

Cycle®

Business Process Validation for your entire supply chain operation



cycle

OVERVIEW

Cycle® is patent-pending software that helps you to validate business systems and processes operate as intended. It's designed for individuals and teams who want to regularly test systems and processes to identify errors before production is impacted.

How it works

Cycle allows teams to collaborate from the same automation scripts using straightforward, conditional language that can be understood by business, operational and technical stakeholders.

Available via a quick, local install, Cycle helps you:

- Execute tests faster and more effectively so you can address disruptions before customers are impacted.
- Apply system upgrades and modifications with confidence, knowing you've thoroughly tested current and future business scenarios.
- Conduct full-scale regression tests of any enterprise-level system.
- Improve communication between business and technical teams.

CHALLENGES



Operational assurance across systems.

Companies often struggle to manage multiple enterprise-level systems and ensure all systems remain bug-free.



Aligning business and technical teams.

Requirements tend to change throughout the course of projects, making alignment of business and technical teams a complex and ever-present concern.



Resource and timeline constraints.

Establishing and maintaining a test strategy can be difficult in the face of tight project timelines, especially when testing requires highly technical personnel.

BUSINESS PROCESS VALIDATION (BPV)

An evolution from traditional testing, this comprehensive view of operational assurance encompasses:

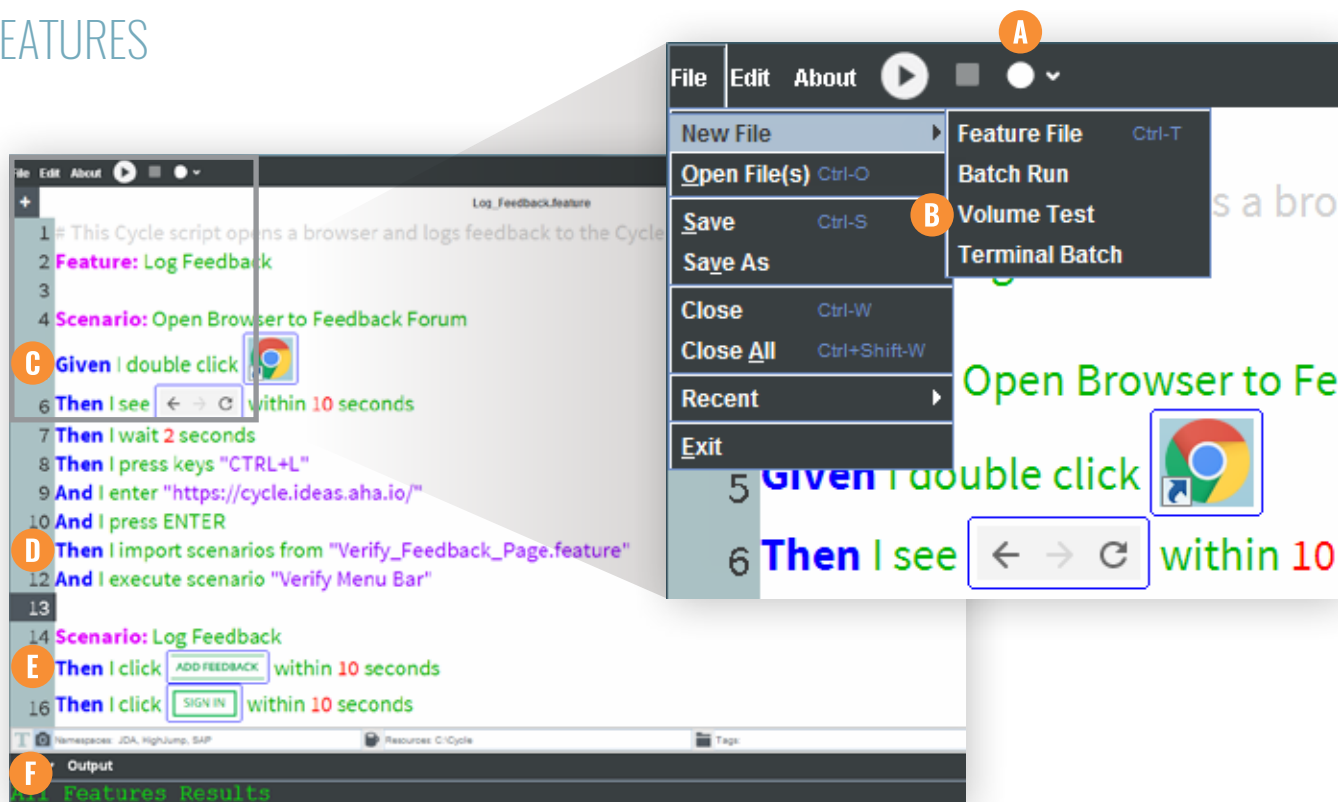
1. **What** software systems you rely on
2. **How** users interact with those systems
3. **Why** those systems and processes are critical to your operations

Effective and efficient organizations understand the need for regular, automated validation of systems and processes. With Cycle, you can achieve operational assurance for immediate projects, as well as establish ongoing process validation through test automation.

Key Considerations

- **Coverage** – consider the full cycle of a business need to ensure success and allow for expansion
- **Maintenance** – software and processes evolve, and those changes may or may not impact validations; plan for continuous change to ensure success
- **Data** – have a strategy to acquire and maintain test data that is representative of real-world scenarios
- **Value** – mapping out a long-term strategy to reduce risks and bring benefits to your business is far more impactful than quick fixes

KEY FEATURES



- A Desktop and terminal recording:** Cycle includes time-saving GUI and terminal recording abilities. Using Cycle's recorder, user actions on a PC or within a terminal are translated into ready-to-execute tests that duplicate the performed user activities.
- B Volume testing capabilities:** Built-in volume test and terminal batch capabilities allow you to conduct large-scale performance tests to simulate peak volumes.
- C Easy-to-understand language:** Cycle tests (called Feature Files) are written in straightforward, conditional language, meaning non-technical team members can read and write tests to ensure tight alignment between business requirements, Standard Operating Procedures and test scripts.
- D Test modularity:** Cycle tests are modular so you can reuse any given piece of functionality. This practice reduces the scripting needed to produce a thorough library of tests for your system.
- E User emulation:** Cycle supports testing via controls like keyboard and mouse input, ensuring tests are run exactly as users would execute them.
- F Output Pane:** Step-by-step results of your Feature File are displayed in the Output Pane. Summarized results are also output as an HTML Cycle Report with charts for sharing across the business.

WHY CHOOSE CYCLE?

Test automation. Conduct full-scale regression tests of any enterprise-level system. With Cycle's terminal batch tab, you can also facilitate large-scale volume tests.

Risk mitigation. Cycle enables you to execute tests faster and more effectively so you can address disruptions before customers are impacted.

Application agnostic. Cycle is application-agnostic and can be used with any business system, including Enterprise Resource Planning, Warehouse Management and Order Management Systems.

Easy-to-use. Using the built-in recording functionality in Cycle, business process experts of varying technical backgrounds can create test scripts by simply recording desktop and terminal user actions.

Benefits

- Validate business processes
- Reduce system risk
- Align Operations and IT
- Deliver better solutions

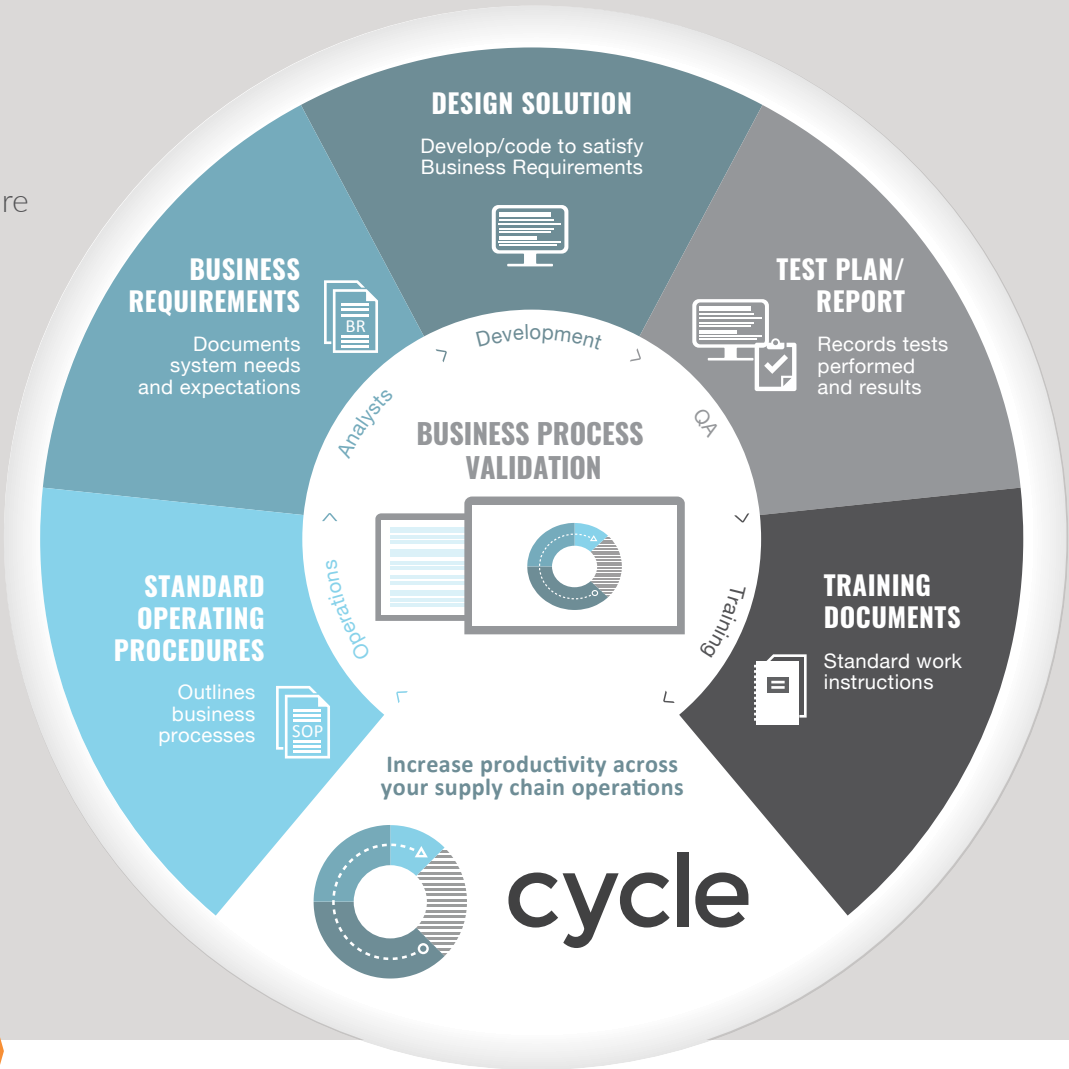
TECHNICAL REQUIREMENTS

Operating System	<ul style="list-style-type: none"> ◦ Microsoft® Windows Vista®, 7 or 8 ◦ Microsoft® Windows Server®
CPU	<ul style="list-style-type: none"> ◦ Minimum: 2.0 Ghz – Dual Core ◦ Recommended: 2.5 Ghz – Dual Core
Disk Space	<ul style="list-style-type: none"> ◦ Minimum: 1 GB ◦ Recommended: 10 GB <p>*Additional space will be needed as test cases and images are produced</p>
Memory (RAM)	<ul style="list-style-type: none"> ◦ Minimum: 4 GB ◦ Recommended: 8 GB
Monitor Resolution	<ul style="list-style-type: none"> ◦ Recommended: 1080p (1920 x 1080) ◦ Recommended to run in Windows 7 Basic Theme

THE CYCLE VISION

Imagine if Operations, IT, Development and Training were all reading and working from the same document. With Cycle, the vision is possible.

Written in straightforward, conditional language, Cycle can be used across teams to increase productivity and communication. Cycle allows teams to collaborate from the same automation scripts—ensuring all stakeholders are speaking the same language and aligned on expected outcomes.



FOR DETAILED PRODUCT INFORMATION:

VISIT cycleautomation.com | CALL 888.256.2177 | EMAIL sales@tryonsolutions.com