

CONTROL SYSTEM RELIABILITY REQUIRES CAREFUL SOFTWARE INSTALLATION PROCEDURES *

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The demands on availability and reliability of the control system reflect the stability needed by accelerators in production. On the other hand the system is continuously developed and new features have to be included and adapted. With growing complexity of the system testing for unforeseen side effects becomes increasingly difficult. Frequently control access to pieces of equipment essential for the operation is necessary. Maintenance periods suited for installations are mostly extremely short. This paper describes the release control system and the installation stages used at BESSY to provide a high level of control system transparency and stability.