Application: 6193

Transforming Medical Imaging with CitiusTech’s Cloud-Native, AI-Driven Platform

Page: General Information

Provide information about the company to be considered for the award. If you will be nominating an individual, specify the nominee’s employer.

Name of Organization/Company

CitiusTech

Mobile Phone Number

+91 96117 55237

Additional Contacts

I would also like to have others receive emails about the disposition of our entries.

Page: Entry Information

Entry Title

Transforming Medical Imaging with CitiusTech’s Cloud-Native, AI-Driven Platform

Category

P03. Technical Innovation of the Year - Healthcare Technology

Technical Innovation of the Year Submission Format

Written Answers

a. Briefly describe the organization that achieved the nominated technical innovation: its history and past performance (up to 200 words). Required

For over two decades, CitiusTech has focused on building a human-first healthcare ecosystem through tech-led transformation. With a team of 8,500+ professionals and partnerships with more than 140 healthcare organizations globally, the company has become a trusted name in digital health and a leader in medical imaging. Today, CitiusTech partners with MedTech, payer, provider, and life sciences enterprises to drive digital transformation across the care continuum.

Combining deep domain expertise with next-gen technologies (AI, data engineering, cloud, and enterprise platforms) to solve complex problems across the healthcare value chain. Its platforms and services support some of the most vital operations in the industry: clinical quality measurement, documentation, patient safety, and revenue cycle optimization.

Led 100+ digital quality assurance programs, supported 80M+ patient records and 50M+ lives through its tech platforms. With strategic consulting, advanced platforms, and AI capabilities, CitiusTech continues to help accelerate digital innovation, enhance operational performance, and reimagine care delivery at scale.
Additionally, as the only company in our category that has a dedicated team to directly guide industry standards,

CitiusTech is the preferred SI partner in Digital Pathology for Google and AWS.

80M+ patient records managed

50M+ lives supported via tech platforms

100+ digital quality assurance engagements

b. Outline the nominated technical innovation. Be sure to describe it in terms that someone with limited knowledge of the technology can understand and appreciate (up to 250 words). Required

Medical imaging is critical for diagnosis and treatment, yet the workflows supporting it are often fragmented. Radiologist burnout [redacted]hlighting the need for smarter, more integrated solutions. CitiusTech's next-generation, AI-enabled, cloud-native medical imaging p[redacted]ectly addresses this gap.

Key differentiators:

• FHIR-based image viewer, live in 20,000+ clinical sites, [redacted]

• Integrated digital pathology workflows; interoperable with LIS and PACS for data fluidity, consistency, and collaboration

• GenAI smart reporting with real-time prompts and error detection

•[redacted]

[redacted]supports multi-modal imaging, pathology integration, and AI orchestration for complex use cases such as stroke, aneurysm, and oncology detection. It brings universally accepted DICOM standards to digital pathology, aligning it with radiology, cardiology imaging, and other systems. This is especially valuable in anatomical (tumor) pathology, where moving from glass to digital unlocks immense benefits for patients and oncologists.

c. Explain why the technical innovation you have highlighted is unique or significant (up to 250 words). Required

[redacted]

The success stories are significant. [redacted]tiusTech managed one of the industry's largest cloud migrations, moving over 2 billion images to AWS and improving access speeds with lower operational costs. Based on CitiusTech's technical support, a large client site developed a standard workflow and is now transitioning from testing to clinical use.

Key differentiators:

• Interoperability-first design (DICOMweb, HL7, FHIR)

• Modular, multi-tenant architecture aligned with GxP and HIPAA

• Cross-specialty AI orchestration for stroke, oncology, and neurology

• End-to-end support for both radiology and pathology workflows

• Real-world performance: 30–40% faster time-to-market vs traditional vendors, broader AI integration, and higher client satisfaction

It drives unparalleled convergence of clinical imaging, digital pathology, GenAI, and data analytics on a single platform. Most vendors treat these as distinct systems; CitiusTech treats them as one intelligent continuum, enabling faster, safer, more personalized diagnostics.

Refer: MI_Fig1
With installations in 20,000+ clinical sites, and measurable ROI across productivity and cost-efficiency, this [redacted]reshaping the way diagnostic imaging is delivered and bringing intelligence, scalability, and clinical precision into one unified ecosystem.

d. Reference any attachments of supporting materials throughout this nomination and how they provide evidence of the claims you have made in this nomination (up to 250 words). Optional

Webpage Link

[redacted] [REDACTED FOR PUBLICATION] [redacted]

Would you like to add an additional webpage link?

Yes

[redacted]

[redacted]

[redacted]

[redacted]

[redacted]

[redacted]

[redacted]

Would you like to add an additional supporting document?

No

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