

## Astrata's Next Generation QI-Core/FHIR-based HEDIS® Engine

### KEY BENEFITS

- **Built for the Future:** Designed to use NCQA's digital measure packages, eMeasure can supplement and gradually replace traditional HEDIS engines as NCQA releases new measures.
- **NLP-Ready:** Built with NLP certification top of mind. Once certified, unstructured clinical data can be ingested and used like standard supplemental data to demonstrate compliance and target timely quality initiatives, population-wide.
- **Interoperable:** Access gaps lists, member level results, and intermediate measure calculation results to plug into your own reporting and abstraction tools.
- **Fast, Efficient, Standardized:** No more manually coding the HEDIS spec: CQL logic automatically ties digital HEDIS packages to allowable clinical events. The cost of translating the paper spec to code? You can pocket it.
- **Flexible:** Run any digital measure you want against any line of business. Use standard HEDIS defaults, or easily configure runs for other reporting initiatives.
- **Resilient:** Designed with and for Quality professionals, eMeasure is resilient in the face of messy data, letting you know which data issues you can safely ignore and fix in subsequent runs.

### THE NEXT GENERATION OF HEDIS®

Most HEDIS engines in the wild use claims as the gold standard for structured data. The long lag time between care and claim leaves Quality health initiatives stuck in retrospective, reactive mode. Health plans pay vendors to manually translate the paper HEDIS spec into the code that runs our engines, often inefficient and brittle systems that are hard to adjust for local, non-HEDIS measurement initiatives.

Recognizing these limitations, NCQA has been working for years to develop digital measure packages that take advantage of emerging interoperability standards like FHIR, and real-time data available in EMRs, HIEs, and other registries. NCQA introduced the first set of digital measures in 2018-2019, with more coming every year. This next generation of digital measure packages takes advantage of robust, flexible, near-real-time source data that's easier for providers to deliver throughout the year, and easier to combine, align, and compare across different health systems and provider networks. The new generation of HEDIS measures makes quick work of ingesting measure packages, and ties them to emerging clinical events with higher-quality, more predictive EMR/HIE data. The cost of translating the paper spec to code is eliminated and handed back to you. Combined with local NLP certification, even unstructured data can be used with high confidence to target quality initiatives population-wide.

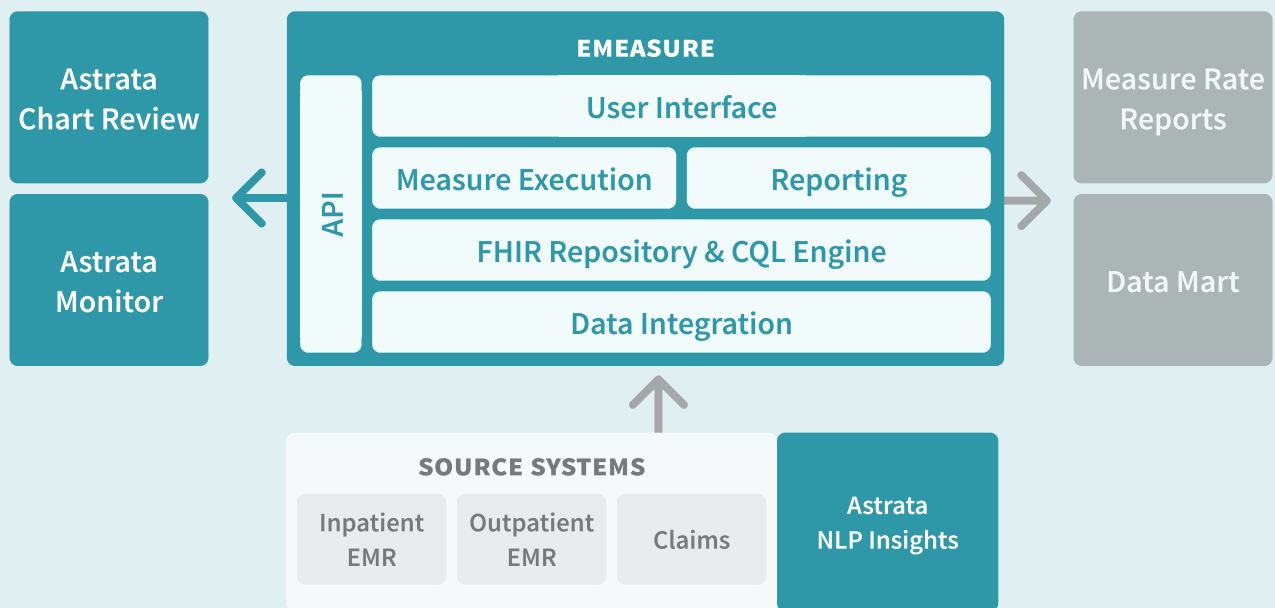
#### BUILT FOR THE NEXT GENERATION OF QUALITY

**EFFICIENT**  
Digital  
Measures

**FLEXIBLE**  
Allowable  
Adjustments

**ACCURATE**  
NLP Licensing  
& Certification

**COMPLETE**  
Admin &  
Clinical Data



## Measures

eMeasure will support:

- NCOA certified Digital Measure packages
- Custom FHIR CQL measure packages
- Use multiple measure versions

## Data Integration

eMeasure supports:

- Flat file and direct FHIR integration
- Admin data feeds such as claims, eligibility, labs, pharmacy
- Clinical FHIR data feeds
- Patient identity resolution

## Performance & Scale

- Smart data loading and processing using measure specific strategies
- Modern scalable architecture to support real-world data demands
- Planned testing on systems with +4 million members, +50 million encounters, +90 million procedures, +160 million lab results

## Reporting & Topsight

- Measure rate reporting for populations by measure, plan type, coverage type, provider, provider group, and more
- Member level intermediate measure calculation output for deeper understanding of measure results
- Reporting output for use in external Quality data marts
- Coming soon: Executive dashboards with population-level views and drill-down details

## User Interface

- User management, security, administration and HIPAA reporting
- Loading and troubleshooting data
- Loading, deleting, and running measure packages
- Creating run configurations specifying which measures to run, on which populations, with which data sources, when, and how often
- Run results and reporting dashboards

## Allowable Adjustments

eMeasure is positioned to take advantage of next-gen HEDIS' "allowable adjustments", letting health systems adjust measures for different reporting entities and health equity initiatives.