

## **JPS Interfaces**

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The JPS has interfaces, implemented as plug-ins, to communicate with:

- Application managers, such as the SAE
- Record-keeping servers
- CMTS devices

The JPS is relatively stateless, but the individual plug-ins can be stateful.

The JPS uses the Common Open Policy Service (COPS) protocol as specified in the PacketCable Multimedia Specification PKT-SP-MM-I03-051221 for its interface connections. The JPS communicates with the CMTS device and the application manager by using a COPS over Transmission Control Protocol (TCP) connection.

### ***Application Manager to Policy Server Interface***

To allow the JPS to communicate with the application manager, this interface accepts and manages COPS over TCP connections from application managers, such as the SAE.

### ***Policy Server to RKS Interface***

To allow the JPS to communicate with a set of redundant record-keeping servers, this interface sends a policy event message to the RKS when receiving a PCMM-COPS gate control (request, delete, update) message. This interface also sends time change events to the RKS.

### ***Policy Server to CMTS Interface***

To allow the JPS to communicate with policy enforcement points (PCMM devices), this interface initiates and manages COPS over TCP connections with CMTS devices.

