

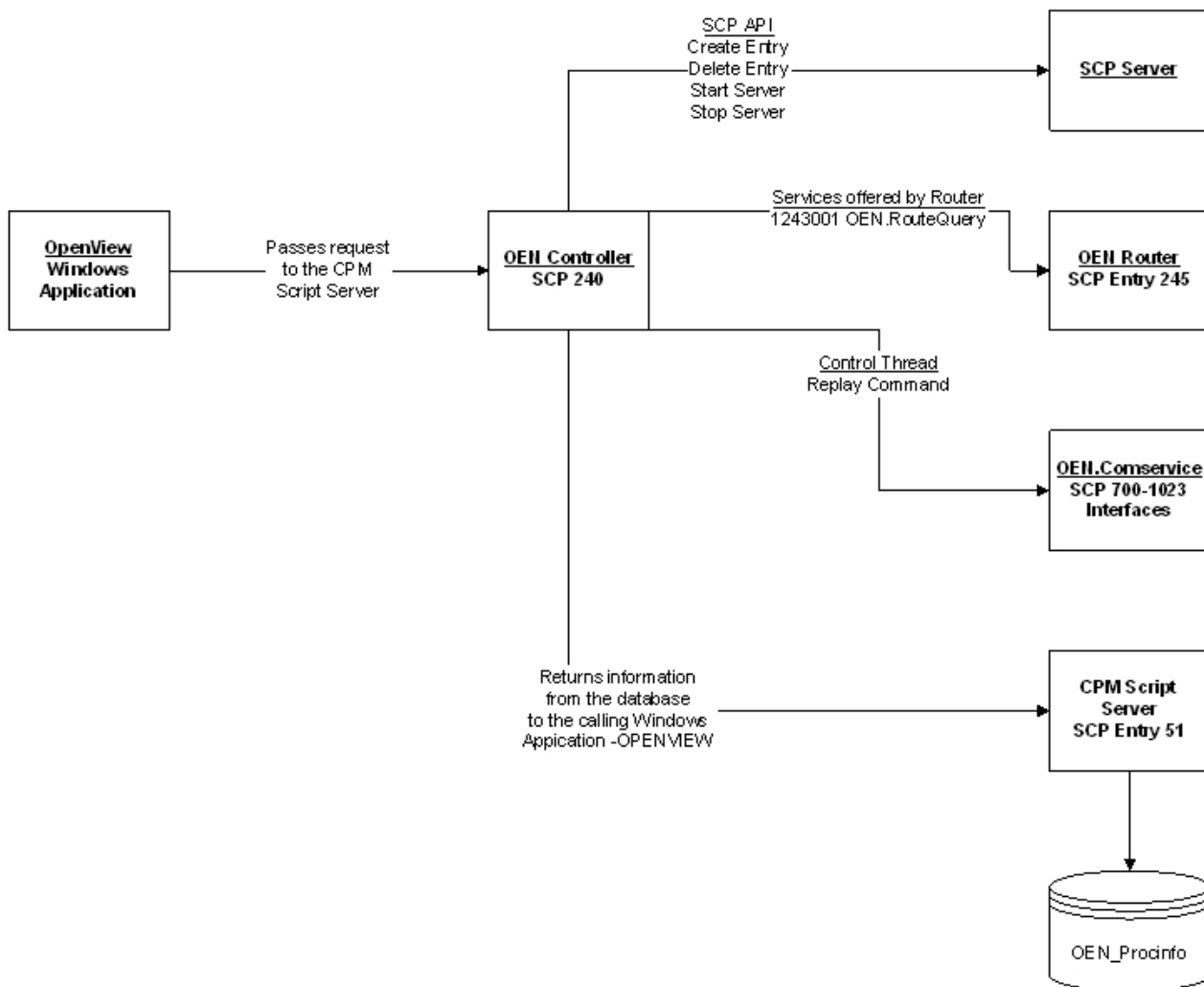
OpenEngine Server Diagrams and Descriptions

Overview of OEN Controller Server

The OEN Controller server (SCP 240) provides Open Engine users with a single application control point for Open Engine processes. The OEN Controller is primarily used by OpenView (OpenView.exe), a front-end application used to configure, start, stop and monitor interfaces. OpenView sends and receives all of its data through the OEN Controller. The request is sent from OpenView to the OEN Controller which in turn passes the request to SCP (scp). The results of the request are then sent back through the OEN Controller to OpenView.

Request Diagram

The following diagram depicts the requests made to and by the OEN Controller.



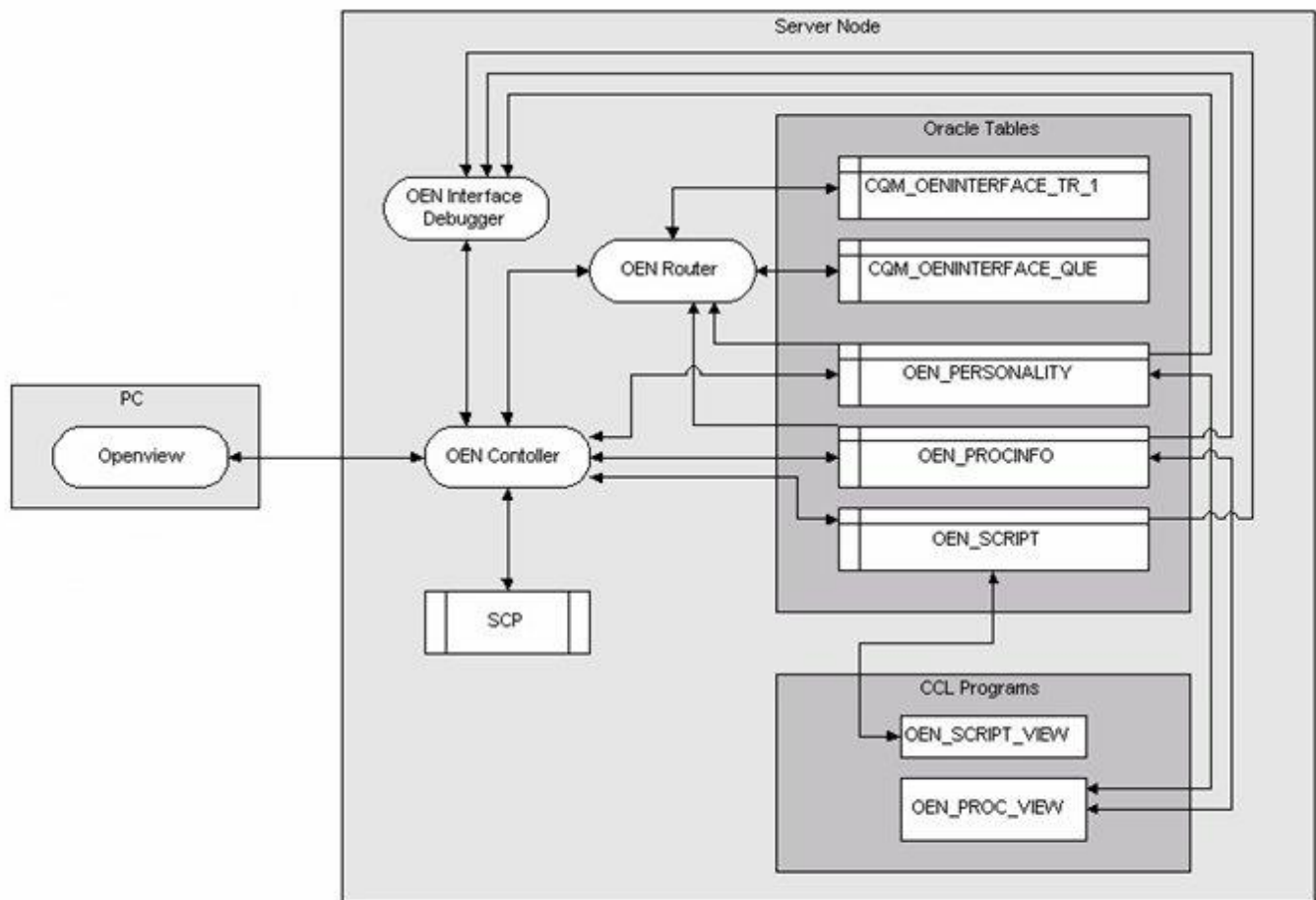
Overview of OEN Interface Debugger Server

The OEN Interface Debugger server is used to develop and debug interface routing and formatting scripts. This server is another instance of the OEN Router server with a different binding. It is not used in the daily operations of Open Engine and is used primarily to debug formatting scripts.

For example, a user selects an Interface and a sample Transaction using OpenView (OpenView.exe). The interface name and sample transaction are passed to the OEN Controller server. The OEN Controller server passes the data on to the OEN Interface Debugger server. The OEN Interface Debugger server reads the interface configuration information from the OEN_PERSONALITY table from the CPM Script server and performs all of the formatting and routing scripts. Based on routing it also performs any formatting for the outbound interface that receives the transaction. The results are passed back through the OEN Controller server to OpenView. The resulting information is displayed in OpenView for the user to step through each formatting step and see the resulting transaction.

Requests Diagram

The following diagram depicts the requests made to and by the OEN Interface Debugger server.

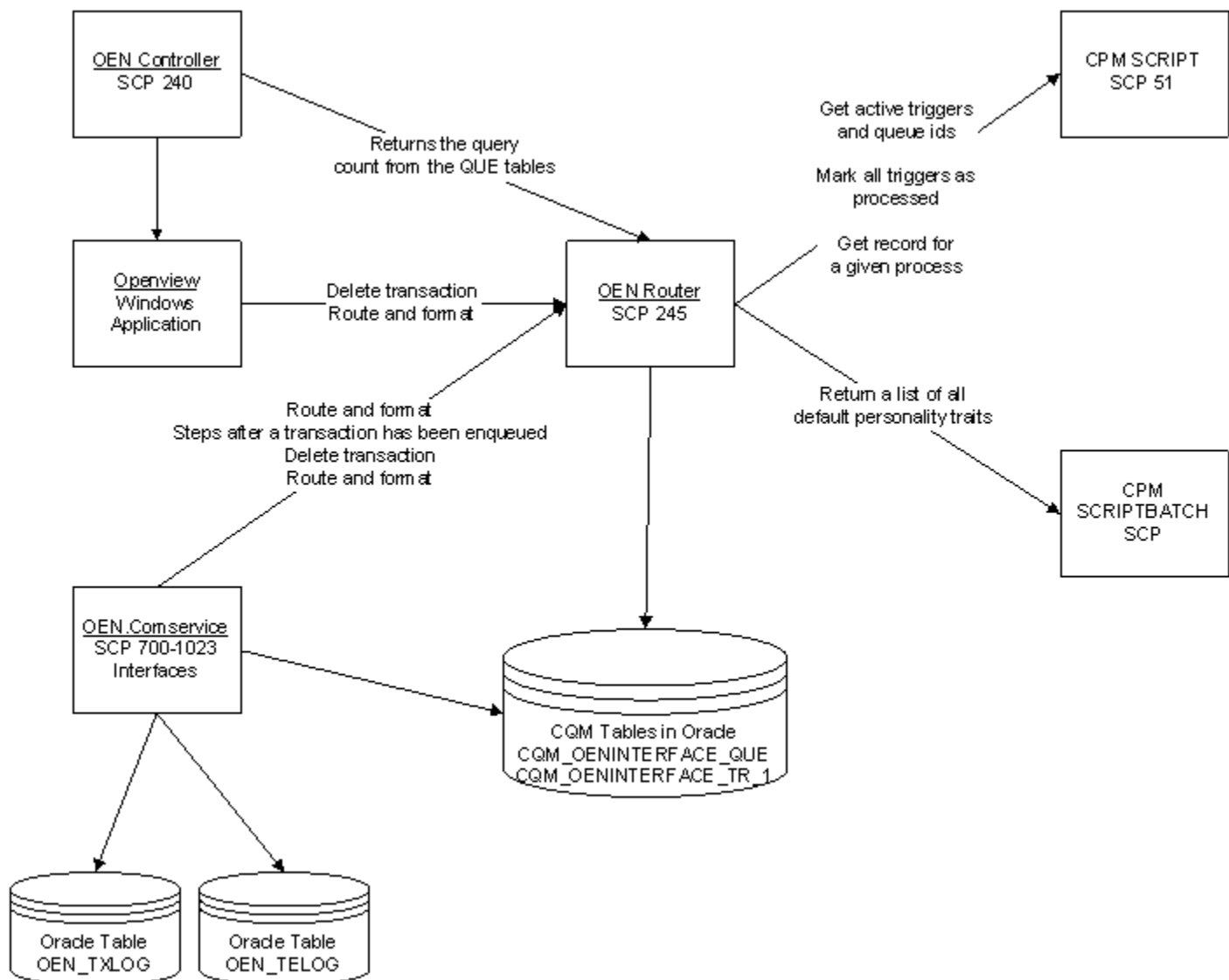


Overview of OEN Router Server

The OEN Router server, sometimes called the Router, is responsible for keeping track of transaction statistics. This server is notified every time a message is enqueued or dequeued from all the com servers. This allows utilities such as OpenView or OEN_Query_Client to retrieve valuable information quickly without the overhead of reading the database.

Requests Diagram

The following diagram depicts the requests made to and by the OEN Router server.



Overview of CPM ESI Server

The CPM ESI server (SCP 250) receives transactions from external systems through the Open Engine COM servers, translates the data, and then inserts and updates it into the *Cerner Millennium* database.

Requests Diagram

The following diagram depicts the requests made to and by the CPM ESI server (SCP 250).

The Pharmacy Order (SCP 630) server is obsolete. Instead use the Pharmacy Inbound Dispense (SCP 640) server and related request.

