



Steam Trap Monitoring in a Classified Area

Customer: Military Facility

Location: Northwestern USA

Scope of Work: The military facility is located on a large, geographically separated campus with hilly terrain and high humidity. The facility found it difficult to operate wirelessly using radio frequency transmissions near classified facilities.



A beta test was conducted on site and it was determined that the radio signal in the 920 megahertz (cell phone) range did not interfere with the military transmissions. Appropriate surveys were conducted and permissions obtained to permit the system to function on the site.

Upgraded Projects: The energy manager selected the Armstrong SteamEye® system to monitor the traps. A full steam trap survey was conducted to identify energy savings and specify the correct monitoring devices. A turnkey retrofit installation was performed on site.

Payback: The simple payback was under four years.

Benefits: The facility engineer reported, "With classified radio frequency operations on site, we were concerned about having any system that uses RF transmissions. We worked with our security folks to ensure no interference with communication of any kind. We also got concurrence from our information technology staff. We have had no disruption since SteamEye® was installed."

