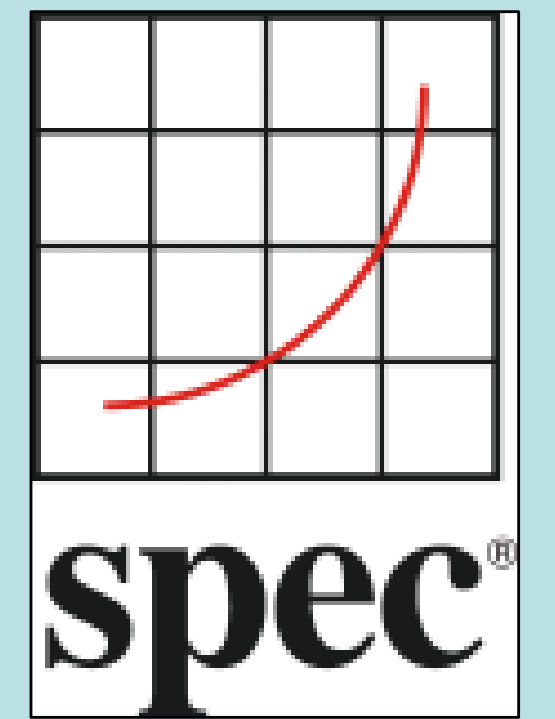# Enabling Power Measurement
SPEC Power Temperature Daemon (PTDaemon)

Developed by the Power Subcommittee
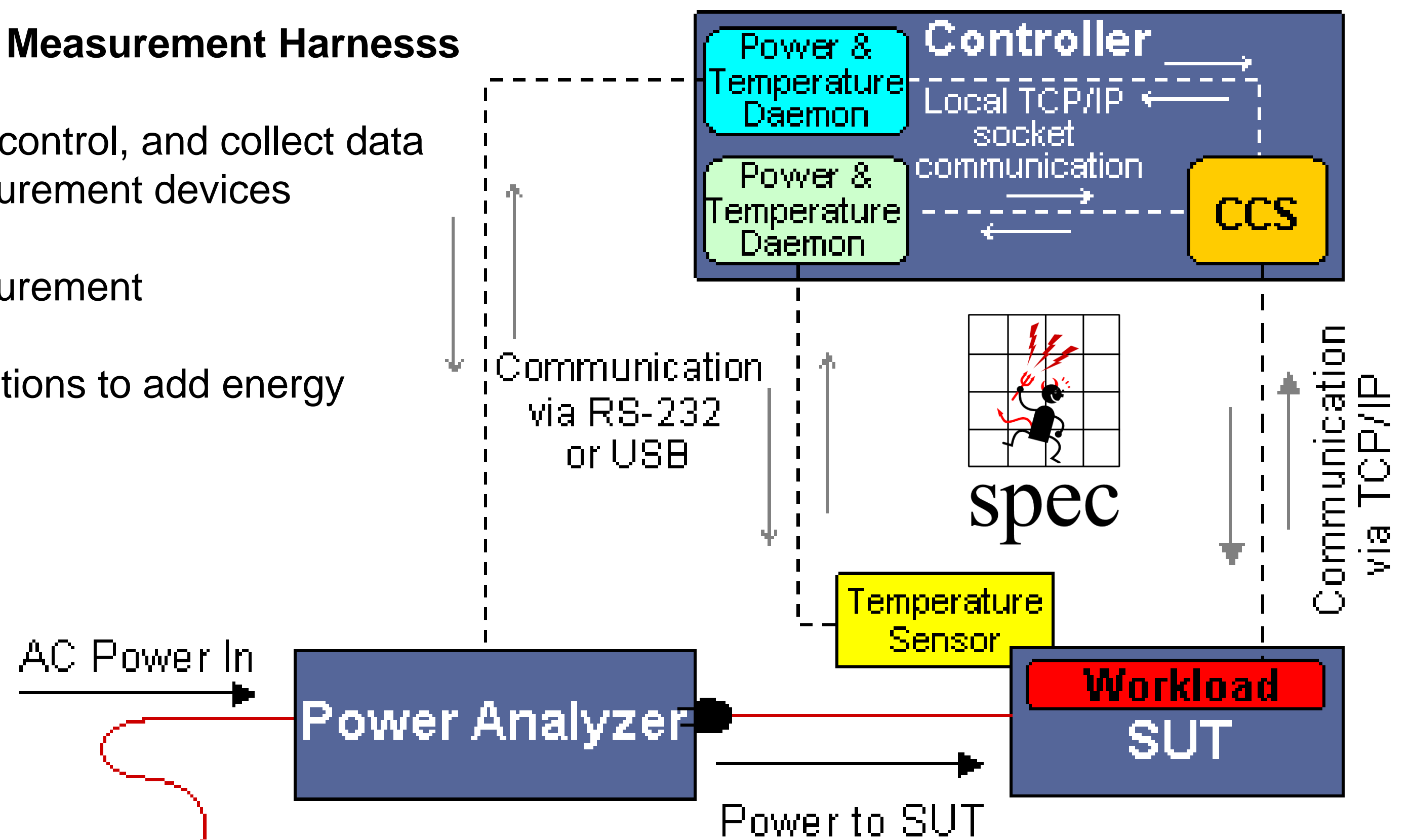Webpage: **http://www.spec.org/power_ssj2008**

PTDaemon – a Power and Temperature Measurement Harnesss

- Infrastructure software to connect, control, and collect data from power and temperature measurement devices

- Enables standardized power measurement

- Enables other benchmark organizations to add energy efficiency to their benchmarks

Utilized by multiple benchmarks

- SPECpower_ssj2008

- SPECweb2009

- SPECvirt_sc2010 (coming soon)

- TPC-Energy

- More to come

Power Benchmark Methodology Guide

- **Best practices guide for benchmarks measuring performance and power**

- **Publicly available:**
  - **http://www.spec.org/power_ssj2008**

- **Benchmark independent**
  - Utilized by: SPECpower_ssj2008, SPECweb2009, and SPECvirt_sc2010

- **Purpose**
  - For performance benchmark designers who want to integrate power measurement

  - Serves as an introduction to understanding the relationship between power and performance metrics in benchmarks

  - Applies to existing benchmarks and the design of new benchmarks