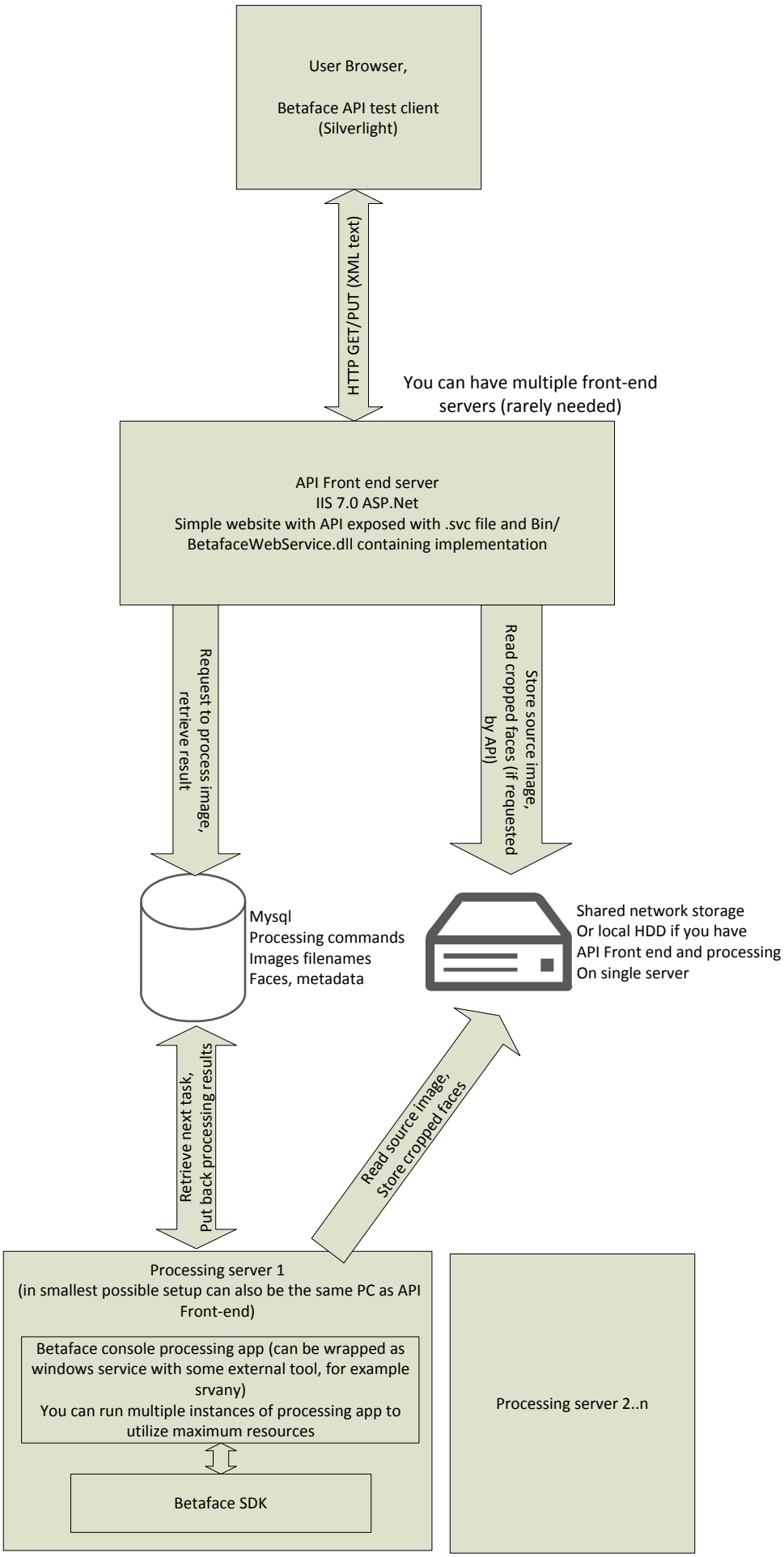
User Browser,
Betaface API test client
(Silverlight)
HTTP GET/PUT (XML text)
You can have multiple front-end servers (rarely needed)
API Front end server
IIS 7.0 ASP.Net
Simple website with API exposed with .svc file and Bin/ BetafaceWebService.dll containing implementation
Request to process image, retrieve result
Store source image, Read cropped faces (if requested by API)
Mysql
Processing commands
Images filenames
Faces, metadata
Shared network storage
Or local HDD if you have
API Front end and processing
On single server
Retrieve next task, Put back processing results
Read source image, Store cropped faces
Processing server 1
(in smallest possible setup can also be the same PC as API Front-end)
Betaface console processing app (can be wrapped as windows service with some external tool, for example srvany)
You can run multiple instances of processing app to utilize maximum resources
Betaface SDK
Processing server 2..n