

Risk Right Prompt List

The key to understanding risk is thinking ‘a risk to what?’ Risks are about uncertainty of completing work as expected, resulting in additional unplanned costs, delays, reputational damage, safety issues and quality problems. Use the prompt list below to begin identifying, assessing the contingency needed, and developing mitigation plans using our AI tool.

Category	Possible Risk Events (there is a risk of...)
Commercial	Contracts: ...insufficient contract duration ...missing or incomplete contractual clauses, definitions or Terms & Conditions ...differing laws, jurisdictions, interpretations etc ...insufficient budget in contracts ...inability to manage change ...ability to work overseas ...missing exclusions ...underdefined Liquidated Damages (LDs) ...lack of liabilities and warranties ...underdefined Force Majeure ...underdefined suspension/termination clauses ...change in laws, legislation, taxation etc ...conflict of interest ...poorly defined workshare Supplier Management: ...supplier stability less than expected ...supplier competency less than expected ...supplier track record worse than expected ...lack of independent accreditation ...damage to supplier property/equipment ...issues with licencing ...issues with patent rights ...integration of/dependency on legacy equipment ...issues with Non-Disclosure Agreements (NDA)
Competence (SQEP)	Skills: ...insufficient competence (break out into specified skills as needed) ...insufficient training and/or on-boarding ...underdefined competency profiles driving internal/external recruitment ...skill decay ...incomplete Training Needs Analysis (TNA) Capacity: ...insufficient capacity ...insufficient availability ...unmanageable staff turnover ...lack of succession planning ...underdefined Roles & Responsibilities

Category	Possible Risk Events (there is a risk of...)
Technical	Requirements: ...lack of architecture leading to underdefined scope/capability ...lack of end user engagement in defining needs ...impact of interfacing systems not fully understood ...more Research & Development needed than expected ...scope change / change of requirements ...change of/incomplete reference sources ...failure to fully analyse transversals/non-functional requirements ...requirements are not measurable ...requirements are not testable ...requirements are not traceable ...conflicting requirements Design: ...greater complexity than expected ...underdefined interfaces ...trades/options cannot be quantified ...underdefined man-machine interface Build & Integration: ...increasing installation timescales ...expanding trials programme ...incompatible interfacing equipment ...additional unplanned production through-put ...additional unplanned production ramp-up ...failure to complete integration as planned Test & Acceptance: ...failure to pass testing, validation or verification as planned ...underdefined acceptance criteria ...underdefined acceptance tests for systems/components ...underdefined handover criteria of systems/equipment Support: ...unavailability of staff ...unavailability of facilities ...underdefined software Safety Integrity Levels (SIL) ...software impact on business-critical systems ...reduced performance of legacy or support equipment Technology: ...change of technology ...immature technology ...technology cannot be scaled

Category	Possible Risk Events (there is a risk of...)
Finance	...changes in exchange rates ...insufficient financial coverage ...changes in costs, materials etc ...incorrect pricing from Firm Price, ROM, LOL etc ...incorrect Through Life Costing ...changes to exchange rates ...changes to taxation ...changes to inflation ...excess depreciation
Security	...cyber attack ...insufficient clearance for staff ...lack of physical security for controlling access to people or systems ...management of information ...lack of accreditation ...incorrect security classifications ...aggregation of information ...insufficient access to sites, IT, information, people etc
Management	Project Management: ...unexpected pressure groups ...reduced public opinion ...unplanned changes to the schedule ...unplanned changes to the cost model ...unplanned change to interfacing Business Units ...retesting or rework ...unplanned changes to staff rates ...delays to or incomplete dependencies ...insufficient or incomplete audits Engineering Management: ...poorly managed Design Reviews ...insufficient management of Capability Integration ...insufficient management of Change ...insufficient management of Configuration ...insufficient management of Interface ...insufficient management of Quality ...insufficient management of Requirements ...insufficient management of System Integration ...insufficient management of Technical Planning ...insufficient management of Test & Acceptance ...insufficient management of Transversals
Facilities & Tools	...lack of facility availability ...excess booking lead time ...competing usage ...excess down time ...insufficient access to required software, tools, systems etc

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Information	...lacking stakeholder engagement/support ...incorrect assumptions ...incomplete acceptance evidence ...inability to send/receive information, outputs, deliverables etc ...Intellectual Property issues ...incorrect security classifications ...aggregation of information
Sustainability and Supportability	Planning: ...underdefined operational availability ...underdefined redundancy ...underdefined fault rate ...underdefined time to repair ...underdefined spares and spares holdings ...underdefined repair loop ...shortfalls in design for support ...underdefined maintenance planning ...underdefined manpower & human factors ...underdefined/incomplete supportability documentation ...underdefined Packaging Handling Storage & Transportation (PHST) ...underdefined obsolescence management ...lack of disposal / retirement planning Operational: ...inability to detect faults ...excess spares robbing ...lack of in-service monitoring ...lack of Post Design Support (PDS)
Health, Safety and Environmental	Safety Case: ...insufficient evidence to meet safety requirements ...lack of engagement with an Independent Safety Advisor (ISA) ...lack of defined safety critical systems Legislation: ...insufficient supporting evidence to meet legislation ...underdefined Military / Civil regulations ...3rd Part Usage ...control of contractors ...sustainability appraisal ...missing operational HSE control measures