



Thermal Management

ARC, the Best Kept Secret in Efficiency!

Heat rejection and cooling of parts is critical to achieving **optimum efficiency**. ARC thermal management services can solve thermal problems.

Streamline Solutions, a joint venture between ARC and ENGYS Inc, **CFD ELEMENTS package** is used in tandem with a 1D code to evaluate and optimize the air side performance of a cooling system, including heat-exchangers, fans and HVAC modules. Exceptional computing scalability (minimal HPC licenses) permits quick iterative cycles.

All thermal simulations are done at ARC using its **in-house High Performance Computing (HPC)** data center for maximum customer privacy. Current cluster computing power includes more than 10 teraFLOPS and 600+ cores. More than 1,000 additional processors are also accessible remotely outside of the headquarters.

