Built and managed multiple process control systems, [gained plant startup experience] enabling the test team to analyze newly released products.

Restored a malfunctioning GPS timeserver’s ability to detect satellites and synchronize the [test engineers’] network with a common GPS master clock.

Developed watchdog [in DeltaV software], solving problem of anomalous, undetected loss of controller communications [experienced in the field].

Created dynamic and intuitive GUI [and automated script], allowing software testers to monitor health of multiple continuous historians.

Wrote and conducted a course for engineers [and managers], teaching methods for efficiently creating dynamic monitors and watchdogs for testing.