

UiPath Test Cloud for Epic

Advancing quality and reliability in Epic environments



The challenge:

When every update carries risk

Epic environments are central to patient care, clinical workflows, and revenue operations. Frequent updates, configuration changes, and integrations with laboratory, pharmacy, billing, and external systems increase testing complexity and operational risk.

In healthcare settings, incomplete regression coverage or insufficient change validation can disrupt care delivery, impact patient safety, and expose organizations to regulatory and audit risk.

Manual testing alone cannot keep pace with release cycles or the scale of interconnected systems. Healthcare organizations require a disciplined, repeatable testing approach that strengthens oversight without slowing innovation.

The approach:

Agentic testing with humans in control

UiPath Test Cloud for Epic brings **agentic testing** to healthcare IT.

AI-powered capabilities assist teams in designing, prioritizing, executing, and maintaining tests, while clinicians, IT leaders, and quality teams retain control over validation and sign-off.

The solution is designed to support testing of Epic-based applications and related workflows, helping healthcare organizations scale quality while maintaining governance.

Built for complex Epic workflows

Automation that adapts to Epic's UI

Uses multi-anchor targeting, Citrix support, and AI Computer Vision to interact with Epic user interfaces in both virtualized and non-virtualized environments.

Flexible development model

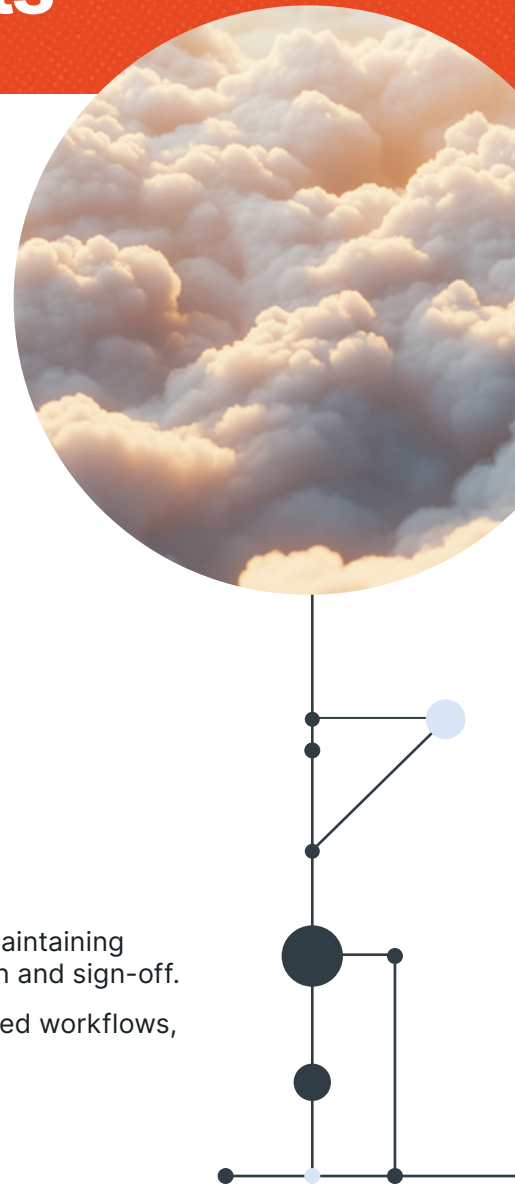
Supports both low-code and coded automation approaches, allowing collaboration between clinical informatics teams and technical testing specialists within governed frameworks.

Test data management support

Enables controlled creation and use of test data to support realistic validation scenarios while aligning with internal data governance policies.

Integration and continuous testing support

Integrates with CI/CD pipelines and healthcare IT toolchains to enable structured, repeatable regression testing practices.



Built for **complex Epic workflows** (continued)

AI that strengthens the test lifecycle

AI-powered features help generate test cases from documented requirements or process data, identify potential impacts from application changes, and suggest updates when UI elements change, subject to human review.

Change impact and gap analysis

Highlights potentially affected workflows and areas of limited test coverage to guide risk-based testing strategies.

Source: IDC Research, Value Study, 1/24.

Outcomes vary by organization and depend on existing testing, maturity and governance practices.

Proven impact across enterprise testing

Organizations using UiPath Test Cloud have reported:

- 36% improvement in QA team efficiency
- 51% higher development team productivity
- 80% reduction in productivity loss from unplanned downtime
- 93% improvement in troubleshooting efficiency
- 529% three-year ROI with a six-month payback period

Risk-based visibility

UiPath Test Cloud's agentic testing capabilities allow us to analyze Epic Nova Notes for gaps in currently built requirements and test cases. Test Cloud will make suggestions on where to apply additional testing effort.

What sets **UiPath** apart

UiPath Test Cloud for Epic combines resilient UI automation in complex Epic environments with agentic testing capabilities across the full lifecycle.

As part of the UiPath platform, it enables shared automation components across testing and operational teams, helping healthcare organizations scale testing without compromising human oversight.

Move faster. Reduce risk. Release with confidence.

Strengthen regression coverage. Improve visibility into change impact. Support safer, more reliable Epic releases.

Learn more about agentic testing

UiPath