



H-IQM

Healthcare Interop Quality Monitor

Healthcare Interoperability and Data Quality Monitoring at Source

Poor or incomplete healthcare data continues to be one of the biggest impediments to clinical decision support, regulatory compliance and overall care delivery. Data quality issues are often captured in a reactive manner at later stages in downstream applications which impacts data integrity and accountability.

CitiusTech's H-IQM (Healthcare Interop Quality Monitor) solves some of the key challenges of healthcare interoperability today - data quality and monitoring at source, through prebuilt data quality rules, real-time alerts, integrated dashboards and seamless integration with existing systems.

Prebuilt Data Quality Rules

H-IQM enables healthcare organizations to leverage 1,500+ pre-built data quality and monitoring rules to assess individual data packets and check for data quality. Interop or data quality teams can also create custom data quality rules (both at an aggregate and field level) using its proprietary rule authoring module. It enables proactive monitoring for data quality as soon as healthcare data enters the ecosystem.

H-IQM: Key Advantages

- 1,500+ pre-built data quality and monitoring rules and provision to create custom data quality rules
- Tight integration with interface engines (incl. Mirth, Cloverleaf) and standard healthcare data feeds (HL7, FHIR, CSV, EDI, etc.)
- GUI based data quality rules authoring - interface engine agnostic
- Real-time data quality tracking (including trends and recommendations)
- Source traceback with audit capabilities
- Cloud-hosted solution with minimal on-premise footprint – for easy and cost-effective deployment

Real-time Data Quality Alerts

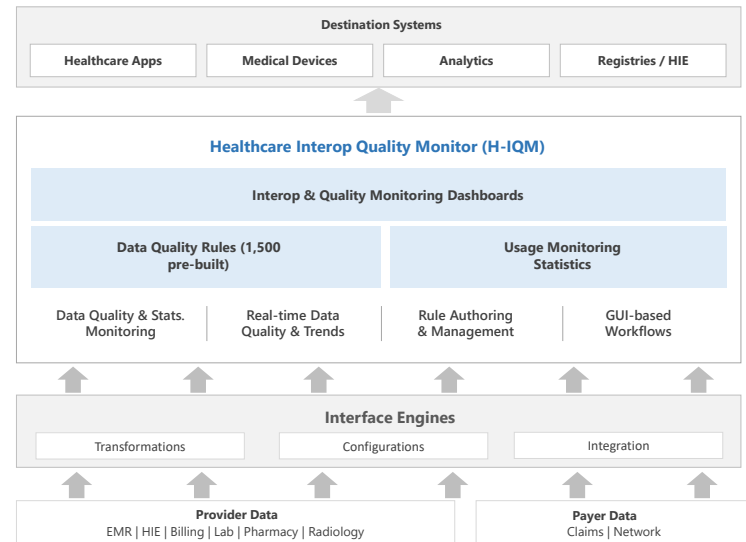
H-IQM provides real-time actionable data quality alerts that can be distributed through dashboards, email, SMS, etc. Alerts are highly customizable - with the ability to apply thresholds for specific data parameters, source systems, data types or interoperability standards.

Integrated Dashboards

Using intuitive and actionable dashboards, implementation / interface teams can quickly configure data rules and obtain a unified view of real-time data quality issues and monitoring statistics across the IT environment.

Seamless Integration with Existing Systems

H-IQM integrates seamlessly with existing healthcare systems and popular interface engines (Mirth, Ensemble, Rhapsody, Cloverleaf) to provide real-time data quality gaps, interface monitoring, dashboards and alerts. It supports various interoperability and messaging standards (HL7, CCDA, FHIR).



H-IQM Architecture

About CitiusTech

CitiusTech is a specialist provider of healthcare technology services and solutions to healthcare technology companies, providers, payers and life sciences organizations. With over 4,000 professionals worldwide, CitiusTech enables healthcare organizations to drive clinical value chain excellence - across integration & interoperability, data management (EDW, Big Data), performance management (BI / analytics), predictive analytics & data science and digital engagement (mobile, IoT). CitiusTech helps customers accelerate innovation in healthcare through specialized solutions, platforms, proficiencies and accelerators. With cutting-edge technology, world-class service quality and a global resource base, CitiusTech consistently delivers best-in-class solutions and an unmatched cost advantage to healthcare organizations worldwide.

Princeton | New York | Rochester | Dallas | Boston | Philadelphia | Mumbai | Bengaluru | Chennai | Dubai | Singapore | London