

■ CitiusTech

# HealthSPARX

## Unlocking actionable insights from real-world data: A platform for pharma transformation

The pharmaceutical industry is undergoing a revolution fueled by real-world data (RWD). Organizations need to harness RWD to improve clinical research, regulatory outcomes, treatment strategies, reimbursement, and patient services. However, the full potential of RWD is often locked behind data silos, quality issues, and analytical bottlenecks.

Our cloud-enabled RWD platform, built on Microsoft Azure, offers a robust, compliant, and scalable solution to seamlessly integrate, manage, and analyze diverse RWD datasets, including EHRs, claims, and syndicated data.



## Core capabilities

### Data management and standardization



Prebuilt pipelines for claims (SHA, IQVIA) and EHR datasets (HealthVerity) ensure efficient data onboarding with built-in quality control

### RWE Analytics & clinical decision support



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### Smart data de-identification




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### Real-time visualization





Provides out-of-the-box patient journey analytics for large cohorts, enabling rapid insights into patient behavior and treatment patterns


## Key benefits


- 
**Seamless RWD integration**

Significantly reduces the time and effort required to onboard multiple RWD sources.
- 
**AI-Driven analytics**

Leverages advanced AI/ML-powered analytics to support predictive modeling, disease progression tracking, and clinical decision support.
- 
**Rapid deployment**

As a PaaS solution, the platform enables quick onboarding of users and data within weeks.
- 
**Regulatory compliance**

Significantly reduces the time and effort required to onboard multiple RWD sources.
- 
**Scalable & future-ready**

Leverages advanced AI/ML-powered analytics to support predictive modeling, disease progression tracking, and clinical decision support.
- 
**Enhanced patient outcomes**

As a PaaS solution, the platform enables quick onboarding of users and data within weeks.

## Quantifiable results

**90%**

**Reduction**

in data ingestion and refresh time

**85%**

**Reduction**

in new environment set-up

**50%**

**Reduction**

in time to address FDA queries

**100% Adherence**

to timeline and budget to build a scalable architecture

**Facilitated**

SaMD regulatory compliance and pre-submission dossier preparation

## Proven impact



### Accelerated patient recruitment

AI-driven solutions for faster patient identification and engagement.



### Oncology precision medicine

Predictive analytics for personalized treatment recommendations.



### Regulatory compliance & FDA support

Reduced time to address regulatory queries.



### Improved operational efficiency

Significant reduction in data ingestion and refresh time.



### Machine Learning for SaMD Optimization

AI-powered dose optimization for Software as a Medical Device (SaMD).

## Why us

We combine deep expertise in real-world evidence (RWE), data science, and cloud-based solutions to help life sciences organizations maximize the value of RWD, delivering faster insights, enhanced compliance, and improved patient outcomes.

## Ready to transform your RWD strategy?

CitiusTech is a global IT services, consulting, and business solutions enterprise 100% focused on the healthcare and life sciences industry. We enable 140+ enterprises to build a human-first ecosystem that is efficient, effective, and equitable with deep domain expertise and next-gen technology.

With over 8,500 healthcare technology professionals worldwide, CitiusTech powers healthcare digital innovation, business transformation and industry-wide convergence through next-generation technologies, solutions, and products.

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## Shaping Healthcare Possibilities



Learn more about our  
Life Science offerings

