PRZYKŁADOWE PROTOKOŁY KOMUNIKACYJNE

1. Departures – provides times which sholud be displayed on table  
   File structure:  
                            stopName – name of the requested bus stop  
                            stopPostNumber – post numer of the requested bus stop  
                            announcementHash – if there is announcement for requested bus stop, it should change. For example if there’s no announcements it’s empty or null, else it increments when something changes  
                            departures – array with departures to display. If the bus is estimated with real time info we take minutes, else we take time as scheduled time. Only one of them is given at the time. The length of times array sholud be dependent on request param.
2. Announcements – feeds the table with announcements given by operator  
   File structure:  
                            text – text of the announcement  
                            data – image given in Base64 format  
                            startTime – when it should be displayed  
                            validity – how long should it be displayed  
   **Warning! Text and data never comes together in one announcement.**
3. Status – posted only when one of the statuses is changed.

Departures file is requested every 15 sec.

Announcements file is requested when something is changed by operator.

Status file is posted when status of the device is changed.

{

"stopName": "Rokitnica Pętla",

"stopPostNumber": 2,

"announcementHash": 2136747730,

"departures": [

{

"destinationName": "Bytom Dworzec",

"lineName": "A 92",

"times": [

{

"minutes": 29,

"time": null

},

{

"minutes": null,

"time": "2020-02-24T11:25:28.501Z"

}

]

},

{

"destinationName": "Bytom Dworzec",

"lineName": "A 169",

"times": [

{

"minutes": null,

"time": "2020-02-24T11:15:00.000Z"

},

{

"minutes": 34,

"time": null

}

]

}

]

}

{

"announcements": [

{

"text": "Od 1 marca obowiązuje nowy cennik ZTM. Szczegóły na stronie internetowej: www.metropoliaztm.pl",

"data": null,

"startTime": "2020-02-25T00:00:00.000Z",

"validity": "17.23:58:00"

},

{

"text": null,

"data": "",

"startTime": "2020-02-26T12:00:00.000Z",

"validity": "4.23:58:00"

}

]

}

{

"HDMI\_failure": false,

"Vent1\_failure": false,

"Vent2\_failure": false,

"PowerSupply1\_failure": false,

"PowerSupply2\_failure": false,

"Matrix\_failure": false,

"GlassBreak": false,

"Door1\_opened": false,

"Door2\_opened": false,

"ShockSensor\_active": false

}