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networks. Increased use of wireless technologies and the available variety of wireless mobile devices in the market demands for efficient technology for communication. TCP throughput however degrades over wireless links; the performance achieved by TCP can be improved through the use of cross-layer algorithms. In this paper an architecture is

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Abstract In the preferred embodiments, it is first determined whether or not a TCP connection from a sending device to a receiving device in the wireless communications network is in a slow start phase.

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