

**A WINDOWS NT DEVICE DRIVER FOR TRIUMF'S PCI TO
CAMAC EXECUTIVE CRATE INTERFACE**

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This paper describes the development and present status of a Windows NT device driver for the TRIUMF PCI to CAMAC interface. The Central Control System on TRIUMF's 500 Mev Cyclotron currently supports the PCI to CAMAC interface for device access using OpenVMS. A project to investigate device access using Windows NT is underway. The first step in this investigation has been the development of a Windows NT device driver. Subsequent work will be necessary to port higher level, device access software. The software design, implementation, and performance of the device driver are discussed.