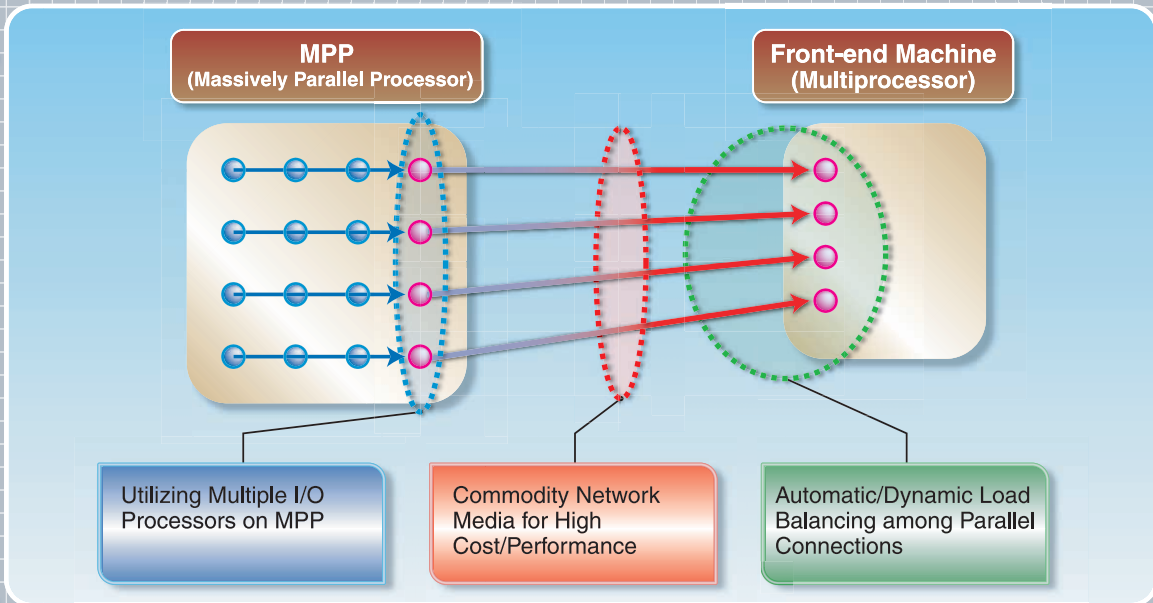


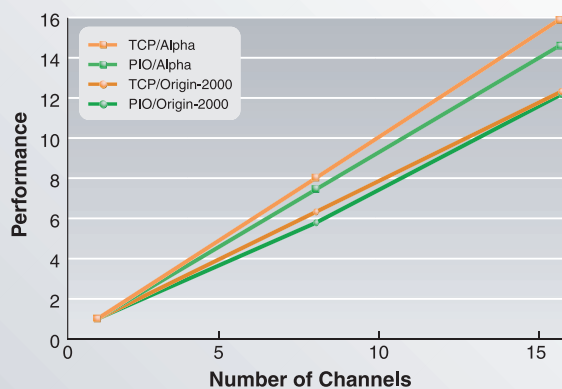


PAVEMENT/PIO

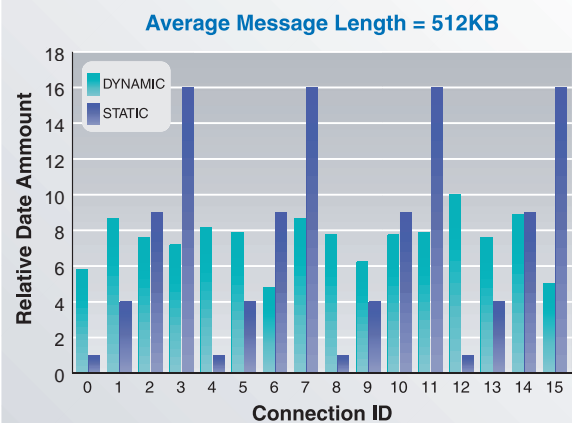
Parallel I/O System for Massively Parallel Processors



- ▶ **PAVEMENT/PIO** provides a flexible, self load balanced and high cost/performance parallel input/output environment which enrolls surrounding front-end machines to any style of massively parallel processing system.
- ▶ **API of PAVEMENT/PIO** is very simple and easy-to-program for end user applications which require high throughput I/O interactions with file servers, visualization servers and/or other outer environments for the next generation HPC platforms.



Scalability for # of connections



Effect of Dynamic Load Balancing