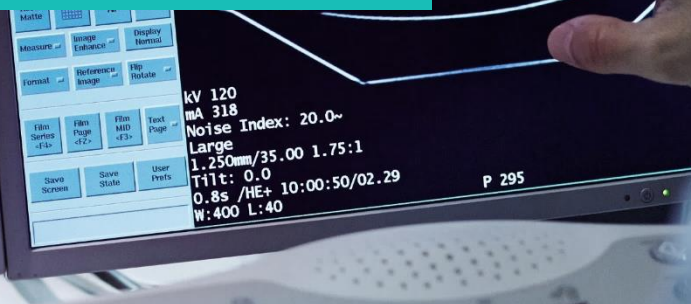
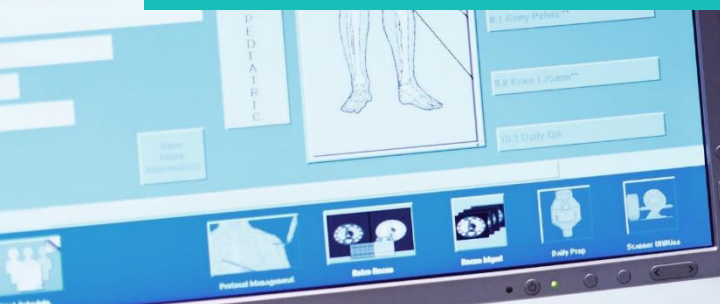


Powering the Future
of Healthcare ▶

 **CitiusTech**

Medical Technology

Leveraging a design-driven approach
and agile methodologies to help deliver
better and faster patient outcomes



www.citiustech.com

Who we are

As a strategic partner to some of the world's largest healthcare and life sciences organizations, we play a deep and meaningful role in accelerating digital innovation, driving sustainable value and helping improve outcomes across the healthcare ecosystem.



CitiusTech is uniquely positioned to address complex MedTech industry challenges, accelerate digital innovation, drive rapid adoption of value-based care models, enhance patient engagement and empower healthcare organizations to deliver better care.

2,800+

Engineering & QA professionals

30+

Healthcare technology clients

400+

Medical imaging experts

4.5/5


Client satisfaction score

Transforming & Modernizing MedTech products

MedTech companies worldwide are shifting their focus from products to connected care and integrated solutions.

Our 2,800+ strong engineering team delivers best-in-class technology expertise, 200+ pre-built accelerators and specialized solutions across complex industry needs – connected health, patient and physician engagement, AI-assisted health, predictive analytics, SaMD / digital therapeutics, and process transformation.

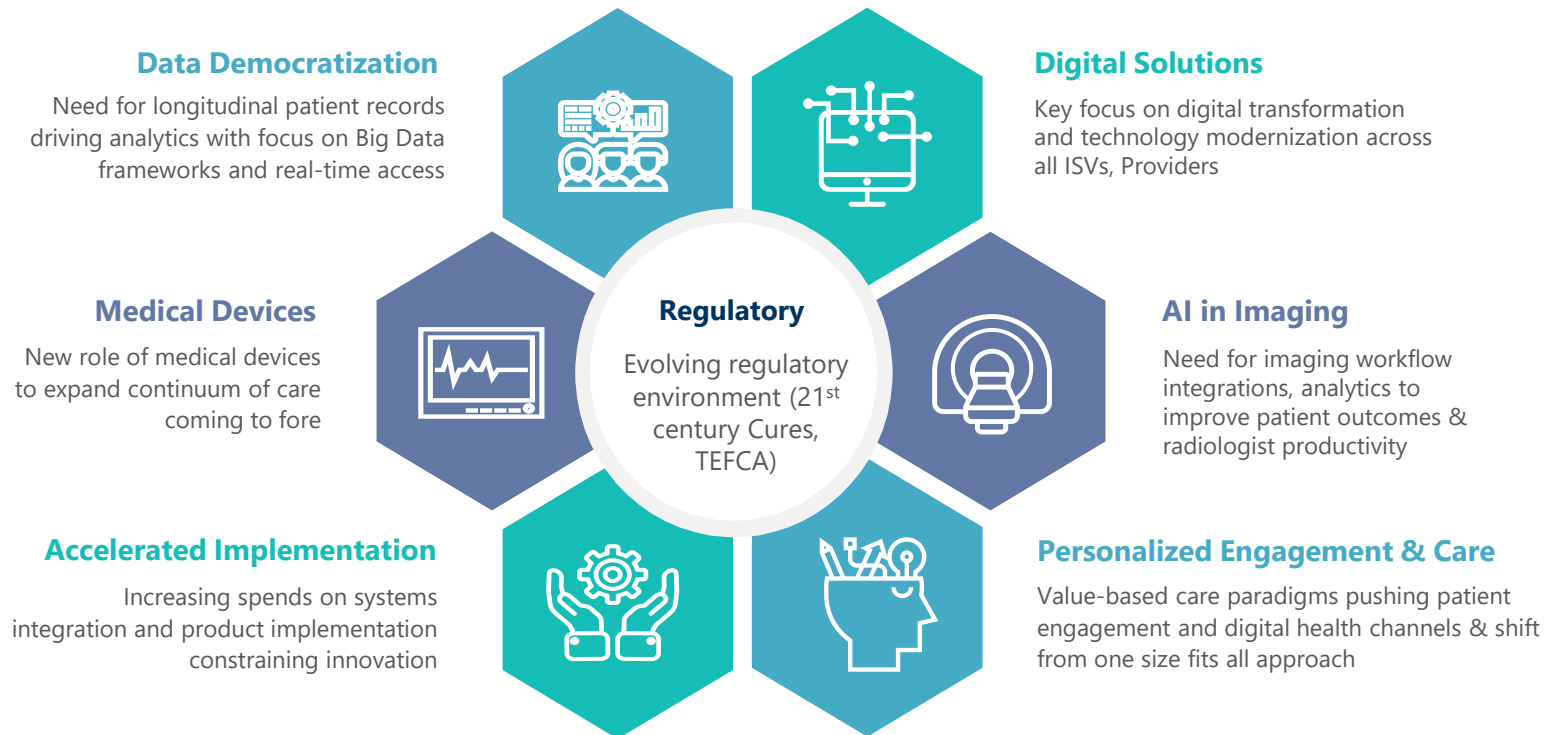
As a trusted customer partner, we leverage proven agile development methodologies, DevOps / DevSecOps practices, and human-centered design approaches to redesign, modernize, and Cloud-enable product portfolios.



CitiusTech services and solutions are leveraged by **the world's top 15 healthcare IT companies**

Key MedTech Industry Trends

Multiple digital trends have accelerated due to COVID, an aging healthcare infrastructure and the need to optimize care delivery and consumer experience, while lowering costs and physician burnout



Why global MedTech leaders choose CitiusTech

With 100% focus on healthcare, we are uniquely positioned to provide design-driven, agile engineering services for MedTech companies



Best-in-class product engineering

Human-centered approach to designing and developing medtech & digital products



Pureplay healthcare focus

Deep healthcare expertise - SMEs, innovation labs and clinically inclined UX teams



Technology partnerships

Rich experience across full-stack and Cloud, with strong partnerships – Microsoft, AWS, GCP, IBM, Red Hat and more



Utilities & accelerators

Ability to accelerate and scale value within engineering projects using pre-built, proprietary tools, utilities and accelerators



Quality & regulatory expertise

In-depth understanding of HIPAA, GDPR, CMS, ONC, FDA, ISO and public health domain



Delivery excellence

16 years of large multi-year deals, for large healthcare clients with industry-leading NPS

30+

MedTech clients

350+

Interoperability experts

100+

Dig. transformation projects

250+

Medical device professionals

100+

Consulting engagements

400+

Medical imaging experts

250+

Managed services & support

400+

Health Cloud professionals

Accelerated next-gen offerings

We cater to the digital transformation needs of a diverse set of medical technology companies.

Industry Solutions



Digital Transformation



Medical Imaging



Modern Data Engineering



Systems Integration



Medical Devices



Patient / Physician Engagement

Core Services



Product Engineering



Interoperability & Integration



Data Management



QA & Automation



Sustenance & Serviceability



Data Science & AI

Healthcare Consulting

- Regulatory consulting
- Cloud readiness & migration
- IT assessment & roadmap
- Business advisory
- Product management
- Workflow optimization

Products & Accelerators

PERFORM+ Connect
FHIR Enablement

Data-delID
Data de-id

PERFORM+ DataScale
Data Management

CIX
NLP extraction

MLOps
Fast evolving AI

Accelerated next-gen offerings: Industry solutions

With our packaged solutions, we work with the world's largest medical technology organizations to drive their strategic, long term technology initiatives.

Industry Solutions



Digital Transformation

- Product engineering
- User Experience (UX), user journeys
- Cloud digital platforms
- DevOps & automation



Medical Imaging

- RIS/PACS integration & dev
- Patient engagement
- Cloud VNA / PACS
- AI-assisted radiology
- Imaging CoE



Modern Data Engineering

- Data modernization using PERFORM+ Connect
- Cloud based EDW & Data Lake development
- Data quality, mapping and deidentification



Systems Integration

- ISV, IOT & Device integration / interop
- Implementation and Support
- HL7, FHIR, API interface management



Medical Devices

- SaMD development, device recall solutions & regulatory journey
- Predictive analytics
- Intelligent Adaptive Monitoring



Patient / Physician Engagement

- Digital health and SaMDs
- Patient services / patient portals
- CDS & Longitudinal Patient Record

Accelerated next-gen offerings: Core services

We offer best-in-class digital & product engineering, data, analytics and AI capabilities to help redesign, modernize and Cloud-enable MedTech products.

Core Services



Product Engineering

- Full-stack, Java, .NET, web development
- Cloud Engineering & migration
- Mobile app dev. – hybrid and native
- UX design services



Interoperability & Integration

- Interfaces development - HL7, FHIR, DICOM, EDI
- Edge computing gateways
- Error monitoring, interface management



Data Management

- Modelling & MDM services
- Enterprise data lake & sandbox development
- EDW managed services & analytics
- Data security & governance



QA & Automation

- QA Automation & Shift-Left testing
- Multi-platform and cross-browser testing
- Performance, security testing
- DevSecOps + CI/CD pipeline
- RPA automation



Sustenance & Serviceability

- L1-L4 24/7 app monitoring & support
- Health IT Implementation services
- On-prem & Cloud infrastructure support
- Managed Services models – upgrades, certifications



Data Science & AI

- Data Science consulting
- Model development & validation
- Model operationalization / productization
- Data Science / AI CoE enablement

Suite of Accelerators for Clinical & Operational Excellence



Interoperability

PERFORM+ Connect: FHIR-based solution to comply with CMS' interoperability rule and accelerate FHIR adoption

FHIR Adapters: Transformation tool for generic conversions between EDI / HL7 to FHIR and vice-versa

Data quality and monitoring: Through seamless integration with existing systems, prebuilt KPIs and integrated dashboards



Data Engineering

PERFORM+ DataScale: Aggregate, process and standardize structured & unstructured datasets

Healthcare Data Models: For clinical, claims, operations and managed care

Data Quality Rules Library: Library of 1,500+ rules

IoT Device Platform Framework: Data ingestion, enrichment & processing



Cloud Engineering

Microservice Starter Kit: Rapid development and deployment of microservices

Azure FHIR Starter Kit: Quick setup of the FHIR platform – data ingestion & transformation pipeline

Terraform IaaS Library: Ready-to-use templates across all major cloud providers

Auto ML Environment: Auto spin up machine learning training infra



Data Science

CIX: Extract and standardize clinical information from varied data type

Smart Data De-identifier: PHI de-identification, intelligent search, etc.

MLOps: Integrate models with existing processes

Intelligent Adaptive Monitoring: AI-based remote monitoring technology for patients & devices



DevOps & RPA

Core Resource Dashboard: Monitor key metrics in real time and alerts in case of breaches

Advance DevOps Framework: Automation of the entire application deployment life cycle

SMART RPA Framework: Enable standardization in RPA development lifecycle

Accelerating digital innovation, convergence & transformation



Success Stories

\$1.3Mn

Savings through Cloud adoption for leading health & wellness provider

1500+

Legacy databases / tech. modernized and consolidated for renal care leader

15+

EHRs integrated (EPIC, Allscripts, Cerner, GE, etc.) for leading EHR platform service provider

~85%

Reduction in time spent in healthcare provider workflows for specialized EHR company

12k+

Device integration with IoT platform for remote monitoring & mgmt. for a Fortune 500 company

80-90%

Savings in time & effort using Process Automation, for leading RCM company

Success Stories: Long-term, High Value Relationships with Leading MedTech & Life Sciences Organizations



Global Leader in Medical Imaging Solutions

12+ year relationship

- **Preferred global partner**
- **Product engineering** - medical imaging, mobile, dose management and patient data analysis (AI/ML)
- **Multiple models - End-to-end** program management, blended teams, strategic staffing
- **Product integration & migration**



Leading Provider of Renal Care Solutions

11+ year relationship

- **Digital transformation** / application modernization, development & QA
- **Next-gen application development** and long-term support
- **Enterprise data warehousing** for eligibility, claims, referral data, etc.
- Set up QA center of excellence



Leading Global Biotech Company

3+ year relationship

- **AI Engineering** - Custom AI/ML scientific collaboration platform to create, share and refine healthcare data models
- **Cloud-native** platform – leveraging AWS infrastructure
- Actively used by 2000+ **data scientists** for AI/ML model development in areas like medical oncology

About CitiusTech

With 7,500+ healthcare technology professionals worldwide, CitiusTech helps leading healthcare and life sciences organizations reinvent themselves by accelerating digital innovation, leveraging next-gen technologies, and driving data convergence across the healthcare ecosystem.

We provide strategic consulting, digital engineering, data, analytics & AI, specialized platforms and end-to-end solutions to over 130 organizations across the payer, provider, medtech and life sciences industries. Our key focus areas include healthcare interoperability data management, quality performance analytics, value-based care, omni channel member experience, connected health, virtual care delivery, real-world data solutions, clinical development, personalized medicine and population health management.

Our cutting-edge technology expertise, deep healthcare domain expertise and a strong focus on digital transformation enables healthcare and life sciences organizations to deliver better outcomes, accelerate growth, drive efficiencies, and ultimately make a meaningful impact to patients.

100%
healthcare focus

130+
healthcare clients

50M+
lives touched

4.5/5
client satisfaction score

\$420 M
2023E revenue

Key Contacts



Dhaval Shah

Exec. Vice President
Healthcare Technology
CitiusTech

20+ years of experience in healthcare technology, spanning various domains including healthcare interoperability and enterprise application architecture. At CitiusTech, Dhaval heads strategic partnership management for large healthcare organizations.

Prior to CitiusTech, Dhaval worked with leading healthcare organizations and across multiple technology and business-focused roles.

Email Dhaval at:
dhaval.shah@citius.tech



Shujah Dasgupta

Vice President
Healthcare Technology
CitiusTech

15+ years of experience in developing and designing healthcare products. Leads Interoperability and Imaging practice at CitiusTech.

Shujah has driven multiple digital and product engineering engagements at CitiusTech, including managing large programs, setting up the medical imaging consulting practice, managing strategic customers and driving new business development.

Email Shujah at:
shujah.dasgupta@citius.tech

Powering the future of healthcare ►



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