

## INDEPENDENT VERIFICATION & VALIDATION (IV&V)

In today's IT-centric organizations, the risk of a product, service, or system failing to meet specifications or its intended purpose can severely impact not only budget and schedule but the ability of the enterprise to achieve its mission. Is IT regarded as an enabler or as an inhibitor of change? Are sufficient IT resources, infrastructure and competencies available to meet strategic objectives?

The size of most information technology programs means they are fundamentally complex, risky, and difficult to manage. *Intekras's* Independent Verification and Validation (IV&V) services provide our customers with the visibility and tools needed to proactively ensure the success of their programs - from beginning to end and at every stage in between. *Intekras* consultants - skilled in such disciplines as project management, systems analysis, business process design, and risk management - seek to determine whether a solution (either in development or production) meets expectations.

Our independent and in-depth analysis typically includes the following:

- Review of project documents (project charter, scope statement, business case justification, selection criteria, etc.)
- Review of project status documents, meeting minutes, etc.
- Review of planning documents (project plan, communication plan, risk management plan, regulatory compliance plan, test plan and acceptance criteria, etc.)
- Detailed interviews with project sponsors, stakeholders, and various team members

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Furthermore, *Intekras* leverages accepted frameworks and standards during our IV&V reviews - including both the ISO/IEC 12207 standard for software lifecycle processes and the Information Technology Infrastructure Library (ITIL) framework for managing IT infrastructure, development and operations. *Intekras's* IV&V goals are to:

- Perform an objective, third-party review and evaluation of all program elements.
- Provide risk-based information for effective management oversight.
- Establish disciplined processes and achieve quality and value in operations.
- Develop and implement risk mitigation strategies.
- Resolve problems before they escalate into delays, overruns, and failures.

Throughout the IV&V process, *Intekras* consultants refine their understanding of what is working well, identify where the project risks lie, and recommend improvements based upon those risks. As a result, *Intekras* ensures that project risks are mitigated - ensuring that the solution delivers what is required and not just what was documented.

