TRANSFORM WORK INTO INTELLIGENCE: CAPTURE, ASSIST, AND IMPROVE CONTINUOUSLY.

THE ENTERPRISE TESTING CHALLENGE

Modern QA teams struggle to keep pace with Agile and DevOps delivery due to manual, brittle, and script-heavy testing approaches—especially in complex, UI-intensive enterprise applications.

Common bottlenecks include:

- Functional & UI testing: Frequent UI changes break scripted automation
- Regression testing: Large test suites slow down every release
- User Acceptance Testing (UAT): Complex business rules are hard to automate
- Scenario-based / E2E testing: Multi-application workflows lack traceability
- Documentation-driven testing: Test cases and process docs fall out of sync

THE TRADE-OFF ORGANIZATIONS FACE

- Slow manual testing that delays releases
- Costly automation that breaks with every UI change
- High-risk deployments due to partial coverage

The reality: Traditional test automation depends heavily on scripting expertise, is fragile in dynamic UIs, and fails to connect business process intent with test execution.

THE EPIPLEX APPROACH

Epiplex Testing Automation is process-first and AI-driven. Instead of brittle scripts, Epiplex captures real user workflows, filters non-essential actions, and automatically generates scenario-based tests, adaptive automation, and compliance-ready documentation.

This enables enterprises to move from manual and fragmented testing to continuous, scalable, and business-aligned automation—without heavy scripting effort.

HOW EPIPLEX TESTING AUTOMATION WORKS - THREE PILLARS OF AUTOMATION

1. Intelligent Process Capture
- Records real user workflows across enterprise applications
- Filters noise while preserving intent
- Creates structured, reusable test assets

2. Adaptive Test & Script Generation
- Auto-generates user stories, test cases and automation scripts
- Self-healing scripts adapt to UI and workflow changes
- Reduces script maintenance by 70–80%
- Enables business users and SMEs to contribute without coding

3. Enterprise Governance & Compliance
- Built-in data masking and compliance controls
- Auto-generated audit and evidence documentation
- Dashboards for coverage, execution, and release readiness

BUSINESS IMPACT & OUTCOMES

Metric	Improvement	Business Value
Regression Cycles	40% Faster	Accelerated release velocity
Production Defects	30% Reduction	Lower customer and revenue risk
Test Coverage	50% Higher	Improved release confidence
SME Dependency	50% Reduced	Autonomous Testing
Reusable Test Assets	3× Increase	Lower long-term QA costs

WHAT IS EPIPLEX TESTING AUTOMATION?

Epiplex is an AI-powered test automation platform that simplifies test design, execution, governance, and compliance across complex enterprise environments including:

- ERP, CRM, and packaged applications
- Web and desktop applications
- Legacy and character-based systems most.

It is purpose-built for highly interactive, UI-driven enterprise workflows—where traditional automation struggles the most.

Core Innovation
Capture once. Automate continuously.
Epiplex eliminates brittle scripting by transforming real business workflows into living test assets

KEY CAPABILITIES

1. Automated Process Capture
- Records real user interactions: screens, keystrokes, mouse clicks, navigation paths, and data inputs
- Captures workflows across ERP, CRM, web, desktop, and legacy systems
- Eliminates dependency on manual test design

2. Intelligent Noise Filtering & Test Asset Generation
AI filters out non-essential actions while preserving business-critical steps, automatically generating:
- Business-aligned user stories
- Scenario-based test cases
- RPA- and automation-ready scripts (JSON / tool-agnostic)
- Structured documentation (PDF, HTML, Excel, XML)

3. AI-Driven Data Masking & Compliance
- Automatically masks sensitive PII, payment, and regulated data
- Replaces production data with synthetic test data
- Ensures compliance with HIPAA, GDPR, PCI-DSS, SOX, and enterprise security standards

4. DevOps & CI/CD Integration
- Integrates seamlessly with CI/CD pipelines
- Enables continuous regression and UAT execution
- Supports parameterized test data for scalable execution
- Automatically regenerates tests when workflows change
- Provides real-time execution status and analytics

5. Enterprise Governance & Insights
- Centralized dashboards for test coverage, execution status, and release risk
- Complete audit trails for regulatory validation
- Compliance-ready documentation packs
- Actionable insights for improving test effectiveness and release quality

WHY EPIPLEX TESTING AUTOMATION

1. Process-First Architecture
Automation is built on actual business workflows, not assumptions or scripts.

2. AI-Driven Adaptation
Self-healing automation evolves with UI and process changes—dramatically reducing maintenance.

3. Heterogeneous Application Support
Supports ERP platforms like SAP, Oracle, and NetSuite; CRM systems such as Salesforce and Microsoft Dynamics; along with web, desktop, and legacy systems—from a single platform.

4. Compliance-Native by Design
Data masking, audit trails, and regulatory documentation are built-in, not bolt-Ons.

BUILT FOR ENTERPRISE QA TEAMS THAT CAN'T AFFORD RELEASE RISK.
CONTACT NOW TO DISCUSS WITH OUR EXPERTS.

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