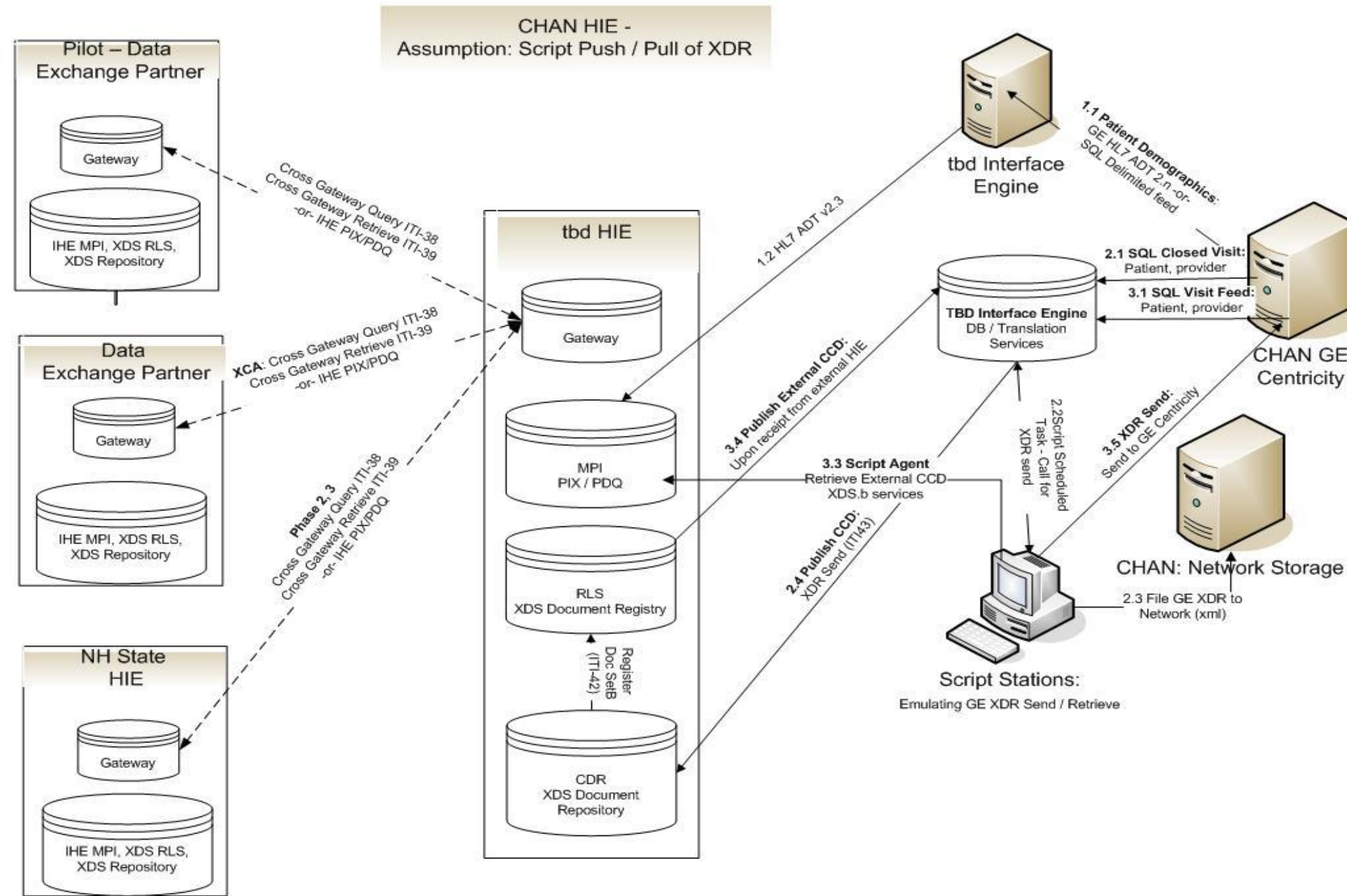


**Attachment B: XDR & Script Agent: Leverage Native GE Centricity XDR Utility & Script Agent to Replicate CCD Import / Export to GE**

**Assumptions:**

RFP Finalist / Winner provides IHE compliant HIE solution that includes an MPI, IHE XDS.b document exchange  
 GE Centricity is unable to provide an interoperability suite that offers IHE PIX / PDQ service, XDS.b Provide & Register, IHE Stored Query, IHE Retrieve, XCA  
 RFP Finalist / Winner has an automated end user script solution to emulate user activity of pushing / pulling XDR CCD via GE Centricity and an input file / database  
 RFP Finalist / Winner would log success, failures, retries to database

**Solution would resemble schematic below:**



**System Use Cases:**

| Process   | From                   | To                                 | Comment:  |
|---|------------------------|------------------------------------|---|
| <b>1) Patient Identity Feed:</b>  |                        |                                    |   |
| 1.1 HL7 ADT v2.n  | GE Centricity          | HIE MPI                            | Contingency if GE does not provide ADT is a SQL trigger to push delimited demographic data to HIE MPI<br>MPI unifies / links patient id's under an a single unique id |
| 1.2 Create or Link MPI Value  | HIE Interface Engine   | HIE MPI                            |   |
| <b>2) Publish CCD from GE Centricity to HIE (Replicates IHE Provide &amp; Register):</b>                            |                        |                                    |   |
| 2.1 SQL Delimited file: Visit File (Completed or edited) clinical visits, patient mrn                               | GE Centricity          | Script Engine database             | Scheduled hourly  |
| 2.2 Script Agent: Schedule Task Retrieve patients w/ New CCD (input file step 2.1)                                  | Script Workstation     | Script Engine database             |   |
| 2.3 Script Agent Files GE XDR (CCD XML file) to network share   | Script Workstation     | Network share                      |   |
| 2.4 Automated DOM / Javascript Sends XDR to HIE via translation IHE Provide & Register (ITI-43)                     | Script Engine database | HIE Repository                     |   |
| 2.5 HIE ITI 42 to register document set b to Record Locator Service   | HIE Repository         | HIE RLS                            |   |
| <b>Retrieve CCD from HIE to GE Centricity (Replicates IHE Retrieve Document Set (ITI-41) Stored Query (ITI-18))</b> |                        |                                    |   |
| 1 SQL view populated to retrieve scheduled appointments w/in the next nn minutes                                    | GE Centricity db       | SQL Table                          | **Alternative solution is a translation is to transform XDS.b to HL7 MDM push upon receipt  |
| 2 Script Agent polls Retrieve (SQL) table   | Script Engine database |                                    |   |
| Script Agent transforms patient instance to IHE XCA one of: PIX/PDQ -or- XCA Query/Retrieve ITI-38, 39,             |                        |                                    |   |
| 3 XDS.b document retrieved from data exchange partner   |                        |                                    |   |
| 4 Publish External CCD to Interface Engine / Script database  | HIE RLS                | Script Engine database             |   |
| 5 Script Agent transforms output and routes to clinician's inbox associated to appointment                          | Script Engine database | GE Centricity's Provider's Mailbox |   |