

UPGRADE PLAN FOR THE BEPC CONTROL SYSTEM

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The BEPC control system was upgraded in October 1994. Except for low level CAMAC system, all of high level control computers and their adapters have been updated. To replace the low level CAMAC hardware, a new function-oriented control system structure is designed. The VME modules, PLCs, fieldbuses will be used as front-ends and device controller. A real-time operating system and some commercial software toolkits will be adopted to develop the control system. The PC based linac local control system will be upgraded also. This paper presents the upgrade plan.