

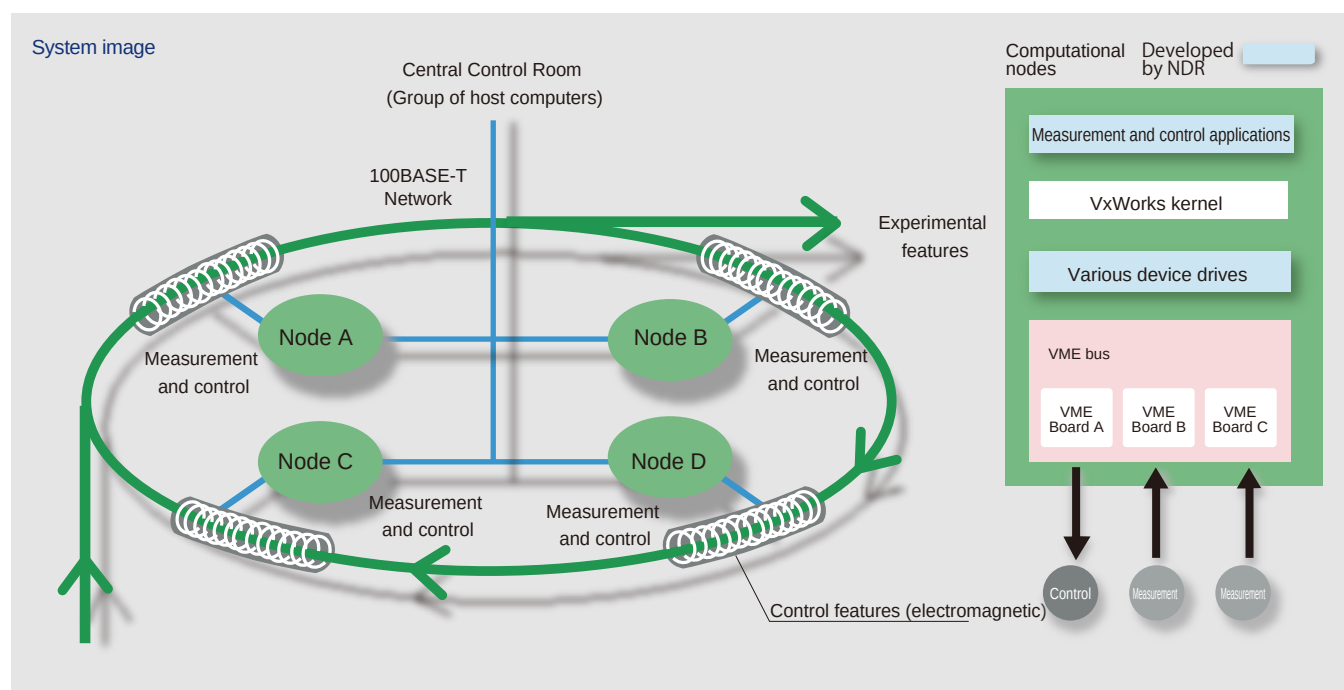
Embedded software

Drivers + Applications

Research equipment/facilities

Electromagnetic nodes for accelerators

A system has been developed to control the output patterns to the electromagnetic power controller and to monitor the output waveform and status of each equipment in response to instructions from the Central Control Room.



Development

- ▶ Control of the output pattern to the electromagnetic power controller in synchrony with the clock signals from the timing controller
 - Monitoring of deviations from the input-output values and errors
 - Function to monitor the input-output values to the Central Control Room

Features

- ▶ vxWorks porting
 - Construction of the timing system
 - Building of the control logic for the electromagnetic power controller