CC® Implementer

ENERGY SYSTEMS LABORATORY
TEXAS A&M ENGINEERING EXPERIMENT STATION

Energy Systems Lab at the Texas A&M Engineering Experiment Station

Implementer

Implementer is a scalable building-automation system trend-analysis tool developed by the Energy Systems Laboratory (ESL) that extracts key observations, efficiently from extensive data sets

Input

- Trends from Building Automation System
- Equipment specifications (optional)
- Weather (auto obtained)

Process

- Visualization
- Analysis
  - Control Sequence
  - On/Off
  - Critical Zone
- Fault detection & Issue Management
  - Boolean rules
  - Custom equations
- Trend manipulation equations
- Automated reports

Output

- Plots, Multiple plots, Auto reports (Excel)
- Analysis Routines, Custom Eq. & Rules
- Fault detection & Issue management

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 students and develops technology in the HVAC area. Our graduates are advancing the state-of-the-art for a variety of HVAC Technologies.