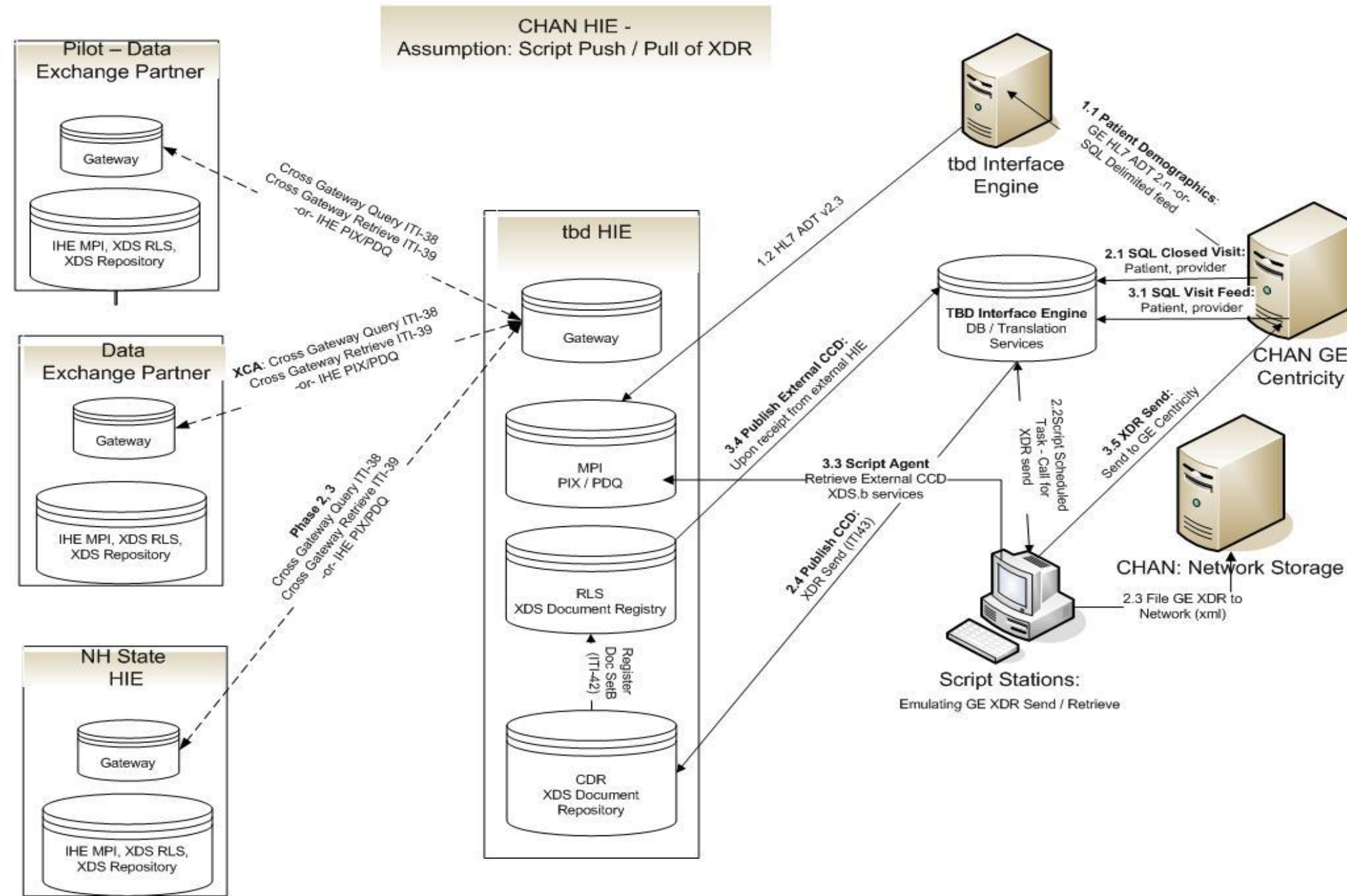


**Attachment B: XDR & Script Agent: Leverage Native GE Centricity XDR Utility & Script Agent to Replicate CCD Import / Export to GE**

**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 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	