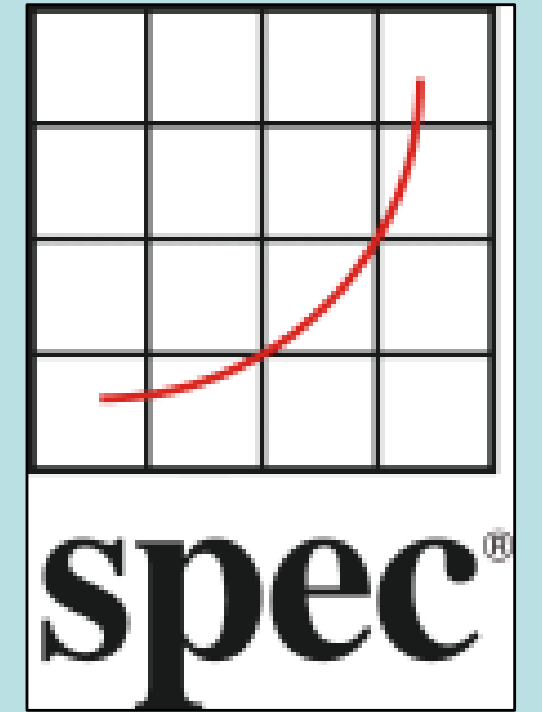# SERT
Server Efficiency Rating Tool

Developed by the Power Subcommittee

spec®

SERT:

- The next generation tool for measuring server power efficiency

- A Server Efficiency Rating Tool (SERT) rather than a benchmark

- Measures both performance and power

- Designed for potential use by EPA's Energy Star for Server program

- Leverages existing SPEC methods, code-base, and expertise

energy **ENERGY STAR**
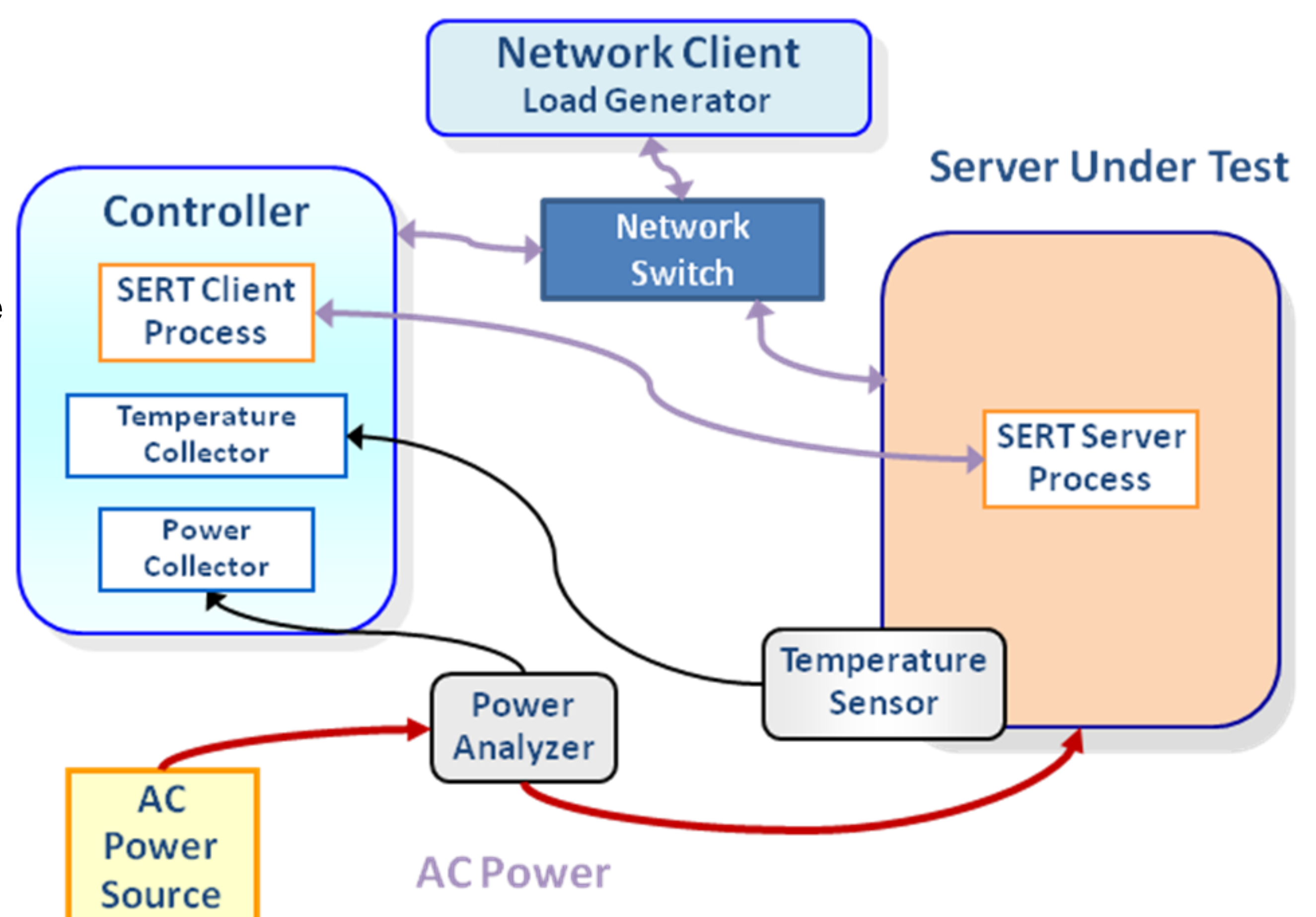
Purpose & Goals of SERT:

- Flexible and adaptable to a range of server platform architectures and capabilities

- Covers multiple types of workloads (CPU, I/O, storage)

- Easy to use

Who is developing SERT?

- Leading engineers and scientists in the fields of benchmark development and energy efficiency have been committed by AMD, Dell, Fujitsu, HP, Intel, IBM, Sun to tackle this task in the SPECpower Committee

Current Status:

- Concrete design requirements are under development

- Actively engaged with the EPA on the design process

- Collaborating with industry on function and evolution

The SPECpower committee welcomes active participation from new members