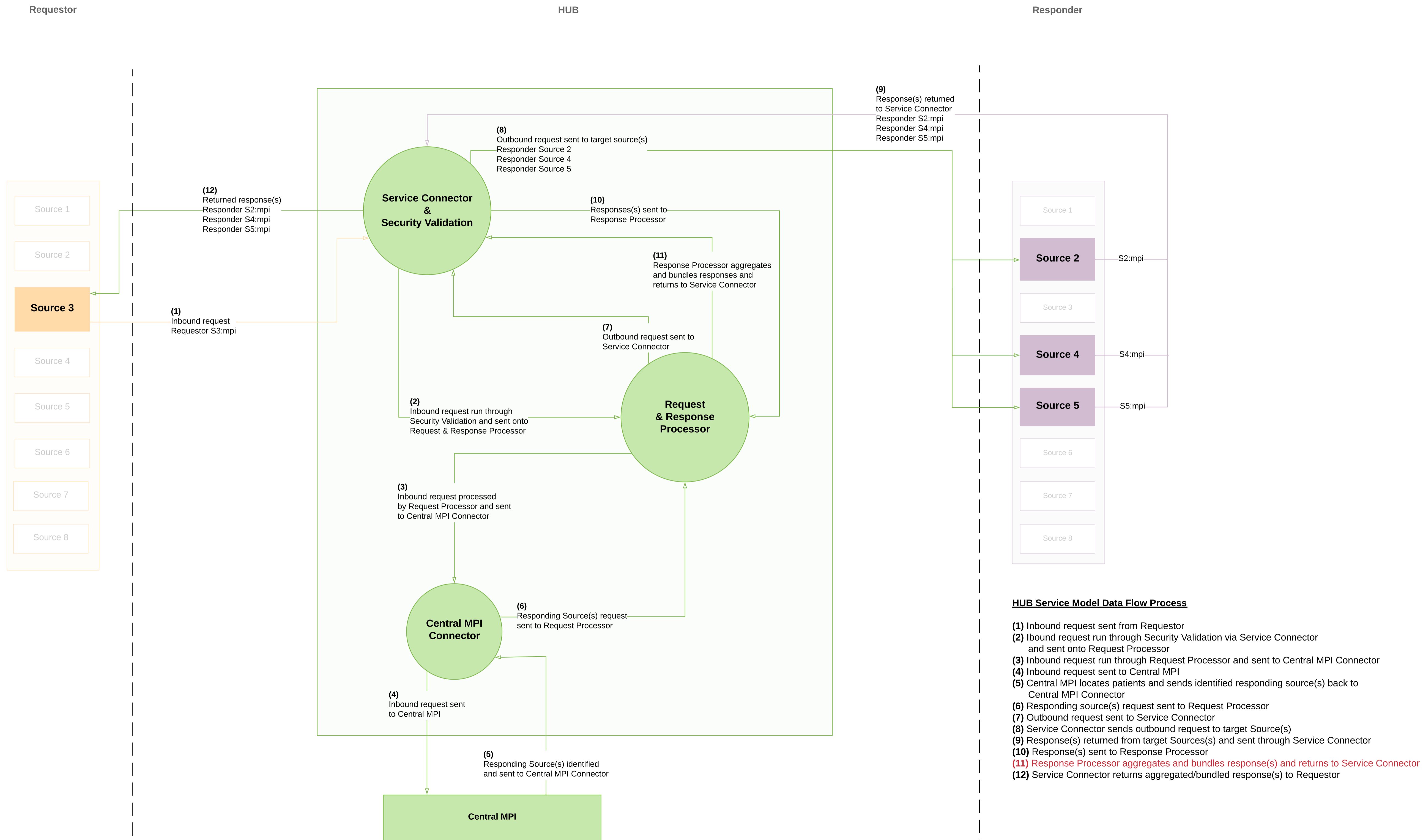


## FHIR HUB Service Model



### HUB Service Model Data Flow Process

- (1) Inbound request sent from Requestor
- (2) Inbound request run through Security Validation via Service Connector and sent onto Request Processor
- (3) Inbound request run through Request Processor and sent to Central MPI Connector
- (4) Inbound request sent to Central MPI
- (5) Central MPI locates patients and sends identified responding source(s) back to Central MPI Connector
- (6) Responding source(s) request sent to Request Processor
- (7) Outbound request sent to Service Connector
- (8) Service Connector sends outbound request to target Source(s)
- (9) Response(s) returned from target Sources(s) and sent through Service Connector
- (10) Response(s) sent to Response Processor
- (11) Response Processor aggregates and bundles response(s) and returns to Service Connector
- (12) Service Connector returns aggregated/bundled response(s) to Requestor