Steps Taken

1. The application sends data over the Internet
2. Protocol software passes a packet to the driver
3. The driver stores the outgoing packet in the shared variables
4. The upper half specifies the packet location and starts the device
5. The upper half returns to the protocol module
6. The protocol software returns to the application
7. The device interrupts and the lower half of the driver executes
8. The lower half removes the copy of the packet from the shared variables

Figure 17.2 A simplified example of the steps that occur when an application requests an output operation. A device driver located in the operating system handles all communication with the device.