Intel Trace Analyzer and Collector (ITAC) is a graphical tool for profiling and understanding the MPI behavior of your code.  ITAC allows you to visualize the performance of MPI communication and identify hotspots and reasons for poor scaling performance.

The Message Passing Interface (*MPI*)

high-performance computing (HPC)

**Benefits:**

* Visualize and understand parallel application behavior
* Evaluate profiling statistics and load balancing
* Analyze performance of subroutines or code blocks
* Learn about communication patterns, parameters, and performance data
* Identify communication hotspots
* Decrease time to solution and increase application efficiency