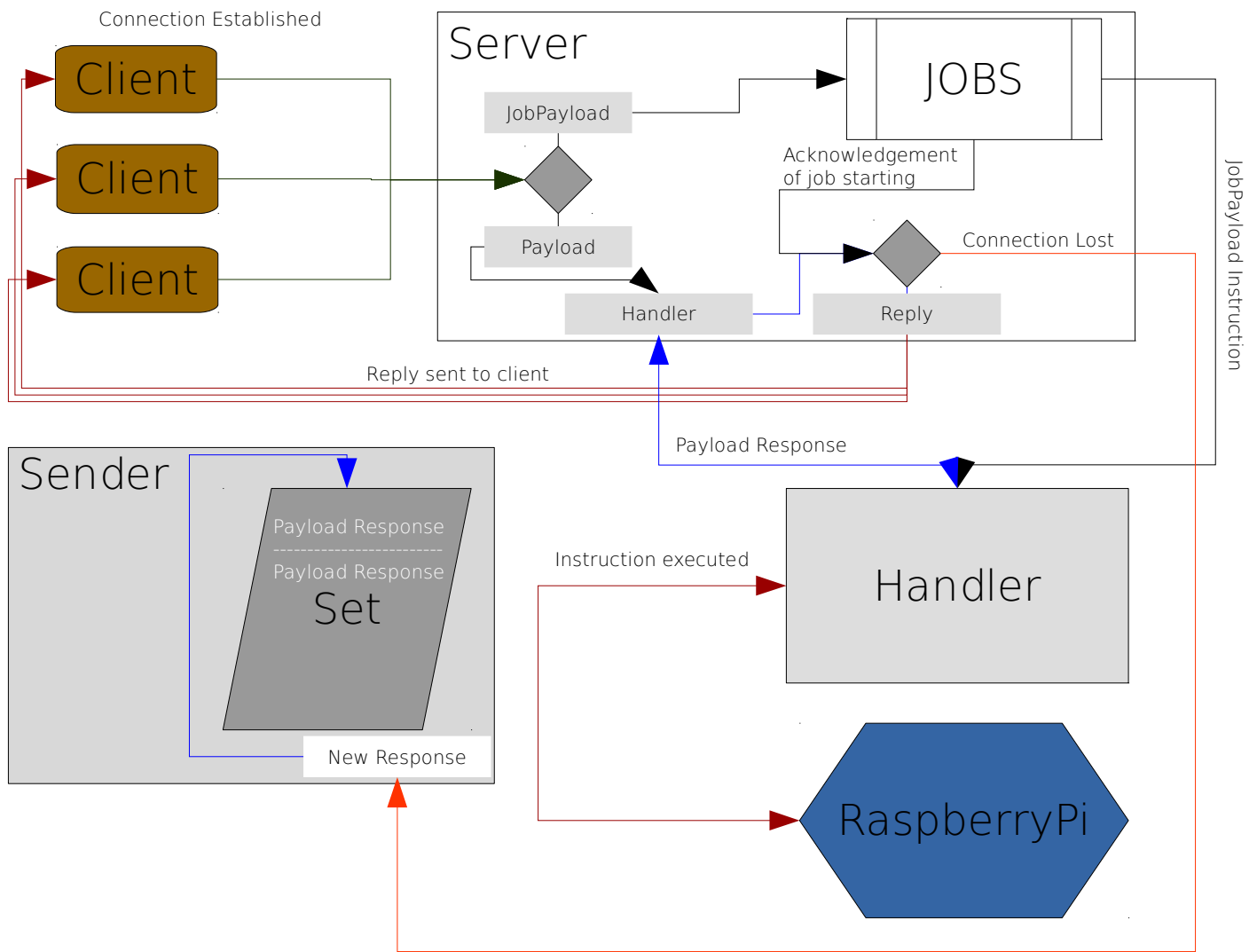


PiCom Backend Flowchart V1.3



Sender

The sender is a client that connects to the server implemented in the android application, or a web-socket for responses from jobs or missed replies.

Handler

Handles instructions from both the payload and jobs.

RaspberryPi

The system the instructions are executed on.

Client

A device that is able to interface with the nodes.

Required changes to this version:

- 1) Job executions must return the response payload to the client.
- 2) GPIO listener must be implemented to respond to events.
- 3) Web-socket implementation needed.
- 4) Job database + synchronization with website and application.
- 5) Security enhancements.