



Revolutionize Software Development with Razor Hybrid

In a fast-paced software landscape, Razor Hybrid from Visible Systems Corporation stands out as a game-changer. This innovative tool guarantees top-tier software quality while drastically reducing time-to-value and time-to-market.

Key Features:

- **Automation and Accountability:** Full automation, accountability, and enforcement of your software development process.
- **Compliance:** Aligned with NIST 800-53 and ISO 27002, ensuring a secure and audit-ready environment.
- **Customization:** Easily tailor Razor Hybrid to meet your unique software quality control and assurance processes.

Four Levels of Analytics:

1. Descriptive – Hindsight (What happened?)
2. Diagnostic – Oversight (What is happening?)
3. Predictive – Foresight (What will happen?)
4. Prescriptive – Insight (How to optimize what will happen?)

Razor Hybrid Includes:

- Process and Workflow Management
- Issue/Problem/Defect Tracking
- Version Control & Change Management
- Release Management
- Scripting for Workflow Customization

Benefits:

- Effective management tool for tracking changes throughout the software development lifecycle.
- Integrated problem and issue tracking, version control, and release management.
- Configurable to specific development and delivery processes.
- Easily scalable across various project sizes.
- Simplifies generation of release notes and development/support metrics.
- Advanced Encryption for secure operations.
- Rapid implementation and deployment.
- Extremely user-friendly.

Use Cases: Agile or Traditional Software Development, Document Control/Management, Issue/Defect/Problem Tracking, Version Control, Source Version Control, Change Management, Configuration Management, Software Configuration Management, Software Process Management, DevOps Automation, Release Management, Software Quality Assurance.

User Story: "Razor gave us the tools to implement a consistent software release process across all of our products and provides developers, both local and remote, a standard method for software development. It has provided release traceability for warranty returns and allowed us to reproduce releases with the click of a button." - Senior Software Engineer, Automotive Manufacturing

System Compatibility:

- **Windows:** Compatible with Windows 7 through 11 (desktops), Servers 2016 through 2019 (64-bit), using .NET 4.X Framework.
- **Linux:** Open-Source File Revision Engine available on Linux, running on Ubuntu 20, RHEL 7/8, and CENTOS 7/8 (E.G., 3.X, 4.X, or 5.X 64-bit kernels) using MONO.

Industry-Specific Uses: Software Development, Pharmaceutical, Synthetic Biology, Aerospace, Science and Research, Defense, Electronics, Semiconductor, Embedded Software, Cloud Technology, EV Manufacturing, Testing, 3D Printing, Simulators, Radar Systems, Sensor Technology, Satellite Technology, Battery Technology, Automotive Technology.

Background: For over 25 years, Razor has played a pivotal role in major software development projects for organizations such as Boeing, Continental, Vitesco, NASA, NOAA, NAVY, and more.

NASA utilized Razor Hybrid throughout the Space Shuttle program, involving the collaboration of 200 software developers.

Razor Hybrid's adaptability to organizational processes eliminates the typical challenges associated with software automation efforts.

Learn more about Razor Hybrid at www.visible-systems.com.

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