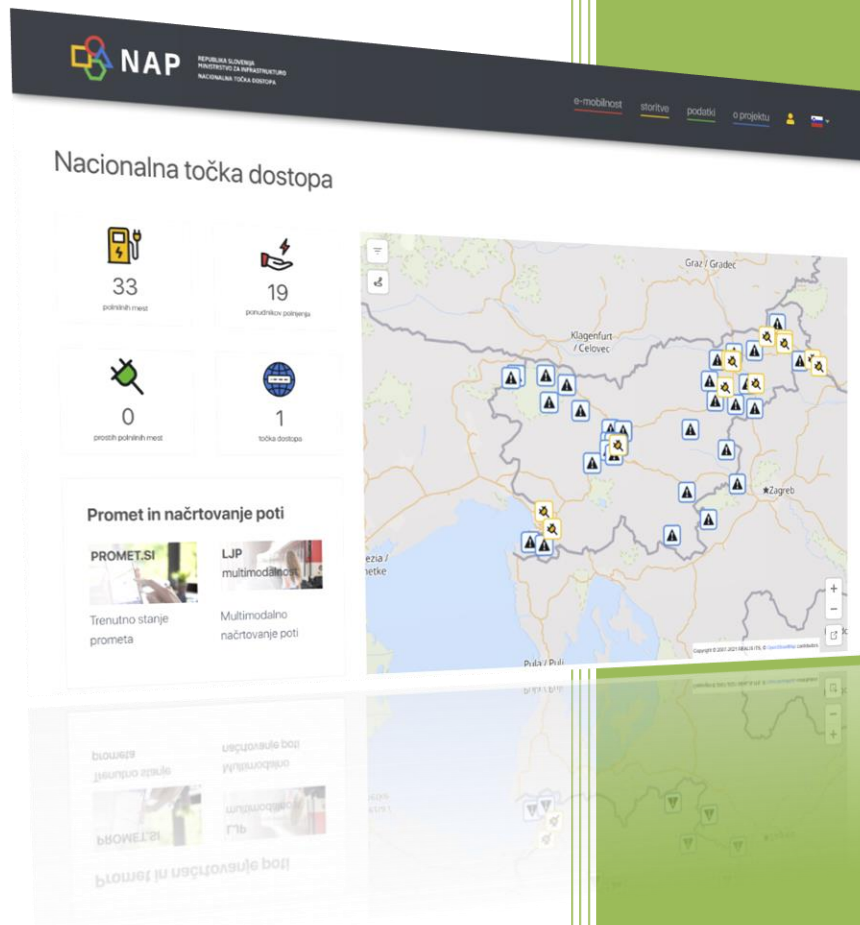




# Nacionalna točka dostopa

verzija: 25.08.2023

## B2B SIRI API



## Uvod

Dokument opisuje API za dostop do dinamičnih podatkov o javnem potniškem prometu v formatu SIRI (SIST-TS CEN/TS EN 15531).

API podpira HTTP avtentikacijo po shemah basic ali bearer. Navodila glede pridobivanja žetona so objavljena na [NAP](#).

API je dostopen na naslovu `https://b2b.nap.si/data/b2b.siri.api`.

Podatki vsebujejo tudi reference na podatke o vozniških redih in omrežju v NeTEx formatu, ki je prav tako objavljeno na NAP. V kolikor podatki o liniji na kateri vozilo vozi niso na voljo, referenc tudi v API odgovoru ni.

## Pridobivanje lokacij vseh vozil

POST /data/b2b.siri.api/ServiceRequest HTTP/1.1

Host: b2b.ncup.si

Authorization: bearer ey...Nw

Content-Type: application/xml

Content-Length: 423

```
<?xml version="1.0" encoding="utf-8"?>
<ServiceRequest xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns="http://www.siri.org.uk/siri">
  <RequestTimestamp>2023-01-01T00:00:00.0000000+02:00</RequestTimestamp>
  <VehicleMonitoringRequest>
    <RequestTimestamp>2023-01-01T00:00:00.0000000+02:00</RequestTimestamp>
  </VehicleMonitoringRequest>
</ServiceRequest>
```

Primer odgovora (skrajšano):

```
<ServiceDelivery xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns="http://www.siri.org.uk/siri">
  <ResponseTimestamp>2023-01-01T00:00:00.0000000+02:00</ResponseTimestamp>
  <VehicleMonitoringDelivery>
    <ResponseTimestamp>2023-01-01T00:00:00.0000000+02:00</ResponseTimestamp>
    <VehicleActivity>
      <RecordedAtTime>2023-01-01T00:00:0</RecordedAtTime>
      <ValidUntilTime>2023-01-01T00:10:0</ValidUntilTime>
      <MonitoredVehicleJourney>
        <LineRef>SI:SI0:Line:00000000-1177-0007-0000-00000000c1f7:IJPP</LineRef>
        <JourneyPatternRef>SI:SI0:ServiceJourneyPattern:00000000-1177-0008-0000-0000000049908:IJPP</JourneyPatternRef>
        <JourneyPatternName>G.Radgona(47) 1 552</JourneyPattern
```

```

Name>
    <VehicleMode>bus</VehicleMode>
    <RouteRef>SI:SI0:Route:00000000-1177-0008-0000-00000004
9908:IJPP</RouteRef>
    <PublishedLineName>Maribor AP - G.Radgona (1062)</Publi
shedLineName>
    <OperatorRef>SI:SI0:Operator:00000000-1177-0001-0000-00
000000463:IJPP</OperatorRef>
    <VehicleJourneyName>G.Radgona(47) 1 552</VehicleJourney
Name>
    <Monitored>>true</Monitored>
    <VehicleLocation>
        <Longitude>15.762643</Longitude>
        <Latitude>46.682308</Latitude>
    </VehicleLocation>
    <Bearing>154</Bearing>
    <VehicleJourneyRef>SI:SI0:ServiceJourney:00000000-1177-
0008-0000-000000049908:IJPP</VehicleJourneyRef>
    <VehicleRef>950133</VehicleRef>
    <JourneyParts>
        <JourneyPartInfo>
            <JourneyPartRef>SI:SI0:ServiceLink:00000000-117
7-0003-0011-cb3b001133c5:IJPP</JourneyPartRef>
        </JourneyPartInfo>
        <JourneyPartInfo>
            <JourneyPartRef>SI:SI0:ServiceLink:00000000-117
7-0003-0011-cb050011cb3b:IJPP</JourneyPartRef>
        </JourneyPartInfo>
    </JourneyParts>
    </MonitoredVehicleJourney>
</VehicleActivity>
</VehicleMonitoringDelivery>
</ServiceDelivery>

```

## Pridobivanje lokacij vozil na neki liniji

Vsebina HTTP zahtevka:

```

<?xml version="1.0" encoding="utf-8"?>
<ServiceRequest xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" x
mlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns="http://www.siri.org.
uk/siri">
    <RequestTimestamp>2023-01-01T00:00:00.0000000+02:00</RequestTimestamp
>
    <VehicleMonitoringRequest>
        <RequestTimestamp>2023-01-01T00:00:00.0000000+02:00</RequestTimesta
mp>
        <LineRef>SI:SI0:Line:00000000-1177-0007-0000-00000000b32c:IJPP</Lin
eRef>
    </VehicleMonitoringRequest>
</ServiceRequest>

```

