

ACQUIRING SUBSYSTEMS FROM EXTERNAL SOURCES

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Integrating subsystem from external sources into an integrated control system is becoming more commonplace as outsourcing is used to attempt to reduce costs. The functional requirements, integration plans, testing and maintenance must all be considered to insure success. At LEDA, systems were acquired for high power RF control, RFQ vacuum control and RFQ cooling control. These applications are discussed to discover good practices for acquiring external subsystems that operate and are maintained in an integrated environment.