

Odesso Clinical Data Connector

Business problem.

Today, many healthcare providers are moving toward offering value-based care, which means being paid based on healthcare outcomes instead of on medical acts performed. It is therefore critical to collect accurate metrics to determine healthcare outcomes. Accurately and efficiently extracting key metrics from clinical documents (e.g., blood sugar, blood pressure, body mass index etc.) is a major challenge faced by healthcare systems of all sizes.

Until now, healthcare organizations only had two options for extracting this data:

1. **Hire internally in an effort to improve quality control.** Unfortunately, since the process is still manual this approach increases workforce costs and reduces process scalability.
2. **Outsource the manual process in an effort to improve scalability.** Unfortunately, this approach negatively impacts quality control and flexibility.

Successful negotiation of value-based care contracts requires effectively extracting data from clinical documentation. But manual data extraction processes result in the following issues:

- **Lack of scalability** – Manual processes do not scale well due to training needs, turnover, and the repetitive nature of the work.
- **Long turnaround times** – Clinical documents contain data crucial to patient care and information needs to be made available to physicians within hours rather than days.
- **Poor data quality** – Human error is a natural occurrence in any manual process. Clinical documents require the highest level of compliance, traceability, and transparency to improve quality of care and effectively mitigate risk.
- **Burnout** – Anyone can experience burnout, yet it is of particular concern among healthcare workers because of the critical, high-stakes nature of the work. Time-consuming, manual processes put more of a strain on workers who are often already stretched thin.

Solution: Odesso CDC.

The Odesso Clinical Data Connector (CDC) solution—built on the AI-powered Appian Platform—completely automates document review, data extraction, and writing of key quality measures to an Electronic Medical Record (EMR), simultaneously driving quality improvement, cost reduction, and process scalability.



Odesso Health helped automate business-critical workflows to save us time and reduce manual work. Their expertise in the field of digital automation is exemplary.

Larry Thompson
IT Manager, Syneos Health



While working on a complex IT development project supporting the Federal Government, Odesso quickly became a trusted and integral part of the team, demonstrating an innate ability to synthesize business requirements into system functionality and show progress.

Jacob Tepp
Senior Manager,
Medical Programs Office

Furthermore, because organizations have already invested millions of dollars and thousands of hours in their selected EMR (clinical operations, physician engagement, outpatient, etc.), finding solutions that leverage and augment their existing investment rather than trying to replace core functionality is crucial to delivering value-based care and improving patient outcomes.

Since the Odesso CDC automates existing manual workflows, no extra work, training or modifications are needed internally. **Implementation timelines are measured in weeks rather than months, and ROI is realized immediately.** This approach reduces development time up to 90%. ([Source](#))

The Odesso CDC solution helps healthcare organizations automate their clinical documentation review procedures, reducing clinician burnout and turnaround times while improving data quality. The solution scales to support any amount of data extraction, allowing individuals to shift their focus from repetitive, manual tasks to focus on patient care and improving outcomes.

The solution seamlessly integrates with your existing EMR/EHR to orchestrate and automate the extraction of key health data required for negotiating value-based care contracts.

Differentiating features.

- Integrates directly with existing EMR(s).
- Accommodates any type of workflow (internal, external, hybrid).
- Maximizes existing data investments to minimize rework and eliminate duplication of effort.
- Requires no data migration or conversion, as the Odesso CDC connects to existing repositories (EMR, Salesforce, etc) to perform necessary tasks.
- Automates repetitive tasks to reduce workforce burnout.

Impact.

- Studies show that clinician burnout is highly impacted by the burden of documentation. ([Source](#))
- Automating these processes significantly boosts data quality and reduces turnaround time by up to 70%. ([Source](#))
- This improves patient outcomes and reduces cost of patient care.
- A reduction of 20% in treatment time can result in cost savings of over 50%. ([Source](#))

For healthcare providers who are struggling with escalating costs, very low margins, and clinician retention, the Odesso CDC solution is an easy, fast, low-risk, inexpensive way to see immediate impact where it matters most.



Odesso Health improves patient outcomes by automating critical EMR (Electronic Medical Record) workflows. Leveraging Artificial Intelligence and Machine Learning we improve data quality output and reduce turnaround time directly impacting a healthcare organization's ability to deliver quality patient care. Additionally, we make value based care a reality by reducing repetitive clinical tasks from clinicians and medical staff.



Appian is a software company that automates business processes. The Appian AI-Powered Process Platform includes everything you need to design, automate, and optimize even the most complex processes, from start to finish. The world's most innovative organizations trust Appian to improve their workflows, unify data, and optimize operations—resulting in better growth and superior customer experiences. [Nasdaq: APPN]

For more information or to schedule a demo, please contact cdc@odessohealth.com