

## CAS Facilities & Controls Overview

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The Centre for Accelerator Science maintains, develops, and operates currently four tandem accelerators primarily for Accelerator Mass Spectrometry (AMS) and Ion Beam Analysis (IBA). In 1964 ANSTO or the AAEC at the time installed its first accelerator, the 3 Million Volt KN3000 single ended Van de Graff. Though now decommissioned, ANSTO continued to invest in tandem accelerator infrastructure now operating and maintaining a 10MV, 6MV, 2MV, and 1MV tandem accelerators. Given the expanse in time the tandem accelerator facilities have been installed and developed, CAS relies on and supports a variety of control systems which will be detailed within the presentation.

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