Enhancing Electronic Health Records Systems to Generate and Exchange Data with Electronic Vital Records Systems

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Purpose

- Specific: to develop a roadmap with possible routes for certification of electronic health records systems' (EHRS) capabilities for generating data for and exchanging data with electronic vital records systems (EVRS).
- General: to develop a roadmap for enhancing EHRS to generate and exchange data with EVRS.

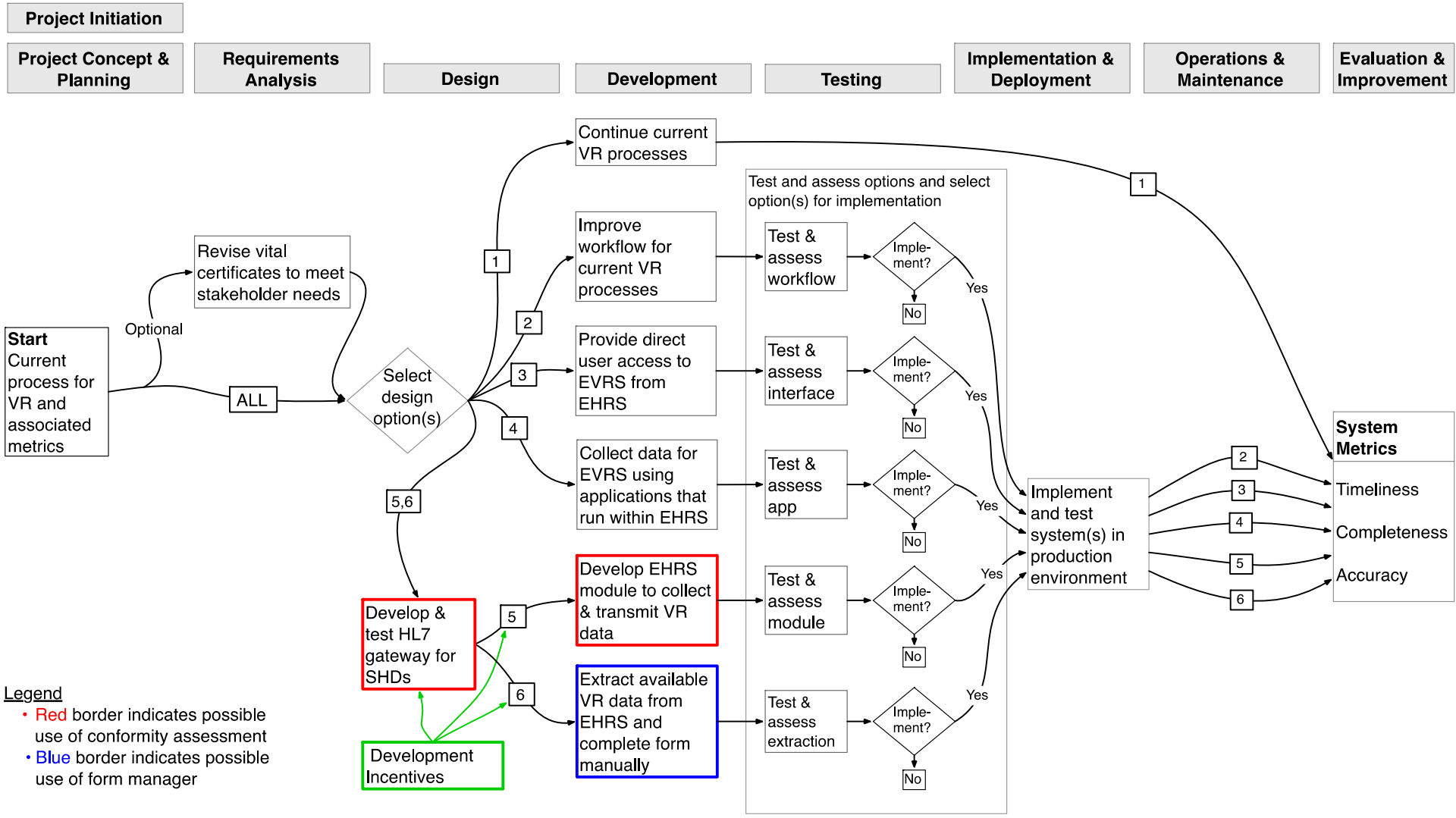
What did we do?

What three main things did we learn from our interviews?

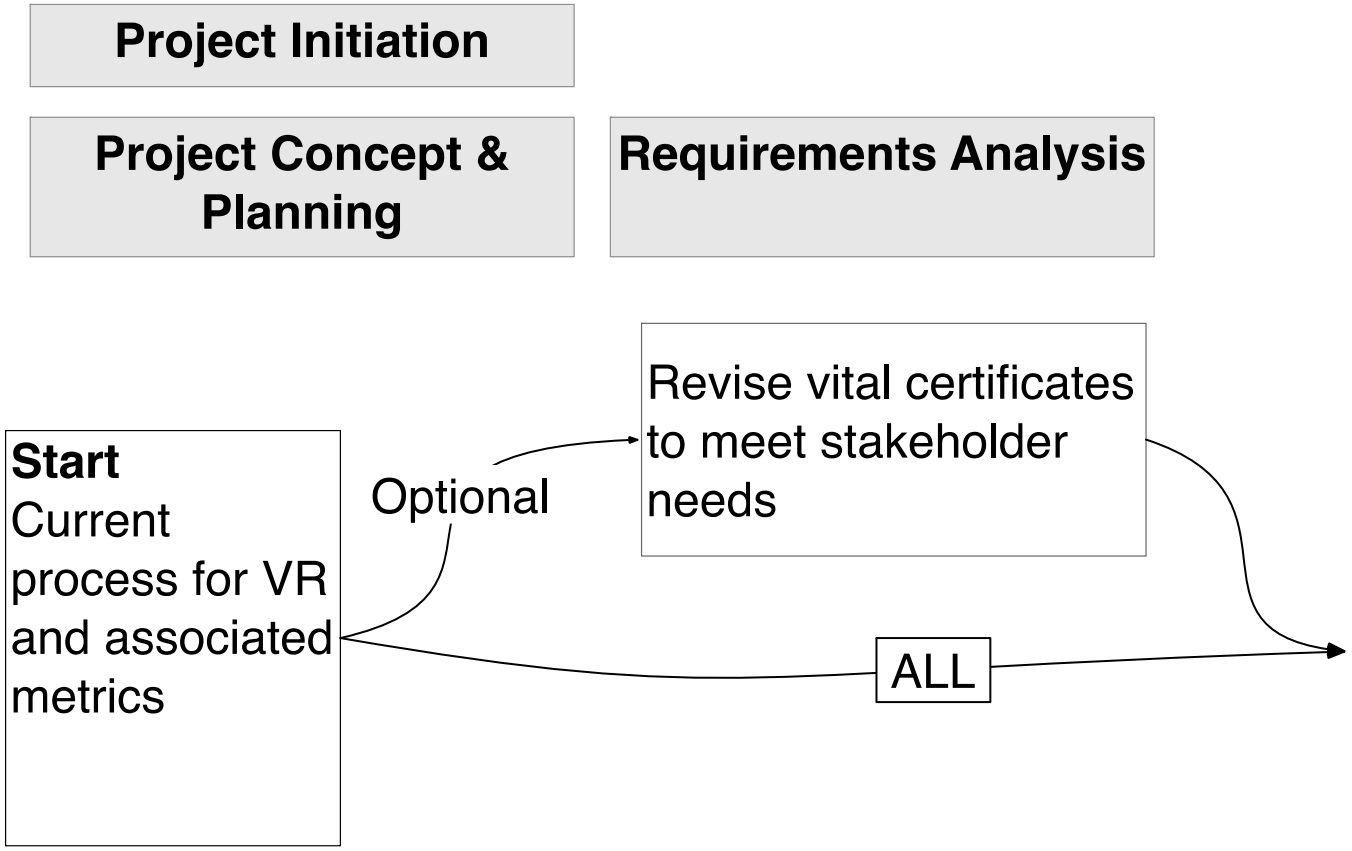
What else did we learn about barriers and facilitators?

What are the roadmap and routes to enhancing EHRS to generate and exchange data with EVRS?

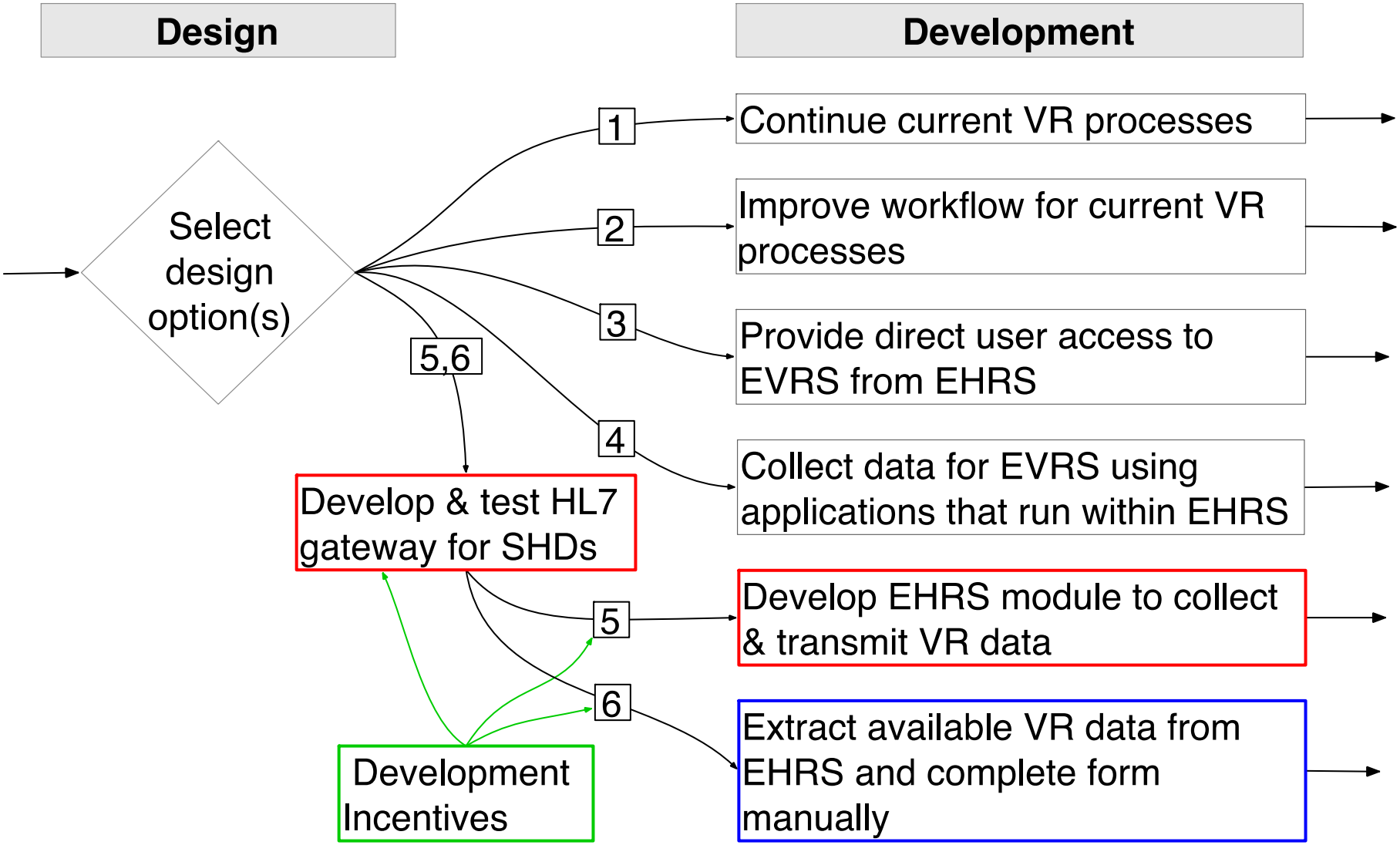
Road map: phases 1-9



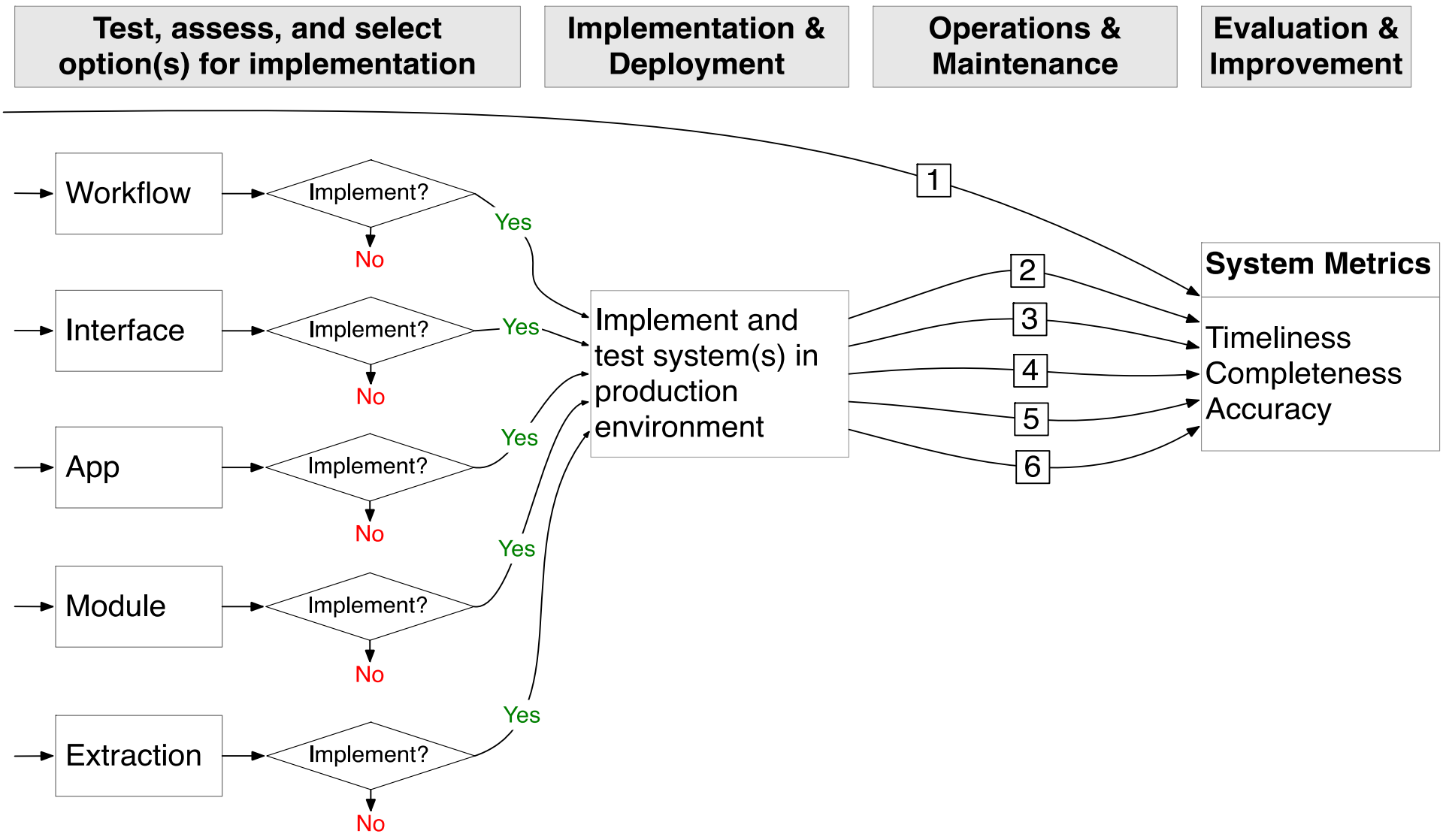
Road map: phases 1-3



Road map: phases 4-5



Road map: phases 6-9



Conditions for six possible routes for enhancing EHRS to generate and exchange data with EVRS

	Route					
	1	**2**	**3**	**4**	**5**	**6**
Condition						
Place of data entry	EVRS	EVRS	EVRS	App	EHRS	EHRS
Manual data entry	Yes	Yes	Yes	Yes	Maybe	Maybe
Double data entry	Yes	Yes	Yes	Maybe	No	No
Place of data storage	EVRS	EVRS	EVRS	EVRS	EHRS	EHRS
Means of data transfer	EVRS	EVRS	EVRS	EVRS	HL7	HL7/EVRS

1 = Continue current VR processes
2 = Improve workflow for current VR processes
3 = Provide direct user access to EVRS from EHRS
4 = Collect data for EVRS using applications that run within EHRS
5 = Develop EHRS module to collect and transmit VR data
6 = Extract available VR data from EHRS and complete form manually

How should specific routes be chosen for enhancing EHRS to generate and exchange data with EVRS?

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