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United States Army
Redstone Technical Test Center (RTTC)



Resources

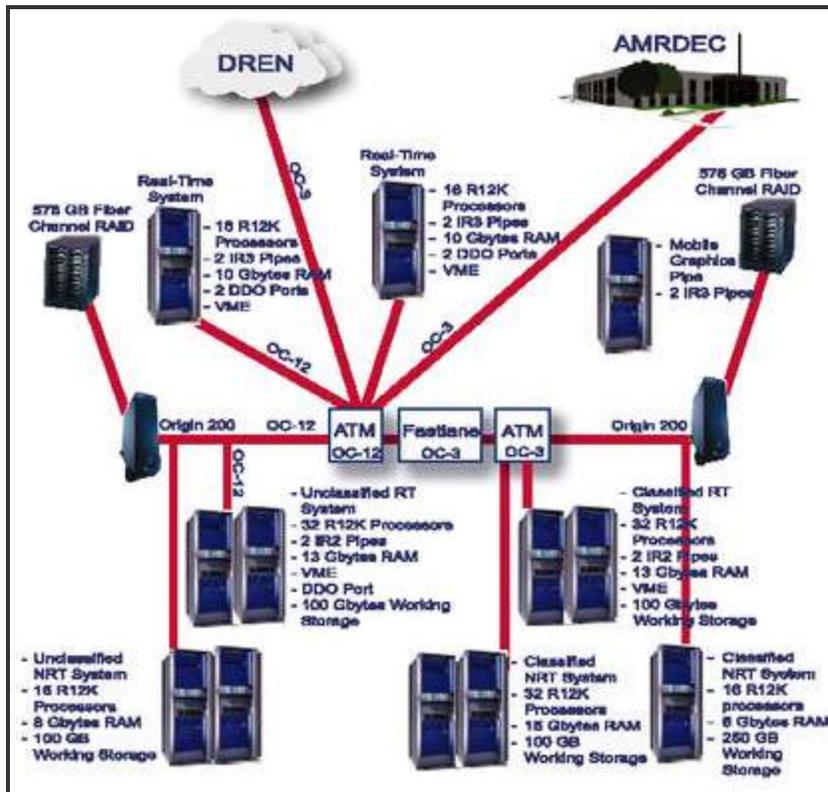
High Performance Computer

RTTC has extensive Super-computing capabilities provided by the DoD High Performance Computing (HPC) Modernization Office. The Center has large main frame systems used for large numerical calculation and graphics generation applications. The results of these applications are fed in real-time to hardware-in-the-loop laboratories. RTTC also performs a large amount of predictive calculations such as target and background signature predictions, dynamic mode predictions, and electromagnetic mode predictions. The Center also hosts several virtual range databases and all-digital weapon simulations on its HPC machines.

RTTC has an extensive fiber optic infrastructure making the HPC available to all its labs and ranges. Also, the HPC is connected to the Defense Research and Engineering Network (DREN), both classified and unclassified, which makes the equipment available to off-site users and also facilitates distributed simulations.

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