Implementer

Implementer is a BAS (building-automation system) trend-analysis tool developed by the Energy Systems Laboratory (ESL).

- acquires and stores trend data,
- allows users to give physical meaning to points,
- provides tight weather integration, time-alignment, advanced filtering options,
- provides tools to graphically slice-and-dice and consolidate what is often an enormous amount of data,
- analyzes trend data to identify existing control sequences and fault detection and diagnosis (beta).

The goal with Implementer is to empower the engineer to extract useful information from the BAS trend data, without becoming overwhelmed by it. By analyzing this data, the CC® engineer verifies control sequences and identifies issues that impact energy use, indoor air quality, and comfort.

The Energy Systems Laboratory

The Energy Systems Laboratory (ESL) at the Texas A&M Engineering Experiment Station is the premiere research lab in energy reductions and emissions reductions in the state of Texas.

- The ESL has developed the Continuous Commissioning® process, which creates comfort and increases energy efficiency. The ESL licenses this process and software to companies which implement the CC® process.
- The ESL educates undergraduate and graduate students and develops technology in the HVAC area. Our graduates are advancing the state-of-the-art for a variety of HVAC technologies.