Unit	Programmable	Purpose
Input Interface	no	Interface to network devices
PDU Assembler	no	Collect blocks of a frame
Reorder Buffer	no	Ensure packet order
Stream Editor	yes	Modify outgoing packet
Pattern Processor	yes	Classification
State Engine	yes	Gather statistics and administrative functions
Traffic Manager	yes	Schedule packets and shape flows

Figure 18.1 Major functional units on the APP550 and the programmability of each. Some units that are not fully programmable are configurable.