



Pinnacle Application Note UDP verses TCP

**PinApp #04-007
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Sielox's Pinnacle system utilizes UDP for communications to the workstations. UDP does not have the overhead of TCP, and is thus considerably faster than TCP. UDP is essentially "immediate and efficient". The reason is TCP goes to extended lengths to insure that data arrives at its destination intact, and as a result it exchanges a fairly high number of packets over the network. Essentially, in those situations where speed is paramount, or the number of packets sent over the network must be kept to a minimum, UDP was considered a superior solution.

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