



# N5g-eir EquipmentIdentityCheck

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## OpenAPI

OpenAPI Version: 3.0.0

## Info

**Version:** '1.0.0'  
**Title:** '5G-EIR Equipment Identity Check'  
**Description:** '5G-EIR Equipment Identity Check Service'

## Servers

**URL:** '{apiRoot}/n5g-eir-eic/v1'  
**Variables:**  
**API Root:**  
**Default:** https://example.com  
**Description:** apiRoot as defined in subclause subclause 4.4 of 3GPP TS 29.501

## Security

- {}

```
- oAuth2ClientCredentials:  
  - n5g-eir-eic
```

# Paths

## /equipment-status

### get:

**Summary:** Retrieves the status of the UE

**Operation ID:** GetEquipmentStatus

### Tags:

- Equipment Status (Document)

### Parameters:

- **Name:** pei

**In:** query

**Description:** PEI of the UE

**Required/Optional:** true

**Schema:**

**Reference:** '#/components/schemas/Pei'

- **Name:** supi

**In:** query

**Description:** SUPI of the UE

**Required/Optional:** false

**Schema:**

**Reference:** '#/components/schemas/Supi'

### Responses:

'200':

**Description:** Expected response to a valid request

**Content:**

**Application/JSON:**

**Schema:**

**Reference:** '#/components/schemas/EirResponseData'

'400':

**Reference:** 'TS29571\_CommonData.yaml#/components/responses/400'

'401':

**Reference:** 'TS29571\_CommonData.yaml#/components/responses/401'

'404':

**Description:** PEI Not Found

**Content:**

**application/problem+json:**

**Schema:**

**Reference:** '#/components/schemas/ProblemDetails'

'414':

**Reference:** 'TS29571\_CommonData.yaml#/components/responses/414'

'429':

**Reference:** 'TS29571\_CommonData.yaml#/components/responses/429'

```

'500':
  Reference: 'TS29571_CommonData.yaml#/components/responses/500'
'503':
  Reference: 'TS29571_CommonData.yaml#/components/responses/503'
Default:
  Description: Unexpected error
  Content:
    application/problem+json:
      Schema:
        Reference: '#/components/schemas/ProblemDetails'

```

## Components

```

securitySchemes:
  oAuth2ClientCredentials:
    Type: oauth2
    Flows:
      clientCredentials:
        tokenUrl: '{nrfApiRoot}/oauth2/token'
        scopes:
          n5g-eir-eic: Access to the N5g-eir_EquipmentIdentityCheck API

schemas:
  EirResponseData:
    Type: object
    Required:
      - status
    Properties:
      status:
        Reference: '#/components/schemas/EquipmentStatus'
  Pei:
    Type: string
    Pattern: "[0-9]{14}"
  Supi:
    Type: string
    Pattern: "(imsi-[0-9]{5,15}|nai-.*)"
  EquipmentStatus:
    Type: string
    enum:
      - WHITELISTED
      - BLACKLISTED
      - GREYLISTED
  ProblemDetails:
    Description: 'https://www.rfc-editor.org/rfc/rfc7807.txt'
    Type: object
    Required:
      - type
    Properties:
      Type:
        Type: string

```

```
title:  
  Type: string  
status:  
  Type: integer  
detail:  
  Type: string  
instance:  
  Type: string
```

## External Docs

**Description:** 3GPP TS 29.511 V15.2.0; 5G System; Equipment Identity Register Services; Stage 3

**URL:** 'http://www.3gpp.org/ftp/Specs/archive/29\_series/29.511/'