

Technology Risk Management Checklist

	<i>technical</i>	<i>operational</i>	<i>financial</i>	
Stakeholders	Which organization is most accountable for business process quality and managing technology risk?			
	CTO	CIO	Business Unit Manager	
	COO	CFO		
Project Drivers	What are your most immediate projects?			
	IT Program Manager	QA Manager	Business Process Owner	
	Logistics	HR	Compliance	
Risks	What technology risks are of greatest concern?			
	Project failure and lack of adoption of new technology	Business process disruption caused by a technology problem	Project delay in the deployment of a major technology system	
	Budget over-runs	Delay in deployment of new capabilities that create business value	Public embarrassment & lost revenue due to a software failure	
Objectives	What are your most important objectives?			
	Faster projects, and on-time project execution	Continuous business process quality	Catching more defects early - before they impact the business	
	Lowering technology risk	Faster deployment of required legal, HR, and compliance updates	Lowering stress and increasing peace-of-mind	
Risk Mitigation Strategies & Tactics			In one business	Company wide
	Recognize that high speed testing mitigates technology risk. Testing is required to ensure business process quality. In fact, it's the only way.		<input type="checkbox"/>	<input type="checkbox"/>
	Recognize that business processes must be tested end-to-end across all systems and interfaces, rather than piecemeal		<input type="checkbox"/>	<input type="checkbox"/>
	Have established a quality assurance program, and view testing as a competency		<input type="checkbox"/>	<input type="checkbox"/>
	Have built an automation "library" or portfolio of test assets and test cases		<input type="checkbox"/>	<input type="checkbox"/>
	Have achieved high test coverage. Ensure that all critical business processes are tested		<input type="checkbox"/>	<input type="checkbox"/>
	Have established a testing Center of Excellence		<input type="checkbox"/>	<input type="checkbox"/>
	Are replacing manual testing with automated testing		<input type="checkbox"/>	<input type="checkbox"/>
	Are heading toward 90%+ test automation of critical business processes		<input type="checkbox"/>	<input type="checkbox"/>
	Implemented a "lights out" testing capability with 24x7 coverage		<input type="checkbox"/>	<input type="checkbox"/>
	Are achieving a high ROI thru automation, with a payback period less than 12 months		<input type="checkbox"/>	<input type="checkbox"/>
	Have reduced the number of production system defects by 95% or more		<input type="checkbox"/>	<input type="checkbox"/>
	Are deploying more new technology faster – seeing greater agility		<input type="checkbox"/>	<input type="checkbox"/>
Increased staff efficiency and cut labor/consulting expenses by more than \$1 million		<input type="checkbox"/>	<input type="checkbox"/>	