



## Integrated AnalytiX: Unified Business Approach

Solve your care challenges with our suite of enterprise platforms

Clinical Rules | BI/ Reporting | Predictive Analytics | Patient Engagement



The shift to value-based payment models has brought in significant opportunity for healthcare organizations to drive proactive and consumer-centric care.

With its powerful unified analytics-driven strategy, CitiusTech's Integrated AnalytiX approach helps healthcare organizations maximize key stakeholder efficiencies and drive patient outcomes.

Integrated AnalytiX connects the dots across the enterprise and consumer analytics landscape, minimizes technology complexity and enables healthcare organizations to take their analytics capabilities to the next level.

## Challenges and Opportunities across the Business of Healthcare

Driven by evolving payment models and new quality requirements, organizations are under constant pressure to improve patient outcomes and deliver value-based care. Driving intelligence with a holistic analytics strategy that can integrate and leverage healthcare data across the care continuum, can be a critical success factor. However, most healthcare organizations still use a traditional siloed approach to analytics and care delivery, and are faced with complex business and technological challenges in meeting their goals. Some of the common themes of challenges are:

### Data Integration and Management

- Analyzing care data across the enterprise
- Explosion of new consumer health data
- Complex range of varied point solutions
- Costly approaches to integrate, customize and maintain tools

### Clinical Quality Performance and Measurement

- Measurably identifying and mitigating risks for patient groups
- Accommodating ever-changing operational and contractual requirements
- Identifying care gaps across the enterprise
- Addressing continual regulatory and quality updates

### Mobile and Patient Engagement

- Actively engaging consumers, providers, payers with quantifiable results
- Remotely monitor care with an accurate view of patient's health
- Support the range of wearable devices, home sensors, patient portals, etc

## Integrated AnalytiX: Overview

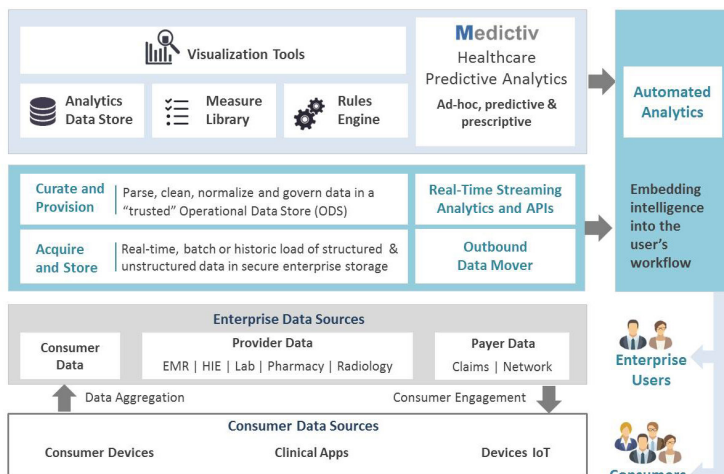
CitiusTech's Integrated AnalytiX addresses the issues challenging healthcare today. It's suite of enterprise platforms provides data management strategies, BI/ analytics, clinical quality, mobile engagement and predictive analytics.

Integrated AnalytiX enables healthcare organizations to connect fragments of data from across the healthcare ecosystem, draw actionable insights and engage key stakeholders at the right time with the right information, while addressing their unique data and analytics needs including:

- Single source of truth to enable data aggregation, person identification and management of massive structured and unstructured data sets
- Managing large sets of healthcare metrics to drive existing and emerging quality initiatives (MACRA, MU, HEDIS®, bundled payments, CMS Star, etc.)
- Streaming and automated analytics for real-time alerts, events and notifications
- Single end user interface to boost efficiency and effectiveness
- Patient engagement 'outside the four walls' to prevent unnecessary costs



#### BI-Clinical Healthcare BI & Analytics



Integrated AnalytiX: A Unified Approach for Enterprise Analytics

### Integrated AnalytiX: Key Use Cases

#### Quality and Protocol Management:

Manage all quality aspects with a unified approach to regulatory rules, payer contracts and care protocols; standardize how care is provided across the enterprise

#### Patient Engagement:

Enable 360-degree care, supported by data aggregation across the care continuum; enable timely interventions and reduce encounters and emergencies

#### Payer and Value-based Care

**Contracts:** Improve quality of care delivery for P4P and correct HCC coding to maximize revenue; optimize utilization to maximize shared savings

#### Operational and Financial Efficiency:

Optimize resource utilization, reduce redundant care and identify key outliers in operational and financial workflows

#### Network Intelligence:

Make intelligence available at the point of decision-making with real-time alerts using automated analytics

#### Care Insights and Remote

**Monitoring:** Gain actionable care insights to lower emergent care with remote monitoring and mobility

#### Healthcare Data Management:

Enhance interoperability; manage data aggregation, normalization, structuring, quality and binding

### Integrated AnalytiX: Key Technology Capabilities

H-Scale	Data Lake Management	A 'One for All' configurable and robust data lake to store and manage structured and unstructured data sets (enterprise and consumer data) from disparate sources
	Streaming and Automated Analytics	Streaming and automated analytics for real-time alerts, events and notifications based on configurable clinical, utilization and financial rules
BI-Clinical	Dashboards/ Reports and Ad hoc Analytics	Data marts and visualization tools for customizable persona-based dashboards, reports and ad hoc analytics
	CQMs and Rules Engine	Powerful rules engine with 600+ pre-built KPIs and the largest CQM library – clinical, financial, operational and regulatory – with the ability to configure custom measures
Medictiv	Machine Learning and Predictive Analytics	Prediction models (statistical, NLP and machine learning) for healthcare data mining and predictive modeling
M-Verge	IoT and Mobile Connectivity	Patient engagement, remote monitoring, and light-weight care delivery through connectivity to home, LTC, consumer devices, wearables and IoT

\* HEDIS is a registered trademark of the National Committee for Quality Assurance (NCQA).

## About CitiusTech

CitiusTech is a specialist provider of healthcare technology services and solutions to medical technology companies, providers, payers and life sciences organizations, with over 2,700 professionals worldwide. CitiusTech's services and solutions include healthcare software development, healthcare interoperability, regulatory compliance, BI/analytics, consumer engagement, care coordination and population health management. CitiusTech helps customers accelerate innovation in healthcare through a number of solutions and accelerators for clinical quality reporting, healthcare big data, cloud computing, mobile health and predictive analytics. With cutting-edge technology expertise, world-class service quality and a global resource base, CitiusTech consistently delivers best-in-class solutions and an unmatched cost advantage to healthcare clients worldwide.

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