Research

Ok, so the first step is to search if other people have already developed a solution. Then, it would be a simple matter of amending and tweaking (or straight up implementing) their solution.

# Siemens Forums

First place to look. If there’s nothing here, google might be our savior, but probably not.

* [Communicate With A Mir Robot Using REST API](https://support.industry.siemens.com/tf/gb/en/posts/communicate-with-a-mir-robot-using-rest-api/223611/?page=0&pageSize=10)

Unfortunately, no responses so this one’s a bust.

* [Web Service Rest Technology Swagger Yaml](https://support.industry.siemens.com/tf/gb/en/posts/web-service-rest-technology-swagger-yaml/181830/?page=0&pageSize=10)

A couple of responses but nothing useful.

* [S7 1200 As Rest Client](https://support.industry.siemens.com/tf/gb/en/posts/s7-1200-as-rest-client/219787/?page=0&pageSize=10)
* [S7 1200 As REST Client](https://support.industry.siemens.com/tf/gb/en/posts/s7-1200-as-rest-client/219950/?page=0&pageSize=10)

This one actually has some utility. There’s a library developed by the OP so it’ll be worth loading it up, giving it a shot and maybe configuring it until the end. Below is the actual library developed by the user Luke Ziegler:

* [Library For HTTP Communication](https://support.industry.siemens.com/cs/document/109763879/library-for-http-communication-(lhttp)?dti=0&lc=en-CH)

A couple more outliers (not as directly relevant but could still be useful):

* [Comos Mobile Solutions Comos Web REST API](https://support.industry.siemens.com/cs/document/109765095/comos-mobile-solutions-comos-web-rest-api?dti=0&lc=en-GB)
* [Siemens S7 Web API Guide](https://support.industry.siemens.com/cs/mdm/59193560?c=129802886283&lc=en-WW)