Points that night be wentined in an answer P297 - clarify the safety requirements of individual 30% subseptens; each should have a documented Safety case that must be maintained through the reengineering process - limit interactions by specifying interfaces carefully and tying them in to the component safety cases - develop documentation a testing procedures for the QoS that the common playform must delive - ensure that common-platform failures are worked in & the individual safety cases, using whatever methodology the contractor uses (FMEA, fault tree analysis, ...) - deel with compatibility in ues, e.g. if two contractors use differing methodologies. You may have to impose product - wide ar even industry - wide standards component-level testing should be broadened to include faulty + perhaps malicions inputs from other components system-level testing will need to be added - while the above might be managed as a top-down project, waterfall style, one of the outputs of the project must be a system for evaluation and assurance of upgrades done later using an evolutionary wethodology - in the late, evolutionary, phase, feedback will be important. Syptems for dealing with customer alerts (accident reports will be necessary might consider mechanisms for field upgrade if bugs anight consider mechanisms for field upgrade if bugs