



Illionix



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Company Profile

Industry Sector: Health & Wellness

Company Overview: Illionix is a technology development and research company that focuses on creating new software, sensors, and novel electronic devices. It has the required expertise to develop the 3d laser scanning technology and the analytics algorithms for volume estimation and image segmentation that provide DDMP with its novel functionality.

Target Market(s): Major hospitals and clinics



Key Value Drivers

Technology*: An integrated, scalable system for both clinical and research applications that collects and manages data on an individual's food intake.

Competitive Advantage: DDMP is designed for high accuracy measurement of food volume, low user burden, low cost. It features extensive scalability and standardization for streamlined data sharing between multidisciplinary users.

Plan & Strategy:

1. Improve Hardware and Increase System Compatibility
2. Prepare for the Validation Study
3. Conduct the Validation Study



Management

Leadership: Alexei Zyuzin, Alexander Mamishev

Scientific Advisory Board:
Alan Kristal – Fred Hutchinson Cancer Research Center
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Product Development

1. Development One: Develop a mobile application to facilitate the collection of dietary images or video.

2. Development Two: Develop a standardized dietary rich media database architecture and procedures to import and store data on the mobile application.

3. Development Three: Develop analytic tools that can incorporate existing and evolving methods for generating individual and group level dietary intake.

4. Development Four: Develop reporting systems to link outputs to patients/subjects, electronic medical records, health surveillance systems, or researchers.