



98% Reduction in Man Hours Using Remote Monitoring and Control

Application Sheet #40

CUSTOMER VALUE

98% reduction in man time. Optimized chemical program by improving time between rate changes.

SITUATION

- A chemical supplier located in North Dakota is responsible for setting rates and optimizing chemical consumption for one of their customers. Normal operations included receiving flow data from the oil company, and dispatching personnel to each location to adjust chemical injection rates.
- Rates were changed every two weeks. To perform this task approximately 17 man-hours were required for travel and time on site.

SOLUTION

Customer installed Sirius's Insight Connect IIoT solution, providing autonomous local feedback control, and remote monitoring and control of injection rates and tank levels.

RESULTS

- The time required to change rates dropped from 17 man-hours to 15 minutes every two weeks.
- Reduced drive time, providing a safer workplace.
- Due to the speed and efficiency of rate changes the chemical company increased their frequency of rate changes to twice per week, further optimizing their chemical program.
- The oil company was impressed by the value and has started retrofitting existing systems to include Sirius's InSight Connect technology.

