

Deliver Certification-Ready Evidence Across the Software Lifecycle

Connect requirements, implementation, verification, configuration control and objective evidence within a disciplined lifecycle framework.

Safety-critical development requires more than functional correctness. Organisations must demonstrate traceability, verification completeness, controlled change and lifecycle integrity.

Bytecraft provides an integrated approach for managing requirements, development, verification, validation and certification evidence across the complete software lifecycle.

KEY BENEFITS

End-to-End Traceability

Maintain visibility from requirements through implementation, verification and evidence.

Certification Readiness

Support assessments through structured records and objective evidence.

Improved Verification Confidence

Apply repeatable verification practices supported by measurable controls.

Controlled Change Management

Manage modifications while preserving lifecycle consistency and traceability.

TRACEABILITY, VERIFICATION AND EVIDENCE ACROSS THE ENTIRE LIFECYCLE.

CONNECT ENGINEERING EXECUTION WITH CERTIFICATION OBJECTIVES

Requirements, implementation, verification, configuration control and evidence operate as one connected lifecycle.



LIFECYCLE FLOW

01 Requirements Definition

02 Architecture & Design

03 Software Development

04 Verification Activities

05 Traceability Management

06 Configuration & Change Control

07 Certification Evidence Collection

08 Audit & Certification Readiness

DESIGNED FOR

- Aerospace & Defence
- Railway Systems
- Automotive
- Industrial Embedded Systems
- Mission-Critical Programmes

BUSINESS OUTCOMES

- Improved lifecycle visibility
- Better certification readiness
- Stronger traceability coverage
- Improved verification confidence
- More predictable certification activities

TOOLCHAIN-INDEPENDENT BY DESIGN | Lifecycle capabilities integrated with existing requirements, development, verification and evidence systems.