Nefit Easy communication VIs for myRIO.

In order to be able to communicate with Nefit Easy, IP address and PORT of the server have to be filled in.

Functionality VIs

The MainStatus sub vi
(INPUT→ IP: SERVER (string)
→ PORT: SERVER (string)
OUTPUT → ALL data server (string))
–Allows to extract all data accessible by Nefit Status endpoint, or combined with other sub vis, to extract specific data user is interested in. The data that can be extracted specifically are the following:
- Temperature (Temperature.vi)
- Temperature Nefit is to be set to (Manual_Set_Temp.vi)
- Date (Date.vi)
- Time (Time.vi)
- Location (Location.vi)

The Change_Temp.vi
(INPUT→ IP: SERVER (string)
→ PORT: SERVER (string)
→ Temp (string))
Adjust the temperature Nefit is to be set to. The output of the vi can be seen directly on Nefits response, the requested temperature value is changed, or programmatically by a combination of MainStatus.vi with Temperature.vi

The Status_Demo.vi demonstrates all data that can be read from Nefit, by combining all sub VIs together.