

Healthix Consent Web-Service *Specification*

Version 0.1



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Version	Date	Author	Comments
0.1	April 27, 2016	Naitik Patel	Create initial document.

➡ **Interim note:** Healthix is currently building automated web-services, whose development and testing will result in updates to this specification through mid-2016.

1. Web-Service Introduction

Healthix consent web-service is an API services through which Healthix communicates patient consent registered at Healthix to its Participant. When clinician search for a patient in their EMR, an automated web-service request triggers to Healthix with Facility ID and patient MRN. Healthix will use this information to search for consent.

2. Steps for Healthix Consent Web-service

1. User searches patient on their EHR
2. EHR generates the request to Healthix with the following attributes and SOAP envelope

Item	Required/ Optional	Format
Patient's MRN	Required	
Facility ID (Will be Provided by Healthix)	Required	
Site Security Certification (Provided by Healthix)	Required	

3. EHR sends generated request to Healthix.

Site Request (Interim):

```

POST http://zephyr:81/TestSaml/ HTTP/1.1
Accept: text/html, application/xhtml+xml, */*
Accept-Language: en-US
User-Agent: Mozilla/5.0 (Windows NT 6.1; WOW64; Trident/7.0; rv:11.0) like Gecko
Content-Type: application/x-www-form-urlencoded
Accept-Encoding: gzip, deflate
Host: zephyr:81
Content-Length: 8921
DNT: 1
Connection: Keep-Alive
Pragma: no-cache

```

```

SAMLResponse=PHNhbWxwOjJlc3BvbmliaHhtbG5zOnNhbw9InVyb2pYXNpczpuYW1lc3p0YzpuTQ
U1MOjluMDphc3NlcnRpb24iIHhtbG5zOnhzPSJodHRwOi8vd3d3LnczLm9yZy8yMDAxL1hNTFNjaGV
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```

InbmF0dXJlIiAvPjxUcmFuc2ZvcM0gQWxnb3JpdGhtPSJodHRwOi8vd3d3LnczLm9yZy8yMDAxLzEwL3htbC1leGMtYzE0biMiPjxJbmNsdXNpdmVOYW1lc3BhY2V2IFByZWZpeExpc3Q9IiNkZWZhdWx0IHhnbWxwIHhnbWwgeHMgZHMgeHNpIiB4bWxucz0iaHR0cDovL3d3dy53My5vcMcvMjAwMS8xMC94bWwtZXhlLWMxNG4jIiAvPjwvVHJhbnNmb3JtPjwvVHJhbnNmb3Jtcz48RGlnZXN0TWV0aG9kIEFsZ29yaXR0b0iaHR0cDovL3d3dy53My5vcMcvMjAwMS8xMC94bWxkc2lnI3NoYTEiIC8%2BPERpZ2VzdFZhbHVIPmc1WEhTSkNIRmt5NUJZbU9kSmtGNUiYz0tXRT08LORpZ2VzdFZhbHVIPjwvUmVmZXJlbnNIPjwvU2lnbmVksW5mbz48U2lnbmF0dXJlVmFsdWU%2BRjliUmIRSUFU03VEazZRRzNQcmdPRUE3RTN4N1hDTjZGUDZpWEszbUhumanhuQnVtY2dqK0V5YW5iaWlhRithZHptYzAyTW9LZ3hiQTVNRRzBZY280LOE2OFJHRUdkSVFVdGNmSG9zTGd0dis3elRmUElhbXJlUmRkQVg5THIxZlVUDBEMEdQaUcwQ3dFMkZxcFz0VzNCMmxJOG1KL25MV2VOM1c0VGpCNGN2Q3ZCZFlvN1JPOHB6emoxT21odmQ4T3FZcmY5YWxLM3JZRms2WFhHMTIzejUyR1dHUk9ud2FpYWFNMDI2aDZBUjE2Z09qalp5SIIkMkpQSS9XYU1uZkgxYWNnRjBzQkdySXhzTGJjeHB3eWVJQVBhTFZpdGdvZS9LeXVVVTM4OFZMb2dua3pLLzQ3dW1nZXNiT1hDN2dkbUZrM3dxL0o0YUxPTWJoUGxuSVBBPT08L1NpZ25hdHVyZVZhbHVIPjxLZXIjbmZvPjxYNTA5RGF0YT48WDUwOVN1YmplY3ROYW1IPkNOPUVwaWNTVFMxNTwvWUwOVN1YmplY3ROYW1IPjxYNTA5Q2VydGlmaWNhdGU%2BTUIJQyt6Q0NBZU9nQXJkFnSVF6c0ViREhCMFBwZEtZrDE1V2dIK2FUQU5CZ2txaGtpRzl3MEJBUVFGQURBVU1SSXdFQVIEVIFRREV3bEzJR2xqVtFSVE1UVXdliaGNOTVRVd05EQTRNakF6TURNMldoY05Nemt4TWpNeE1qTTFPFVU1V2pBVU1SSXdFQVIEVIFRREV3bEzJR2xqVtFSVE1UVXdnZ0VpTUEwRONTcUdTSWlzRFFFQkFRVUFBNIECRHdBd2dnRUtBb0ICQVFDdmIKV1JVUGtubVI6MEVwZ1BIM1k4SVRWbkZnSnJDY0xnOENJc21rbGNGRmJ2ckJmYTloOW4xcTRKNvdUMehKWXNJVHdRNGtQNFdXWnd5bkZKNlWtUs1aDN5WXh2Y0VfBxozb1g4RTNEWjEyeHZ6T2ZBSS82UkRXUENNZWdyU0p0RFI2QmRrSIBqMkJDVID5U2FxKzVYcFkyS0lwK3hPS0dKdUxyM1AwODBNyZd0cIbVnXhTV2hqQ0NRTEJTanR5eUp0RExibGRvXkxwUGl4c1JuZnNhaXFLakhRSG1yNVE1aFk5WnU3anpGOGxncWsbjRqOHNVNTIBK3IPdXR3eTZReFh6N0lpUXZYN2pd3VXOHNqeVB3ZDdNb1orSIM0eG5KL0VkrnBzd3Nta043M1drL2pZnZqXs3NiVWN5bkhDTnpCVHhNREpSNTB3TmRxZ0RobTdBZ01CQUFHAlNUQkhNRVHQTFVZFRUStNRHIBRVA5cvhSQWp4dVU5RWhCbGj6ZzNR3loRmpBVU1SSXdFQVIEVIFRREV3bEzJR2xqVtFSVE1UVONFTTdCR3d4d2RENlhTbUE5ZVZvQi9ta3dEUVIKS29aSWWh2Y05BUUVFQIFBRGdnRUJBR2NFbMjMOWtOb012STBSaU54MUTWnkWvK3RLKZlqVFIYMzI1azJ3eFQvMzJRUUNBZHhub1IBZ3I5QUo4WExiaExBWGI2ZUVnY0JSSzlkTUJrV3pybHVqVjFCeXZQT2ZrRHRQMkwwR01DbnNZaHg4ZmFQN2ZMd2tDNXdQRDRQWGNk05WVTK3SDU3VG5yV1pSbG10bkd3RXVRSWNNZE9ITTUybFZGNFM2M2RPZEN5a1c0Wm9ZTmxvQzdWMEwYm1ub0V5bk5oTXVpZ0lWclhHREci9YbHovYlhpQUlqM0t1cmdXWCsxYnVpTDZoMk92Qi9LZTcya0d05FN4OE0vQVpzZGhTVm50M2FOS0wvdmg5c2FWbno4K21qOFZTNDIBZIXIHdzdKaE1WVlhLYkxDRnFUYVFRXrdVRW53T1Q4OVMrMk3OEVHUHhSbkZSS0hTd1FndXdZPTwvWUwOUNlcnRpZmljYXRIPjwvWUwOURhdGE%2BPC9LZXIjbmZvPjwvU2lnbmF0dXJlPjxzYW1scDpTdGF0dXM%2BPHNhbWxwOIN0YXR1c0NvZGUgVmFsdWU9InVybjpvYXNpczpuYW1lc3p0YzpzTQU1MOjluMDpzdGF0dXM6U3VjY2VzcyIgLz48L3NhbwOIN0YXR1cz48c2FtbDpBc3NlcnRpb24gVmVyc2lvbj0iMi4wliBJRD0iX2YzN2ZhMWRILTJjYjktNDZjMy04OTUzLThmZjl3MDdmY2Y0MCIgSXNzdWVJbnN0YW50PSlyMDE2LTAzLTI4VDIxOjExOjU4LjQ1MjM5NTFaj48c2FtbDpBc3NlcnRpb24gVmVyc2lvbj0iMjAwMS8xMC94bWwtZXhlLWMxNG4jIiAvPjwvVHJhbnNmb3JtPjwvVHJhbnNmb3Jtcz48RGlnZXN0TWV0aG9kIEFsZ29yaXR0b0iaHR0cDovL3d3dy53My5vcMcvMjAwMS8xMC94bWxkc2lnI3NoYTEiIC8%2BPFNpZ25hdHVyZU1ldGhvZCBBbGdvcmI0aG09Imh0dHA6Ly93d3cudz3JnLzlwMDAvMDkveG1sZHNpZyNyc2Etc2hhMSIglz48UmVmZXIjbmNlIFVSS0i19mMzdmYTFkZS0yY2I5LTQ2YzYtMTODk1My04ZmYyNzA3ZmNmNDAlPjxUcmFuc2ZvcM1zPjxUcmFuc2ZvcM0gQWxnb3JpdGhtPSJodHRwOi8vd3d3LnczLm9yZy8yMDAwLzA5L3htbGRzaWcjZW52ZWxvcGVkLXNpZ25hdHVyZSIglz48VHJhbnNmb3JtIEFsZ29yaXR0b0iaHR0cDovL3d3dy53My5vcMcvMjAwMS8xMC94bWwtZXhlLWMxNG4jIj48S5j5bHVzaXZlTmFtZXNwYWNlcyBQcmVma

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4. Healthix verifies that secure token, user credentials.
5. Once authenticated and authorized, Healthix query HealthShare for Patient Information and check patient’s consent.
6. Healthix generates response which includes patient consent registered at Healthix.

Healthix Response: TBD