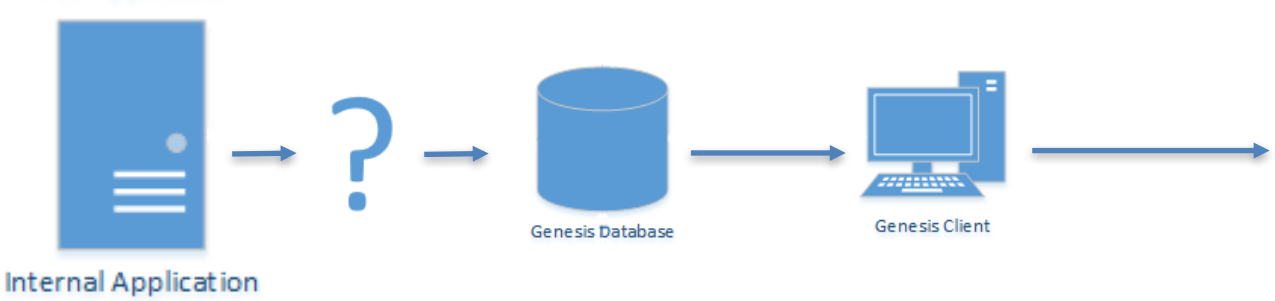
Helpful In:

- 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



How to generate a label with Genesis using data from your ERP system?



Nutrition Facts

8 servings per container
Serving size **2/3 cup (55g)**

Amount per serving
Calories **230**

	% Daily Value*
Total Fat 8g	**10%**
Saturated Fat 1g	**5%**
Trans Fat 0g	
Cholesterol 0mg	**0%**
Sodium 160mg	**7%**
Total Carbohydrate 37g	**13%**
Dietary Fiber 4g	**14%**
Total Sugars 12g	
Includes 10g Added Sugars	**20%**
Protein 3g	
Vitamin D 2mcg	10%
Calcium 260mg	20%
Iron 8mg	45%
Potassium 235mg	6%

* The % Daily Value (DV) tells you how much a nutrient in a serving of food contributes to a daily diet. 2,000 calories a day is used for general nutrition advice.

ESHA Port 4.4

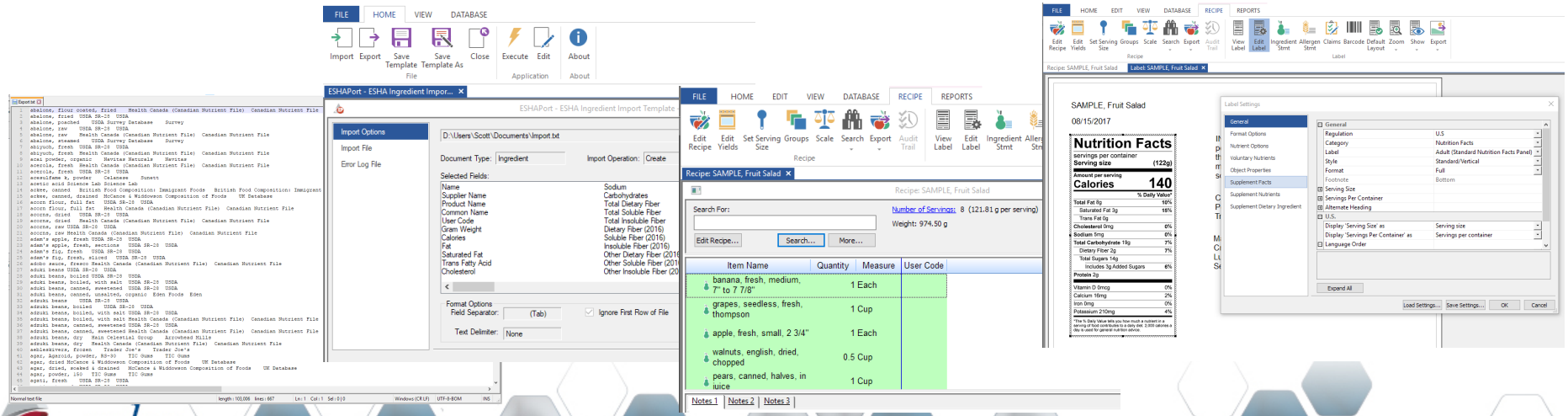
- Has a UI
- Bulk data import
- Bulk data export
- Text delimited file
- Can be run from the command-line.

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

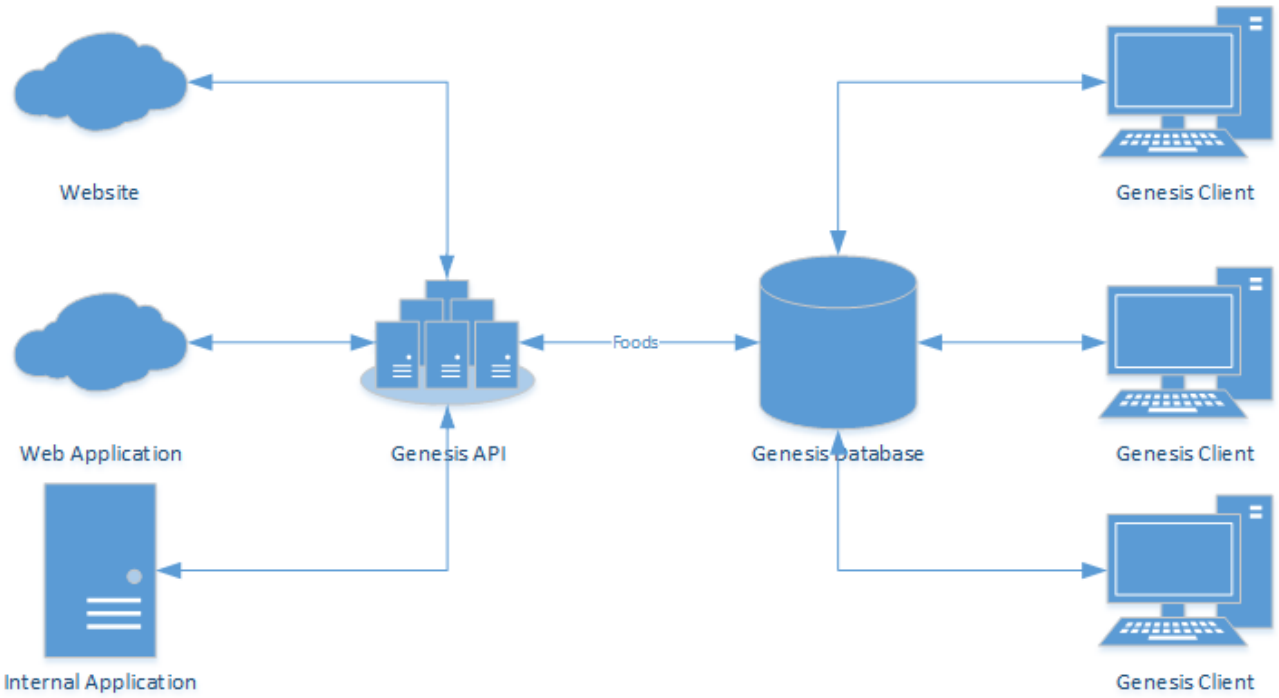
- Export from ERP system
  - Delimited Text File
- Import to Genesis via ESHA Port
- Verify formulation in Genesis
- Create Label in Genesis
  - Export Label as a vector image



What is an API?

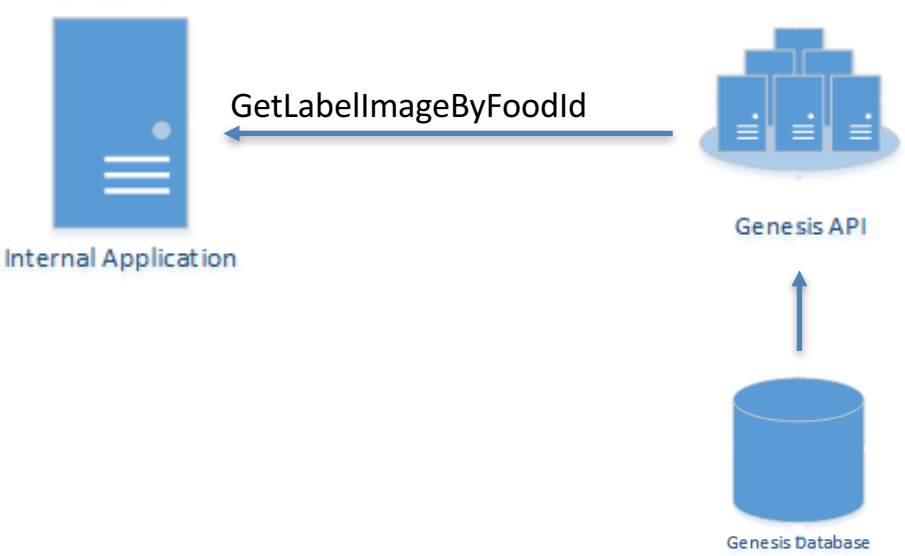
- Application Program Interface
- Clearly defined methods of communication between software components or applications
- A bridge between different applications

How it works


Website
Web Application
Internal Application
Genesis API
Foods
Genesis Database
Genesis Client
Genesis Client
Genesis Client

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



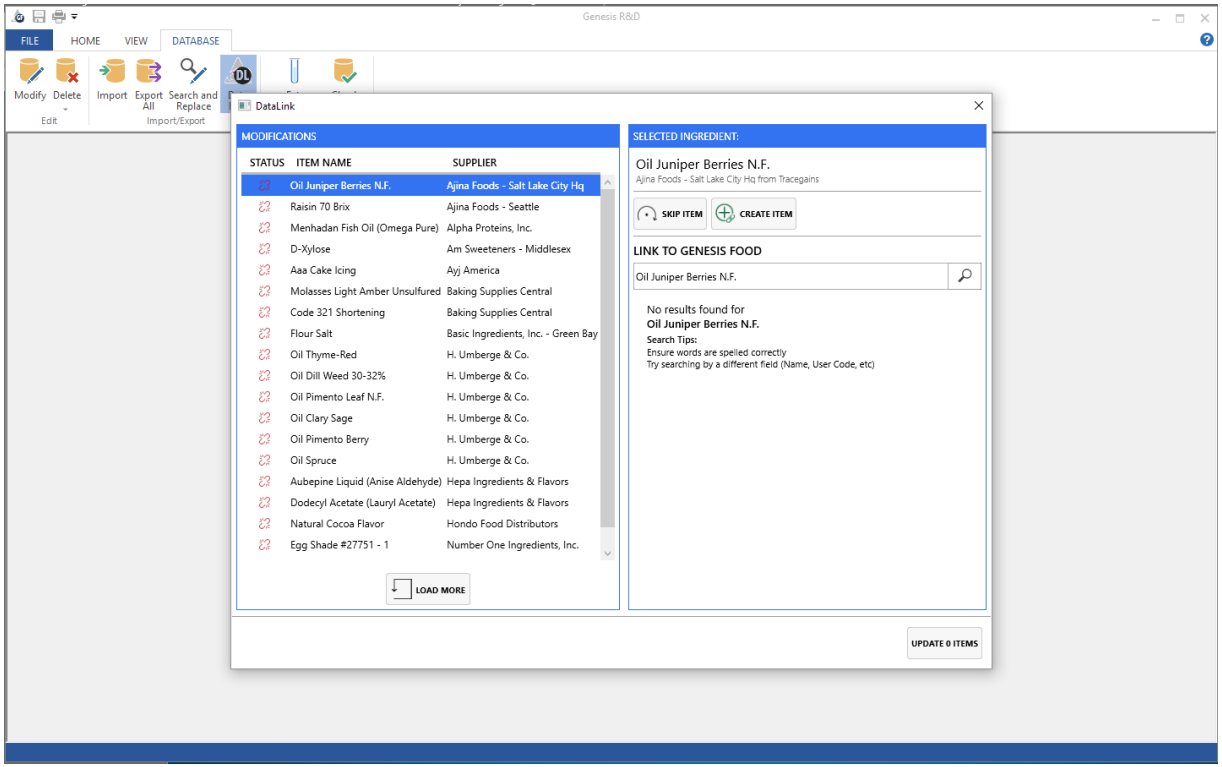
What can you do with the API?

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



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

Genesis R&D Training

Genesis Professional Training | Oct 10-11, 2017 | Washington, D.C.
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
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