



Independent Verification & Validation

Verification Solutions for Aerospace and Defense Programs



Delivering the highest
quality and most cost-
effective IV&V solutions

ENSCO, Inc. brings a rigorous approach to Independent Verification & Validation (IV&V) that is driven by precise guidelines. ENSCO has developed comprehensive capabilities to customize and streamline the IV&V process, cutting costs by reducing the hours required to reach completion without compromising results.

Critical expertise

ENSCO has more than 30 years of experience in IV&V, during which time it has conducted more than two million hours of formal verification and testing. This experience includes verification of range systems, and space shuttle and missile systems. ENSCO's full verification lifecycle solutions encompass both software and hardware. Large or small IV&V teams can be quickly assembled, depending on the project needs and critical schedule milestones. ENSCO can design and build integrated test stand solutions to mitigate risk and reduce testing time on high-dollar assets.

Highest standards

ENSCO works within military formal safety-critical standards.

ENSCO advantage

ENSCO has provided exemplary IV&V solutions, keeping pace with evolving standards to offer customers the latest IV&V advantages

- Comprehensive capabilities
- Quality, driven by precise guidelines
- Competitive pricing



Software Requirements V&V	<ul style="list-style-type: none"> • Review of concept documentation (if not performed prior to software requirements development) • Traceability analysis • Software requirements evaluation • Interface analysis • Initial planning for software system test • Reporting
Software Design V&V	<ul style="list-style-type: none"> • Traceability analysis • Software design evaluation • Interface analysis • Initial planning for unit test • Initial planning for software integration test • Reporting
Code V&V	<ul style="list-style-type: none"> • Traceability analysis • Code evaluation • Interface analysis • Completion of unit test preparation • Reporting

Unit Test	<ul style="list-style-type: none"> • Unit test execution • Reporting
Software Integration Test	<ul style="list-style-type: none"> • Completion of software integration test preparation • Execution of software integration tests • Reporting
Software System Test	<ul style="list-style-type: none"> • Completion of software system test preparation • Execution of software system tests • Reporting
Software Installation Test	<ul style="list-style-type: none"> • Installation configuration audit • Reporting
Software Operation & Maintenance V&V	<ul style="list-style-type: none"> • Impact of change analysis • Repeat management V&V • Repeat technical V&V activities

Contact ENSCO to discuss your custom IV&V solution.



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