"We decided to partner with Byte Sized Solutions to meet the demands of our growing business. They were able to provide automated solutions to complex business challenges. It's group of developers are forward thinking when it comes to data architecture. They took the time to understand our data, which resulted in a stable and effective overall data architecture for our company. Byte Sized Solutions has the depth and knowledge to handle diverse data sources, file types, and integration types. This allows them to develop efficient tools to drive new processes and payer mandates into our organization."

—Terri Godar
Director of Information Services
Advocate Health Partners

Background

Advocate Physician Partners (APP) is a leading Accountable Care Organization that unites over five thousand physicians across the Chicago Metropolitan Area and Central Illinois. They are an integral component of Advocate Health Care, the largest health system in Illinois. APP has been praised for its population health management and clinical integration program, earning accolades from national publications including *The New York Times.*

While APP clearly excels with these programs, they are still guided by one simple principle; providing the highest quality care while striving to improve patient safety and outcomes. Their ACO first became involved with Medicare's Shared Savings Program (MSSP) in 2012 and has been consistently reporting substantial improvements in outcomes and financial savings each year.

The Initial Challenge: Managing Claims Data to Meet MSSP Requirements

While Advocate Physician Partners enjoyed notable success, they were challenged by new regulatory mandates, data requirements and tight deadlines necessary to meet the demands of the Medicare's Shared Savings Program.

APP needed to assess, extract, normalize and interpret raw claims data and build a readily accessible data warehouse that stored information for both reporting and analysis. Finally, they needed to upload the transformed claims and eligibility data into the APP Cerner HealtheIntent™ for dissemination to the ACO leadership team and to Centers for Medicare and Medicaid Services (CMS) to satisfy MSSP reporting requirements.

Byte Sized Solutions and APP Collaboration

Byte Sized Solutions and APP began their productive relationship several years prior to the ACO undertaking. It was then that the Byte Sized Solutions team fostered an intimate understanding of APP's financial data and operational systems, earning their trust along the way.

ByteSizedSolutions

The Byte Sized Solution

APP's Information Services team worked closely with Byte Sized Solutions to leverage its deep knowledge and understanding of healthcare financial data. They designed a system to successfully evaluate and manage the ACO's shared savings program results through a financial claims and eligibility database. The resulting solution accomplished three goals:

1. **Data Import and Warehouse Setup:** created an efficient process for importing and integrating claims eligibility and provider data. Once in the data repository, the team analyzed and compiled the data in preparation for transformation.

2. **Data Transformation:** standardized and normalized Medicare claims files and updated practice records to include the most recent and accurate patient data. During this process, they also developed a valuable utility that created longitudinal eligibility history records that APP continues to utilize today.

3. **Data Upload:** imported normalized data to APP's Cerner HealtheIntent™ system for reporting purposes. These reports were generated for use by various APP department stakeholders, government regulatory agencies, and for MSSP reporting requirements.

Results

Saved Medicare, taxpayers and beneficiaries more than
$72 Million

- Data automation saved APP and its staff hundreds of labor hours due to Byte Sized Solutions development of effective processes and quality data base designs.

- Enabled effective tracking of financial trends over time.

- Enabled accurate tracking of member-provider attribution for accurate results reporting.

- In partnership with the Center for Medicare and Medicaid Services (CMS), APP saved Medicare, taxpayers and beneficiaries more than $72 million.

"We appreciate the work that Byte Sized Solutions has put into the MSSP project, this is just one example of the quality work they have partnered with APP on. We look forward to more successful partnerships in the future."

—Terri Godar
Director of Information Services, Advocate Health Partners

To learn more about how Byte Sized Solutions can help you, please contact us at 321.430.0502 or sales@bytesizedsolutions.com

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