

EPR Automation Service

EPR environments rely heavily on manual, repetitive administrative and validation tasks that consume IT and clinical operations time. Activities such as catalogue testing, role-based access updates, bedboard maintenance, and routine validations slow down releases, increase error risk, and pull skilled teams away from higher-value work.

As EPR complexity grows, these manual processes become unsustainable.

Technest delivers EPR Automation Services that streamline both clinical validation and administrative EPR operations. We automate high-volume, repeatable tasks to improve speed, accuracy, and consistency—allowing healthcare organizations to scale safely while reducing operational burden. Our automation focuses on real-world EPR work, not just testing.

- Reduce regression risk during Cerner upgrades and patches
- Improve patient safety and data accuracy
- Accelerate release cycles through automation
- Ensure compliance with regulatory and interoperability standards
- Lower long-term QA and testing costs

WHAT WE AUTOMATE:

Clinical & Testing Automation

- Clinical and operational workflow testing
- Regression testing for upgrades and enhancements
- Interface and interoperability validation (HL7, FHIR, APIs)
- Cutover, dress rehearsal, and go-live readiness validation

Administrative & Repetitive EPR Automation

- Catalogue testing and validation (orders, meds, procedures)
- Role-Based Access Control (RBAC) provisioning and validation
- User access audits and role clean-up
- Bedboard maintenance and clean-up activities
- Environment validation and configuration checks
- Data quality and consistency checks across modules
- Any manual, repetitive tasks in the EPR

BENEFITS:

- Rapid turnaround of testing, faster deployment
- 40–70% reduction in manual effort for repetitive EHR tasks
- Faster access provisioning and configuration validation
- Reduced defects caused by manual admin errors
- Improved EHR stability and audit readiness

PRICING:

The pricing model adopted for each engagement is based on the specific project requirements and can be delivered on either a time or materials or fixed price basis. Technest offers discounts on extended engagements lasting more than 6 months. Volume discounts and discounts based on total committed spend per quarter are also available.