

# Health-e Pro (Data Management & Archive Feature)

## Client

Health-e Pro is a leading provider of menu planning solutions in the United States. With their digitalized platform, they have revolutionized the menu planning industry, helping foodservice providers to meet significant regulation changes resulting from the Healthy, Hunger-Free Kids Act of 2010 and USDA requirements. Health-e Pro offers a wide range of innovative solutions that make foodservice planning easier and more effective for their clients. Website: [www.healthepro.com](http://www.healthepro.com)



## Challenge

Health-e Pro and its customers were faced with the challenge of complying with federal government requirements to store historical nutritional data for up to three years. Prior to our involvement, this process was completed manually each year, which was both time-consuming and required system downtime, inconveniencing end-users. Additionally, hundreds of databases and millions of files had to be manually copied over to duplicate servers and frozen in time, creating a cumbersome and inefficient solution. To access this information, customers had to log in to two separate systems with different passwords, leading to a poor customer experience.

## Approach (Services: Consulting & Hire a development team)

After researching the issue, we proposed a more effective solution to Health-e Pro. Using cloud technology, we generated accessible reports stored as PDFs for the required federal data at the end of each school year. This approach proved to be highly cost-effective, and we quickly built a prototype that met federal requirements and provided a seamless user experience for Health-e Pro's customers.

To scale up the generation of millions of reports, each with several hundred pages and up to 40 megabytes of data, we leveraged our experience and expertise to set up a system that scaled up thousands of servers on demand.

Assessed & Recreate New Functionalities to Replace Legacy Archive Architecture | Architecture | Solution Design | SW Development | Product Lifecycle Management | Program Management

## Outcome & Impact

Thanks to our approach, the updated system processes and platform was able to create PDF reports with ease, with servers spinning up and down automatically on demand. As a result, Health-e Pro only sees a temporary increase in server costs for a few days of the year, instead of a constant expense every day and hour of the year.

End-users are no longer locked out of the system for weeks at a time and can now access the required PDF reports directly in the main portal without needing a separate login. This has greatly improved the customer experience, allowing them to archive their data in just a few minutes instead of several weeks of downtime. Overall, our solution has streamlined the process, reduced costs, and improved efficiency.

- 50% reduction in monthly costs
- Improved user experience for retrieving archived records; print PDFs on demand
- Additional servers and databases are no longer needed to store records
- On-demand data archival

### Testimonials:

"Labs8 resources are always consistent. Regardless whether you are working with a project manager or junior developer, they are consistent and shares the company's core values. They make working with offshore staff seamless..." - CEO



Ready to bring your vision to life? At Labs8, we understand the importance of balancing agility with discipline as we have proven experience working with successful startups, and global companies like Microsoft, Amazon, Expedia, and Google. Contact us today for a free consultation.