

# Astera's Success Stories in Healthcare





# | Table of Contents

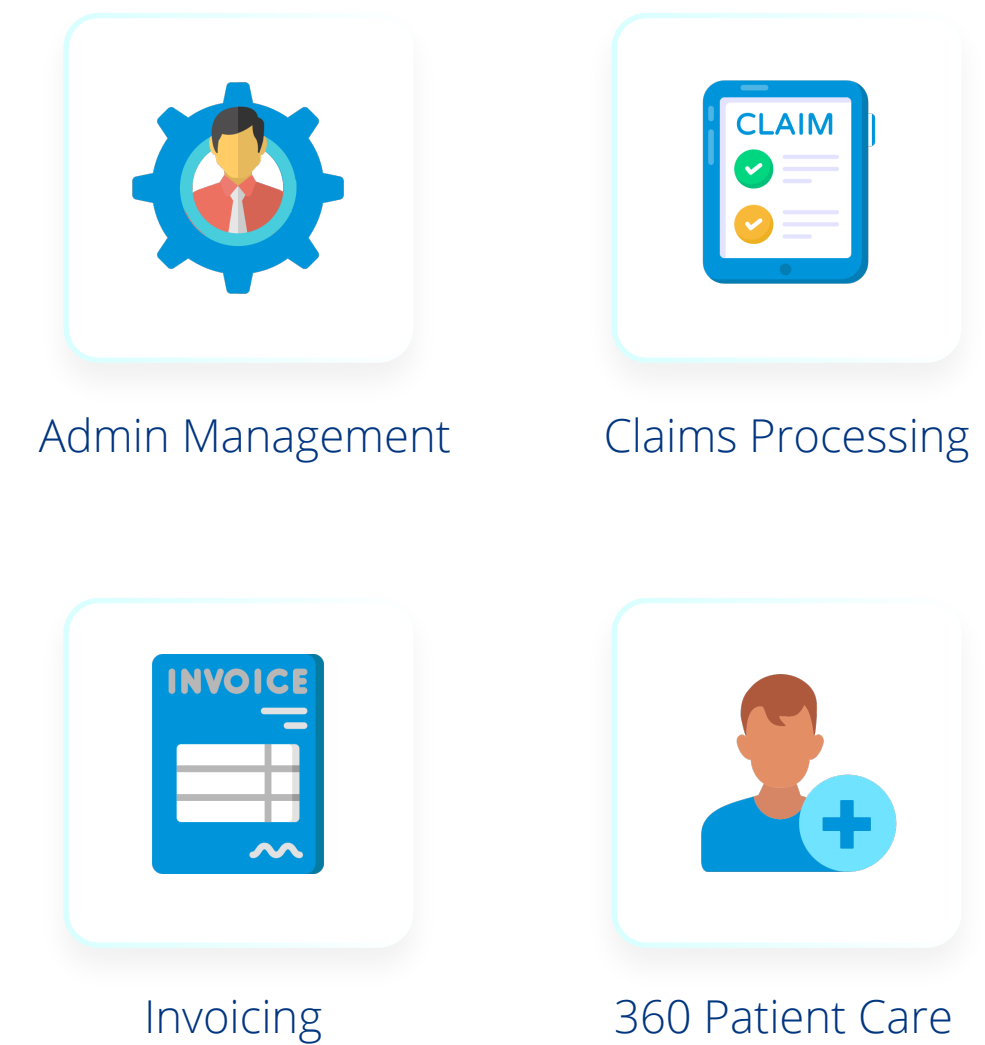
Children's Community Health Plan (CCHP)	1
Novartis Pharmaceuticals	5
Cherry Health	9
Government Healthcare Department	13

# Astera Can Help You Deliver Better Patient Care

Data can play a pivotal role in delivering quality patient care, including early diagnosis and exceptional customer experience. With an increase in digitization and medical wearables, the opportunity to collect healthcare data is growing exponentially. However, this wealth of data is of no use unless it can be seamlessly processed to generate timely medical insights and is available to nurses, medical researchers, and healthcare practitioners for use. Astera understands the importance of data in healthcare and so it ensures that its healthcare clients are not only collecting data but putting it to use as well.



## Use Cases



# Children's Community Health Plan (CCHP)



## Background

The state requires Health Maintenance Organizations (HMOs) to have a minimum 95% State Medicaid EDI data submission acceptance and approval rate to avoid financial penalties; however, CCHP struggled to meet this due to errors and inconsistencies in the claims, also known as encounters.

## Objective

To meet the 95% encounter data submission and approval rate for State Medicaid reimbursements





## Goals

The goal of CCHP's encounter process was to increase the accuracy and quality of data in EDI files sent to the Wisconsin Department of Health Services that lead to higher approval rates for maximum claim reimbursements.



## Solution

CCHP chose Astera EDIConnect for the task mainly due to its superior functionality, short learning curve, intuitive, easy-to-use development environment, and process automation capabilities.



## Results

Data submission and approval rates reached 99%

EDI files processing time cut down to just 5 minutes

Saved about 5 weeks worth of manual coding to resolve errors.

Retained \$100,000 in reimbursements



**Children's**  
Community Health Plan

Astera Centerprise has created an environment where I can create an accurate EDI file in a matter of minutes. CCHP chose this product in lieu of hiring another person to work on encounter data. Astera has kept our business because the product is easy to work with, can be set up once to be used daily, and can be automated to process files with no intervention. Additionally, the support we receive from their company is high quality.

**-Amanda Moede**  
Health Plan Analyst



[Link to full story](#)

Novartis  
Pharmaceuticals





A scientist wearing a white lab coat, blue gloves, and a white hood is working in a laboratory. They are using a pipette to transfer liquid into a test tube. The background shows laboratory equipment, including a computer monitor and various containers.

## Background

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## Goals

Novartis needed a product that could deal with a multitude of formats

The product had to provide strong data transformation and pivoting/unpivoting capabilities

The company needed powerful string and data manipulation capabilities to deal with different date formats



## Solution

Novartis selected Astera Centerprise. The key reason for choosing Centerprise was powerful data transformation feature, especially pivot and unpivot mapping, data integration and profiling capabilities and the ability to deal with data of varying quality.



## Results

Provided access to accurate data by correcting errors and inconsistencies.

Converted sales and forecast data from retailers, making it ready for analytics and business intelligence.



The product is able to handle all the idiosyncrasies of data from retailers. Data quality rules are used to identify and correct any inconsistencies. Centerprise's superior usability has increased productivity.

## Novartis Pharmaceuticals



[Link to full story](#)

Cherry Health



## Background

Due to an extensive network of patients, healthcare professionals, and medical centers, Cherry Health incurred substantial costs in managing data for its comprehensive electronic recordkeeping process. Previously, it used SQL Server Integration Services (SSIS) for data transfers, but the code-based environment of the solution required a particular skill set for performing data management tasks.

## Objective

Efficiently Manage data for its comprehensive electronic recordkeeping process





## Goals

Cherry Health needed a product that could transform production and reporting data and send it to a data warehouse for analysis

The product had to be capable of integrating data from electronic forms, submitted on a mobile device, into its Electronic Health Record system

The company wanted a product with a user-friendly interface that didn't require training in SQL code and SSIS



## Solution

Cherry Health selected Astera Centerprise to create ETL jobs as a part of the data transfer process in which the data from production and reporting databases is moved to a data warehouse for analysis.

Moreover, Astera's data extraction capabilities help users to extract valuable insights from data submitted through mobile devices.



## Results

Significant cost savings from streamlined patient form handling process

Automated ETL jobs enabled efficient data transfer and, therefore, faster-time-to insight

Quick turnaround times for executing data management projects



The tool has made data transformation more accessible. The versatility it offers in where the data comes from, what you can do with/to the data, and where it goes is simply amazing. Having Centerprise in our toolset means that we are virtually unlimited in our ability to perform data integration projects in our systems.

**-Andre Beaumont**  
Senior Database Manager at Cherry Health



[Link to full story](#)



# Government Healthcare Department



## Background

For the Veteran Integrated Service Networks (VISN), gathering insights from invoice PDFs was the main challenge because SSIS doesn't support importing data directly from this file format into the SQL Server database. This meant that pharmacoeconomists had to manually extract and aggregate data from more than 1,000 transactions every day. This prevented the team from utilizing the monthly budget better.

## Objective

Get maximum value out of the government's allotted budget and provide veterans with the best healthcare facilities





## Goals

Government Healthcare wanted to liberate data from wholesalers and Pharmacy Benefit Managers (PBMs) invoices and transform it into an SQL server compatible format for regular medication cost and inventory analysis.

The solution should be able to build a repeatable process so that the business users don't have to extract data from the invoices every time manually.



## Solution

After reviewing multiple products in the market, the team chose Astera ReportMiner to build extraction templates for the job.

In VISN's use case, Astera ReportMiner imports the invoices when they are dropped in the source folder, matches rows and columns with the extraction template, parses the data into the required format and creates an Excel file in the destination folder. After that, SSIS imports the data into the VISN's SQL Server database as part of the daily update job



## Results

The VISN's pharmacoeconomists now get deeper insights into the medication requirements, exploring opportunities for cost-savings

5,000+ Invoice transactions processed with just a few clicks

Takes less than 45 seconds to extract PDF data instead of hours



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With ReportMiner, I have a tool that does everything for me and does it flawlessly. It is like hiring a competent data assistant and training them once to do the work for you without having to review it ever again.

## Pharmacoeconomist at VISN 9



[Link to full story](#)

# Accelerate Healthcare Data Management with Astera

Astera Data Stack is an enterprise-grade end-to-end data management platform that enables healthcare organizations to manage all data needs in a unified platform -- without writing a single line of code. With Astera, you can quickly leverage medical data to improve resource utilization, ensure regulatory compliance, build a 360-view of patient data, automate and integrate EMR and EHR services and timely uncover clinical insights. From data extraction and integration to API services, our platform is a one-stop solution that helps you make data-driven decisions faster.





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