



PETUNJUK TEKNIS

INTEGRASI DATA
RS ONLINE VERSI 3

Last updated: 02 April 2024

I. MODEL PELAPORAN

Secara garis besar, terdapat dua prosedur/alur proses dalam mengirimkan data pasien COVID-19, kebutuhan ruangan dan logistik dari Rumah Sakit ke Kemenkes, yaitu :

1. Manual: data dikirimkan ke Kemkes dengan cara manual yaitu RS melakukan pengisian data ke dalam aplikasi Sistem Informasi Khusus COVID-19
2. Terintegrasi dengan SIMRS: data COVID-19 dikirimkan ke Kemkes dengan cara integrasi langsung antara SIMRS dengan RS Online Dimana integrasi data sesuai dengan alur dan format data yang telah ditentukan melalui web service

II. KETENTUAN INTEGRASI

1. Pengiriman data pasien adalah pasien yang dinyatakan terdiagnosa sebagai pasien COVID-19.
2. Format pengiriman data dari SIMRS sesuai dengan daftar variabel COVID -19 yang sudah ditentukan, baik itu data Pasien COVID -19, Diagnosa Pasien, Data ruangan, SDM dan Kebutuhan Logistik.
3. Data dikirimkan secara *real time* dengan metode POST.
4. Data dikirimkan dengan format JSON
5. Menambahkan informasi Variabel yang dibutuhkan ataupun untuk proses validasi yang dikirim pada HTTP *Header* antara lain: *Request Header*
6. Pengiriman data pasien adalah pasien yang dinyatakan terdiagnosa sebagai pasien COVID -19.
7. Header yang harus disertakan untuk mengakses *webservice*

Headers  9 hidden

	KEY	VALUE	...	Bulk Edit	Presets 
<input checked="" type="checkbox"/>	X-rs-id	[Kode RS di RS Online]			
<input checked="" type="checkbox"/>	X-Timestamp	[Timestamp dalam format UTC timestamp]			
<input checked="" type="checkbox"/>	X-pass	[Password RS Online]			

III. PELAPORAN COVID-19

A. *Entry Data Pasien*

<https://202.70.136.24:3020/apidocrsonliners/>

B. *Entry Data Ruangan dan Tempat Tidur*

Master referensi data Tempat Tidur

URL : https://sirs.kemkes.go.id/fo/index.php/Referensi/tempat_tidur

GET data tempat tidur yang sudah pernah diinputkan

URL :

<https://sirs.kemkes.go.id/fo/index.php/Fasyankes>

Kirim data tempat tidur

URL :

<https://sirs.kemkes.go.id/fo/index.php/Fasyankes>

Method : POST

Raw Data :

```
{
  "id_tt" : "3",
  "ruang" : "Irina A atas (Bedah),
  "jumlah_ruang" : "3",
  "jumlah" : "7",
  "terpakai" : "3",
  "terpakai_suspek" : "0",
  "terpakai_konfirmasi" : "0",
  "antrian" : "2",
  "prepare" : "0",
  "prepare_plan" : "0",
  "covid" : 0,
  "terpakai_dbd": "3",
  "terpakai_dbd_anak": "3",
  "jumlah_dbd": "9"
}
```

Memperbaharui data tempat tidur

Untuk proses ini user sebaiknya melakukan GET data terlebih dahulu agar bisa mendapatkan `id_t_tt` yang digunakan untuk proses update/pembaharuan data

URL : <https://sirs.kemkes.go.id/fo/index.php/Fasyankes>

Method : PUT

Raw Data :

```
{  
  "id_t_tt" : "71590",  
  "ruang" : "Irina A atas (Bedah),  
  "jumlah_ruang" : "3",  
  "jumlah" : "7",  
  "terpakai" : "3",  
  "terpakai_suspek" : "0",  
  "terpakai_konfirmasi" : "0",  
  "antrian" : "2",  
  "prepare" : "0",  
  "prepare_plan" : "0",  
  "covid" : 0,  
  "terpakai_dbd": "3",  
  "terpakai_dbd_anak": "3",  
  "jumlah_dbd": "9"  
}
```

Untuk tempat tidur non covid terpakai_suspek dan terpakai_konfirmasi diisi dengan nilai nol,

Untuk tempat tidur covid wajib mengisi data terpakai_suspek dan terpakai_konfirmasi karena pada kolom terpakai adalah akumulasi keduanya.

Menghapus data tempat tidur URL :

<https://sirs.kemkes.go.id/fo/index.php/Fasyankes>

Method : DELETE

Body :

```
{  
  "id_t_tt": "2"  
}
```

C. Entry Data SDM

Masterreferensi SDM

URL : https://sirs.kemkes.go.id/fo/index.php/Referensi/kebutuhan_sdm

Method : GET

Hasil :

```
{  
  "kebutuhan_sdm": [  
    {  
      "id_kebutuhan": "26",  
      "kebutuhan": "Dokter"  
    },  
    {  
      "id_kebutuhan": "27",  
      "kebutuhan": "Dokter Spesialis Paru"  
    },  
    {  
      "id_kebutuhan": "28",  
      "kebutuhan": "Dokter Spesialis Penyakit Dala"  
    },  
    ... dst
```

Memeriksa data ketersediaan dan kebutuhan SDM yang sudah pernah dikirimkan di RS Online

URL :

<https://sirs.kemkes.go.id/fo/index.php/Fasyankes/sdm>

Method : GET

Hasil :

```
{
  "{ "sdm": [
    {
      "id_kebutuhan": "26",
      "kebutuhan": "Dokter",
      "jumlah_eksisting": null,
      "jumlah": null,
      "jumlah_diterima": null,
      "tglupdate": null
    }
    {
      "id_kebutuhan": "27",
      "kebutuhan": "Dokter Spesialis Paru",
      "jumlah_eksisting": null,
      "jumlah": null,
      "jumlah_diterima": null,
      "tglupdate": null
    }
  }
}
```

Dst

Mengirim data ketersediaan dan kebutuhan SDM

URL :

<https://sirs.kemkes.go.id/fo/index.php/Fasyankes/sdm>

Method : POS

Raw data :

```
{  
  "id_kebutuhan": "26",  
  "jumlah_eksisting": "154",  
  "jumlah": "3",  
  "jumlah_diterima": "1"  
}
```

Memperbaharui data ketersediaan dan kebutuhan SDM

URL :

<https://sirs.kemkes.go.id/fo/index.php/Fasyankes/sdm>

Method : PUT

Raw data

```
{  
  "id_kebutuhan": "26",  
  "jumlah_eksisting": "154",  
  "jumlah": "3",  
  "jumlah_diterima": "2"  
}
```

Menghapus data ketersediaan dan kebutuhan SDM

URL :

<https://sirs.kemkes.go.id/fo/index.php/Fasyankes/sdm>

Method : DELETE

Header :

Id_kebutuhan : 26

D. Entry Data Alkes dan APD

Master referensi APD

URL : : https://sirs.kemkes.go.id/fo/index.php/Referensi/kebutuhan_apd

Method : GET

Hasil :

```
{
  "kebutuhan_apd": [
    {
      "id_kebutuhan": "1",
      "kebutuhan": "Protection Gown"
    },
    {
      "id_kebutuhan": "2",
      "kebutuhan": "Google Glass"
    },
    {
      "id_kebutuhan": "3",
      "kebutuhan": "Sarung Tangan Panjang"
    },
    ... dst
  ]
}
```

Memeriksa data ketersediaan dan kebutuhan APD yang sudah pernah dikirimkan di RS Online

URL :

<https://sirs.kemkes.go.id/fo/index.php/Fasyankes/apd>

Method : GET Hasil :

```
{
  "apd": [
    {
      "id_kebutuhan": "1",
      "kebutuhan": "Protection Gown",
      "jumlah_eksisting": null, "jumlah": null,
      "jumlah_diterima": null,
      "tglupdate": null
    },
    ... dst
  ]
}
```


Mengirim data ketersediaan dan kebutuhan APD

URL :

<https://sirs.kemkes.go.id/fo/index.php/Fasyankes/apd>

Method : POST

Raw data :

```
{  
  "id_kebutuhan": "16",  
  "jumlah_eksisting": "150",  
  "jumlah": "30",  
  "jumlah_diterima": "1"  
}
```

Memperbaharui data ketersediaan dan kebutuhan APD URL :

<https://sirs.kemkes.go.id/fo/index.php/Fasyankes/apd>

Method : PUT

Raw data :

```
{  
  "id_kebutuhan": "16",  
  "jumlah_eksisting": "150",  
  "jumlah": "30",  
  "jumlah_diterima": "10"  
}
```

Menghapus data ketersediaan dan kebutuhan APD

URL :

<https://sirs.kemkes.go.id/fo/index.php/Fasyankes/apd>

Method : DELETE

Header :

Id_kebutuhan : 16

E. Data Pemeriksaan PCR Nakes

1. Mendapatkan data Pemeriksaan PCR Nakes yang pernah diinputkan oleh RS

Method : GET

Url : https://sirs.kemkes.go.id/fo/index.php/Pasien/pcr_nakes

Header:

x-rs-id: [Koders]

x-timestamp: [UTC Timestamp]

x-pass: [password]

x-tanggal: [yyyy-mm-dd]

Content-Type:application/json

Jika x-tanggal tidak diisi/sertakan, maka akan mengambil data pemeriksaan pcr nakes 10 hari terakhir.

2. Melaporkan data Pemeriksaan PCR Nakes

Method : POST

Url : https://sirs.kemkes.go.id/fo/index.php/Pasien/pcr_nakes

Header:

x-rs-id: [Koders]

x-timestamp: [UTC Timestamp]

x-pass: [password]

Content-Type:application/json

Body:

```
{  
  "tanggal": "2021-07-21",  
  "jumlah_tenaga_dokter_umum": "51",  
  "sudah_periksa_dokter_umum": "1",  
  "hasil_pcr_dokter_umum": "0",  
  "jumlah_tenaga_dokter_spesialis": "338",  
  "sudah_periksa_dokter_spesialis": "0",
```

"hasil_pcr_dokter_spesialis": "0",
"jumlah_tenaga_dokter_gigi": "0",
"sudah_periksa_dokter_gigi": "0",
"hasil_pcr_dokter_gigi": "0",
"jumlah_tenaga_residen": "1042",
"sudah_periksa_residen": "3",
"hasil_pcr_residen": "3",
"jumlah_tenaga_perawat": "1309",
"sudah_periksa_perawat": "4",
"hasil_pcr_perawat": "8",

"jumlah_tenaga_bidan": "50",
"sudah_periksa_bidan": "0",
"hasil_pcr_bidan": "0",
"jumlah_tenaga_apoteker": "0",
"sudah_periksa_apoteker": "0",
"hasil_pcr_apoteker": "1",
"jumlah_tenaga_radiografer": "0",
"sudah_periksa_radiografer": "0",
"hasil_pcr_radiografer": "0",
"jumlah_tenaga_analis_lab": "0",
"sudah_periksa_analis_lab": "0",
"hasil_pcr_analis_lab": "0",
"jumlah_tenaga_co_ass": "0",
"sudah_periksa_co_ass": "0",
"hasil_pcr_co_ass": "0",
"jumlah_tenaga_internship": "0",
"sudah_periksa_internship": "0",
"hasil_pcr_internship": "0",

```
"jumlah_tenaga_nakes_lainnya": "579",  
"sudah_periksa_nakes_lainnya": "1",  
"hasil_pcr_nakes_lainnya": "3",  
"rekap_jumlah_tenaga": "3369",  
"rekap_jumlah_sudah_diperiksa": "9",  
"rekap_jumlah_hasil_pcr": "15",  
"tgllapor": "2021-07-22 11:47:16"  
}
```

Jika data di tanggal belum ada, maka akan insert data baru untuk tanggal tersebut.

Jika data di tanggal sudah ada, maka akan update data untuk tanggal tersebut.

F. Data Rekap Harian Nakes Terinfeksi

1. Mendapatkan data harian nakes terinfeksi yang pernah dilaporkan RS

Method : GET

Url : https://sirs.kemkes.go.id/fo/index.php/Pasien/harian_nakes_terinfeksi

Header:

x-rs-id: [Koders]

x-timestamp: [UTC Timestamp]

x-pass: [password]

x-tanggal: [yyyy-mm-dd]

Content-Type:application/json

Jika x-tanggal tidak diisi/sertakan, maka akan mengambil data rekap harian nakes terinfeksi 10 hari terakhir

2. Melakukan pengiriman data laporan

Method : POST

Url : https://sirs.kemkes.go.id/fo/index.php/Pasien/harian_nakes_terinfeksi

Header:

x-rs-id: [Koders]
x-timestamp: [UTC Timestamp]
x-pass: [password]
x-tanggal: [yyyy-mm-dd]
Content-Type:application/json

BODY:

```
{  
  "tanggal": "2021-07-21",  
  "co_ass": "0",  
  "residen": "3",  
  "internship": "0",  
  "dokter_spesialis": "0",  
  "dokter_umum": "0",  
  "dokter_gigi": "0",  
  "perawat": "8",  
  "bidan": "0",  
  "apoteker": "1",  
  "radiografer": "0",  
  "analisis_lab": "0",  
  "nakes_lainnya": "3",  
  "co_ass_meninggal": "0",  
  "residen_meninggal": "0",  
  "internship_meninggal": "0",  
  "dokter_spesialis_meninggal": "0",  
  "dokter_umum_meninggal": "0",  
  "dokter_gigi_meninggal": "0",  
  "perawat_meninggal": "0",  
  "bidan_meninggal": "0",
```

"apoteker_meninggal": "0",
"radiografer_meninggal": "0",
"analisis_lab_meninggal": "0",
"nakes_lainnya_meninggal": "0",
"co_ass_dirawat": "0",
"co_ass_isoman": "0",
"co_ass_sembuh": "0",
"residen_dirawat": "1",
"residen_isoman": "64",
"residen_sembuh": "10",
"internship_dirawat": "0",
"internship_isoman": "0",
"dokter_spesialis": "0",
"dokter_umum": "0",
"dokter_gigi": "0",
"perawat": "8",
"bidan": "0",
"apoteker": "1",
"radiografer": "0",
"analisis_lab": "0",
"nakes_lainnya": "3",
"co_ass_meninggal": "0",
"residen_meninggal": "0",
"internship_meninggal": "0",
"dokter_spesialis_meninggal": "0",
"dokter_umum_meninggal": "0",
"dokter_gigi_meninggal": "0",
"perawat_meninggal": "0",

"bidan_meninggal": "0",
"apoteker_meninggal": "0",
"radiografer_meninggal": "0",
"analisis_lab_meninggal": "0",
"nakes_lainnya_meninggal": "0",
"co_ass_dirawat": "0",
"co_ass_isoman": "0",
"co_ass_sembuh": "0",
"residen_dirawat": "1",
"residen_isoman": "64",
"residen_sembuh": "10",
"internship_dirawat": "0",
"internship_isoman": "0",

"dokter_spesialis": "0",
"dokter_umum": "0",
"dokter_gigi": "0",
"perawat": "8",
"bidan": "0",
"apoteker": "1",
"radiografer": "0",
"analisis_lab": "0",
"nakes_lainnya": "3",
"co_ass_meninggal": "0",
"residen_meninggal": "0",
"internship_meninggal": "0",
"dokter_spesialis_meninggal": "0",
"dokter_umum_meninggal": "0",
"dokter_gigi_meninggal": "0",

"perawat_meninggal": "0",
"bidan_meninggal": "0",
"apoteker_meninggal": "0",
"radiografer_meninggal": "0",
"analis_lab_meninggal": "0",
"nakes_lainnya_meninggal": "0",
"co_ass_dirawat": "0",
"co_ass_isoman": "0",
"co_ass_sembuh": "0",
"residen_dirawat": "1",
"residen_isoman": "64",
"residen_sembuh": "10",
"internship_dirawat": "0",
"internship_isoman": "0",
"internship_sembuh": "0",
"dokter_spesialis_dirawat": "5",
"dokter_spesialis_isoman": "16",
"dokter_spesialis_sembuh": "3",
"dokter_umum_dirawat": "0",
"dokter_umum_isoman": "4",
"dokter_umum_sembuh": "0",
"dokter_gigi_dirawat": "0",
"dokter_gigi_isoman": "0",
"dokter_gigi_sembuh": "0",
"bidan_dirawat": "0",
"bidan_isoman": "2",
"bidan_sembuh": "0",
"apoteker_dirawat": "0",


```
"apoteker_isoman": "15",  
"apoteker_sembuh": "3",  
"radiografer_dirawat": "0",  
"radiografer_isoman": "3",  
"radiografer_sembuh": "0",  
"analisis_lab_dirawat": "0",  
"analisis_lab_isoman": "7",  
"analisis_lab_sembuh": "1",  
"nakes_lainnya_dirawat": "2",  
"nakes_lainnya_isoman": "23",  
"nakes_lainnya_sembuh": "1",  
"perawat_dirawat": "4",  
"perawat_isoman": "92",  
"perawat_sembuh": "16"  
}
```

Jika data di tanggal belum ada, maka akan insert data baru untuk tanggal tersebut.

Jika data di tanggal sudah ada, maka akan update data untuk tanggal tersebut.

G. Data Oksigenasi

1. Mendapatkan data oksigenasi yang sudah diinputkan oleh RS

Method : GET

Url : <https://sirs.kemkes.go.id/fo/index.php/Logistik/oksigen>

Header:

x-rs-id: [Koders]

x-timestamp: [UTC Timestamp]

x-pass: [password]

x-tanggal: [yyyy-mm-dd]

Content-Type:application/json

Jika x-tanggal tidak diisi/sertakan, maka akan mengambil data oksigenasi 10 hari terakhir

2. Melaporkan data Oksigenasi RS

Method : POST

Url : <https://sirs.kemkes.go.id/fo/index.php/Logistik/oksigen>

Header:

x-rs-id: [Koders]

x-timestamp: [UTC Timestamp]

x-pass: [password]

Content-Type:application/json

Pada pelaporan ini data yang dimasukkan adalah dalam m3 (meter kubik).

Rumus Konversi :

Nama Satuan	Nilai Koversi (M3)
1 M3	1
1 Liter	0.897
1 Kg	0.78
1 Ton	788.86
1 Galon	3.04

BODY

```
:  
{  
  "tanggal" : "2021-07-01",  
  "p_cair" : "120",  
  "p_tabung_kecil" : "890",  
  "p_tabung_sedang" : "80",  
  "p_tabung_besar" : "90",  
  "k_isi_cair" : "445",  
  "k_isi_tabung_kecil" : "1234",  
  "k_isi_tabung_sedang" : "8999.09",  
  "k_isi_tabung_besar" : "6666.03"  
}
```

Jika data di tanggal belum ada, maka akan insert data baru untuk tanggal tersebut.

Jika data di tanggal sudah ada, maka akan update data untuk tanggal tersebut.

IV. PELAPORAN PASIEN SKRINING HYPERTIROID KONGENITAL

Merupakan intropabilitas yang digunakan untuk melakukan pengiriman data secara langsung dari simrs untuk pelaporan data pasien SHK

Data Dasar Pasien SHK

URL :

<https://sirs.kemkes.go.id/fo/index.php/Pasien/shk>

Header:

x-rs-id: [Kode RS]

x-pass: [Password]

x-timestamp: {{timestamp}}

Method : **GET**

BODY :

```
{  
  "tgl_ambil_sampel": "2022-11-29",  
  "id_shk": 68768  
}
```

Method : **POST**

```
{  
  "koders": "3404015",  
  "nik_ibu": "0000000000000000",  
  "nama_ibu": "TEST IBU",  
  "nik_anak": "0000000000000000",  
  "nama_anak": "By Ny TEST ANAK",  
  "tgllahir": "2022-11-25",  
  "gender": "Laki-Laki",  
  "umur": 1,  
  "alamat": "TEST SAJA DEPOK SLEMAN",  
  "provinsi": "34",  
  "kabkota": "3404",  
  "kecamatan": "DEPOK",  
  "tgl_ambil_sampel": "2022-11-22",  
  "tgl_kirim_sampel": "2022-11-22",  
  "tgl_lapor": "2023-01-16",  
  "kode_perujuk": "3404187",  
  "nama_fayankes_perujuk": "RS Khusus Ibu Anak Sadewa",  
  "jenis_fasyankes": "2"  
}
```

Method : **PUT**

```
{
  "id_shk": 282888,
  "koders": "3404015",
  "nik_ibu": "0000000000000000",
  "nama_ibu": "TEST IBU",
  "nik_anak": "0000000000000000",
  "nama_anak": "By Ny TEST ANAK",
  "tgllahir": "2022-11-25",
  "gender": "Laki-Laki",
  "umur": 1,
  "alamat": "TEST SAJA DEPOK SLEMAN",
  "provinsi": "34",
  "kabkota": "3404",
  "kecamatan": "DEPOK",
  "tgl_ambil_sampel": "2022-11-22",
  "tgl_kirim_sampel": "2022-11-22",
  "tgl_lapor": "2023-01-16",
  "kode_perujuk": "3404187",
  "nama_fayankes_perujuk": "RS Khusus Ibu Anak Sadewa",
  "jenis_fasyankes": "2"
}
```

Method : **DELETE**

```
{
  "id_shk": 282888,
  "koders": "3404015"
}
```

Hasil Laboratorium Pasien SHK

URL :

<https://sirs.kemkes.go.id/fo/index.php/Pasien/hasilShk>

Header:

x-rs-id: [Kode RS]

x-pass: [Password]

x-timestamp: {{timestamp}}

Method : **GET**

BODY

```
{  
  "id_shk": 21301  
}
```

Method : **POST**

BODY

```
{  
  "id_shk": "21301",  
  "jenis_pemeriksaan": "1",  
  "hasil_pemeriksaan": "1",  
  "tgl_periksa": "2022-12-16",  
  "tgl_hasil": "2023-01-02",  
  "layak_sampel": "2",  
  "id_layak": "2",  
  "tgl_terima": "2022-12-14",  
  "tgllapor": "2023-05-10 14:23:08"  
}
```

Method : **PUT**

BODY

```
{  
  "id_hasil": "13408",  
  "id_shk": "21301",  
  "jenis_pemeriksaan": "1",  
  "nama_pemeriksaan": "Pemeriksaan TSH",  
  "hasil_pemeriksaan": "1",  
  "nama_hasil": "TSH Normal (< 20 µU/mL)",  
  "tgl_periksa": "2022-12-16",  
  "tgl_hasil": "2023-01-02",  
  "layak_sampel": "2",  
  "id_layak": "2",  
  "tgl_terima": "2022-12-14",  
  "tgllapor": "2023-05-10 14:23:08"  
}
```

Method : **DELETE**

BODY

```
{  
  "id_hasil": "13408",  
  "id_shk": "21301"  
}
```

V. PELAPORAN WAKTU PELAYANAN RS

Pengiriman data hanya dapat dilakukan dengan cara integrasi langsung antara

SIMRS dengan RS Online, dimana integrasi data sesuai dengan alur dan format data yang telah ditentukan.

I. KETENTUAN INTEGRASI

1. Teknis Integrasi pelaporan sama dengan RS Online - <https://sirs.kemkes.go.id/fo>
2. Data yang dikirimkan adalah semua pasien dengan kriteria KPI yang dimaksud.
3. Format pengiriman data dari SIMRS sesuai dengan variabel integrasi data sudah ditentukan.
4. Data dikirimkan secara realtime dengan metode POST.
5. Data dikirimkan dengan format JSON
6. Menambahkan informasi Variabel yang dibutuhkan ataupun untuk proses validasi yang dikirim pada HTTP Header.
7. Header yang harus disertakan untuk mengakses web service

Headers 👁 9 hidden

	KEY	VALUE	⋮	Bulk Edit	Presets ▾
<input checked="" type="checkbox"/>	X-rs-id	[Kode RS di RS Online]			
<input checked="" type="checkbox"/>	X-Timestamp	[Timestamp dalam format UTC timestamp]			
<input checked="" type="checkbox"/>	X-pass	[Password RS Online]			

II. KPI 1 WAKTU PELAYANAN RAWAT JALAN

A. Pembuatan Kode Booking

Fungsi: Mendaftarkan data pasien yang akan diukur waktu pelayanannya

URL : <https://sirs.kemkes.go.id/fo/index.php/Antrian>

Method : POST

Raw Data :

```
{
  "kodebooking": "{kodebooking yang dibuat unik}",
  "jenispasien": "{JKN / NON JKN}",
  "nik": "{nik pasien}",
  "kodepoli": "{memakai kode poli BPJS}",
  "namapoli": "{nama poli}",
  "pasienbaru": {1(Ya),0(Tidak)},
  "norm": "{no rekam medis pasien}",
  "tanggalperiksa": "{tanggal periksa}",
  "kodedokter": {kode dokter BPJS},
  "namadokter": "{nama dokter}",
  "jampraktek": "{jam praktek dokter}",
  "jeniskunjungan": {1 (Rujukan FKTP), 2 (Rujukan Internal), 3 (Kontrol), 4 (Rujukan
  Antar RS)},
  "nomorreferensi": "{norujukan/kontrol pasien JKN, diisi kosong jika NON JKN}",
  "nomorantrean": "{nomor antrean pasien}",
  "angkaantrean": {angka antrean},
  "estimasi dilayani": {waktu estimasi dilayani dalam miliseconds},
  "keterangan": "{informasi untuk pasien}"
}
```

Memperbaharui data booking

URL : <https://sirs.kemkes.go.id/fo/index.php/Antrian>

Method : PUT

Raw Data :

```
{
  "kodebooking": "{kodebooking yang dibuat unik}",
  "jenispasien": "{JKN / NON JKN}",
  "nik": "{nik pasien}",
  "kodepoli": "{memakai kode poli BPJS}",
  "namapoli": "{nama poli}",
  "pasienbaru": {1(Ya),0(Tidak)},
  "norm": "{no rekam medis pasien}",
  "tanggalperiksa": "{tanggal periksa}",
  "kodedokter": {kode dokter BPJS},
  "namadokter": "{nama dokter}",
  "jampraktek": "{jam praktek dokter}",
  "jeniskunjungan": {1 (Rujukan FKTP), 2 (Rujukan Internal), 3 (Kontrol), 4 (Rujukan
  Antar RS)},
  "nomorreferensi": "{norujukan/kontrol pasien JKN, diisi kosong jika NON JKN}",
  "nomorantrean": "{nomor antrean pasien}",
  "angkaantrean": {angka antrean},
  "estimasi dilayani": {waktu estimasi dilayani dalam miliseconds},
  "keterangan": "{informasi untuk pasien}"
}
```

Menghapus data booking

URL : <https://sirs.kemkes.go.id/fo/index.php/Antrian>

Method : DELETE

Body :

```
{
  "kodebooking": "{kodebooking yang dibuat unik}",
}
```

Mengambil data booking yang sudah pernah dikirim

URL : <https://sirs.kemkes.go.id/fo/index.php/Antrian>

Method : GET

Body :

```
{  
  "tanggal": "{tanggal format yyyy-mm-dd}",  
}
```

Jika pada Body tidak mengirim “tanggal”, maka akan mengambil data hari ini.

B. Pencatatan Waktu Pelayanan

Fungsi: Mencatat waktu pelayanan pasien pada setiap titik pelayanan (Task ID)

- 1 (mulai waktu tunggu admisi),
- 2 (akhir waktu tunggu admisi/mulai waktu layan admisi),
- 3 (akhir waktu layan admisi/mulai waktu tunggu poli),
- 4 (akhir waktu tunggu poli/mulai waktu layan poli),
- 5 (akhir waktu layan poli/mulai waktu tunggu farmasi),
- 6 (akhir waktu tunggu farmasi/mulai waktu layan farmasi membuat obat),
- 7 (akhir waktu obat selesai dibuat),
- 99 (tidak hadir/batal)

URL : <https://sirs.kemkes.go.id/fo/index.php/Antrian/Task>

Method : POST

Body :

```
{  
  "kodebooking": "{kodebooking yang didapat dari servis tambah antrean}",  
  "taskid": {angka task id sesuai titik pelayanan}  
  "waktu": {waktu dalam timestamp milisecond}  
}
```

Memperbaharui data waktu pelayanan

URL : <https://sirs.kemkes.go.id/fo/index.php/Antrian/Task>

Method : PUT

```
{  
  "kodebooking": "{kodebooking yang didapat dari servis tambah antrean}",  
  "taskid": {angka task id sesuai titik pelayanan}  
  "waktu": {waktu dalam timestamp milisecond}  
}
```

Catatan Waktu pelayanan tidak boleh dihapus, hanya boleh dibatalkan dengan mengirim task id 9

LAMPIRAN

Contoh Coding Pemrograman Laporan Data Tempat Tidur

PHP

Dibuat oleh RS Sardjito

```
<?php
$id = "12345"; //kode rs dari kemenkes
$pass = "tulisPasswordDiSini";
//Get Timestamp
$dt = new DateTime(null, new DateTimeZone("UTC"));
$timestamp = $dt->getTimestamp();

// update data tempat tidur
$url = "https://sirs.kemkes.go.id/fo/index.php/Fasyankes";
$method = "PUT";
$postdata = '
{
    "id_tt": "2",
    "ruang": "Amarta",
    "jumlah_ruang": "1",
    "jumlah": "1",
    "terpakai": "0",
    "prepare": "0",
    "prepare_plan": "0",
    "covid": "0"
}';

$curl = curl_init(); curl_setopt($curl,
CURLOPT_URL, $url);
curl_setopt($curl, CURLOPT_HEADER, false); curl_setopt($curl,
CURLOPT_CUSTOMREQUEST, $method); curl_setopt($curl,
CURLOPT_POSTFIELDS, $postdata);

curl_setopt($curl, CURLOPT_FOLLOWLOCATION, true);
curl_setopt($curl, CURLOPT_RETURNTRANSFER, true);
curl_setopt($curl, CURLOPT_SSL_VERIFYHOST, false);
curl_setopt($curl, CURLOPT_SSL_VERIFYPEER, false);
curl_setopt($curl, CURLOPT_HTTPHEADER, array(
    "X-rs-id: ".$id,
    "X-Timestamp: ".$timestamp, "X-
pass: ".$pass,
    "Content-type: application/json"
));

$result = curl_exec($curl);
curl_close($curl);
echo $result;
?>
```

JAVA

Dibuat oleh RSUP SARDJITO

```
/*
 * To change this license header, choose License Headers in ProjectProperties.
 * To change this template file, choose Tools | Templates
 * and open the template in the editor.
 */
package rsonline;

import java.io.IOException; import
java.sql.Timestamp; import
java.util.logging.Level; import
java.util.logging.Logger;
import org.apache.http.HttpResponse; import
org.apache.http.client.HttpClient;
import org.apache.http.client.methods.HttpPut;import
org.apache.http.entity.StringEntity;
import org.apache.http.impl.client.HttpClientBuilder;import
org.apache.http.protocol.HTTP;
import org.apache.http.util.EntityUtils;

/**
 *
 * @author dody
 */
public class RSONline {

    //Web Service header
    private final String strURL = "https://sirs.kemkes.go.id/fo/index.php/Fasyankes";
    private static final String xrsid = "12345"; //kode rs darikemenkes
    private static final String xpass = "tulispaswordDiSini"; Timestamp timestamp =
    new Timestamp(System.currentTimeMillis());

    private String putData() { String
        jsonResponse = null;try {
            HttpResponse response;
            HttpPut updateData;
            HttpClient httpClient; String
            tempParams = "";
            StringEntity params;

            String strTimeStamp = Long.toString(timestamp.getTime()).substring(0, 10);
            tempParams = "{\n"
                + "    \"id_tt\": \"2\", \n"
```

```
+ "        \"ruang\": \"Amarta\", \n\"
+ "        \"jumlah_ruang\": \"1\", \n\"
+ "        \"jumlah\": \"1\", \n\"
+ "        \"terpakai\": \"0\", \n\"
+ "        \"prepare\": \"0\", \n\"
+ "        \"prepare_plan\": \"0\", \n\"
+ "        \"covid\": \"0\" \n\"
+ "    }\";
params = new StringEntity(tempParams, \"UTF-8\");

updateData = new HttpPut(strURL); updateData.setHeader(\"X-
rs-id\", xrsid); updateData.setHeader(\"X-Timestamp\",
strTimeStamp); updateData.setHeader(\"X-pass\", xpass);
updateData.setHeader(\"Accept\", \"application/json\");
updateData.setHeader(HTTP.CONTENT_TYPE,
\"application/json\");

updateData.setEntity(params);
httpClient = HttpClientBuilder.create().build(); response =
httpClient.execute(updateData); updateData.releaseConnection();
jsonResponse = EntityUtils.toString(response.getEntity(),
\"UTF-8\");
        System.out.println(\"response: \" + jsonResponse);
    } catch (IOException ex) {

Logger.getLogger(RSONline.class.getName()).log(Level.SEVERE, null, ex);
    }

    return jsonResponse;
}

public static void main(String[] args) {
    // TODO code application logic here
    RSONline ro = new RSONline();
    ro.putData();
}
}
```

VB

Dibuat oleh RS BETHESDA YOGYAKARTA

```
Dim currentTime As Double
currentTime = (DateTime.UtcNow - New DateTime(1970, 1, 1, 0,
0, 0)).TotalSeconds
Dim url As String = "https://sirs.kemkes.go.id/fo/index.php/Fasyankes"
Dim XRSid As String = "X-rs-id: "3404015" 'kode rs darikemenkes
Dim Xtimestamp As String = "X-Timestamp: " & currentTimeDim XPass
As String = "X-pass: 12345567"
'tulisPasswordDiSini

Dim cKodeRuang as string = "2"
Dim cNamaRuang as string = "Amarta"Dim
nJumlahRuang as integer = 1 Dim
nJumlah as integer = 1
Dim nTerpakai as integer = 0 Dim
nPrepare as integer = 0 Dim
nPreparePlan as integer = 0Dim
nCovid as integer = 0

Try

Dim request As WebRequest = WebRequest.Create(url)request.Method =

"PUT"

request.Headers.Add(XRSid) request.Headers.Add(Xtimestamp)
request.Headers.Add(XPass)

Dim postData As String

postData = "{"id_tt": "" & cKodeRuang & "", "ruang": "" &
cNamaRuang & "", "jumlah_ruang": "" & nJumlahRuang
& "", "jumlah": "" & nJumlah & "", "terpakai": "" & nTerpakai &
"", "prepare": "" & nPrepare & "", "prepare_plan": "" &
nPreparePlan & "", "covid": "" & nCovid & ""}"

Dim byteArray As Byte() = Encoding.UTF8.GetBytes(postData)
request.ContentType = "application/json" request.ContentLength =
byteArray.Length

Dim dataStream As Stream = request.GetRequestStream()

dataStream.Write(byteArray, 0, byteArray.Length)
```



```
dataStream.Close()  
Dim response As WebResponse = request.GetResponse()  
  
dataStream = response.GetResponseStream() Dim  
reader As New StreamReader(dataStream)  
  
' Read the content.  
Dim src As String = reader.ReadToEnd()  
  
'MsgBox(src)  
reader.Close()  
dataStream.Close()  
response.Close()  
  
cPesanError = "BERHASIL"  
Catch ex As Exception  
cPesanError = "GAGAL"  
End Try
```

C#

Dibuat oleh RS PARU Dr. ARIO WIRAWAN

```
/*author Ali*/
```

```
public string HttpRequestRSOnline(string method, string url, string postData)
{
    var responseString = "";
    DateTime foo = DateTime.Now;
    long unixTime = ((DateTimeOffset)foo).ToUnixTimeSeconds();

    try
    {
        var request = (HttpWebRequest)WebRequest.Create(url);

        var data = Encoding.ASCII.GetBytes(postData);
        request.Timeout = ((1000 * 60) * 60) * 48;
        request.Method = method;
        request.ContentType = "application/json";
        request.Headers.Add("X-rs-id", "rsid");
        request.Headers.Add("X-Timestamp",
unixTime.ToString());
        request.Headers.Add("X-pass", "password");

        request.ContentLength = data.Length;
        if (data.Length > 0)
        {
            using (var stream = request.GetRequestStream())
            {
                stream.Write(data, 0, data.Length);
                stream.Close();
            }
        }
        var response = (HttpWebResponse)request.GetResponse();
        responseString = new
StreamReader(response.GetResponseStream()).ReadToEnd();
        Console.WriteLine("response=" + responseString);
        response.Close();
        return responseString;
    }
    catch
    {
        return "error";
    }
}
```

DELPHI

Dibuat oleh Pusat Otak Nasional Prof. Dr. dr. Mahar Mardjono Jakarta

```
/*author Kofa*/var
  frmUtama: TfrmUtama;
  lst: TStrings;
  stm: TStringStream;

const
  URL = 'https://sirs.kemkes.go.id/fo/index.php';

implementation

{$R *.dfm}

procedure TfrmUtama.btnUpdateTTClick(Sender: TObject);var
  key: string;raw:
  string;    sss:
  String;
begin
  lst.Clear;
  raw := '{"id_tt": "1","ruang": "R1","jumlah_ruang": "2","jumlah":"50",'
    + "'terpakai": "0","prepare": "0","prepare_plan":"0","covid": 0}';

  stm := TStringStream.Create(raw);key :=
  'Fasyankes';
  sss := RSONline(key, rsPUT, lst, stm);

  Memo1.Text := sss;

  if sss = '' then
    Messagedlg('Error : '#13#10#13#10'Request gagal dikirim', mtError,[mbOK], 0) else
    Messagedlg('Reequest berhasil dikirim', mtInformation, [mbOK], 0);end;

function TfrmUtama.RSONline(AKey: String; AMethod: TRSMethod; TAList:TStrings; AStream:
TStringStream): String;
var
  sss: String;
  res: IHTTPResponse;
begin
  http.CustomHeaders['X-rs-id'] := MY_CODE; http.CustomHeaders['X-
timestamp'] := DateTimeToUnix(now).toString;
```

```
http.CustomHeaders['X-pass'] := MY_PASS;
http.CustomHeaders['Content-Type'] := 'application/json';

sss := "";try
  if AMethod = rsGET then
  begin
    http.Get(url + '/' + AKey, stm);sss :=
    stm.DataString;
  end;

  if AMethod = rsPOST then
  begin
    res := http.Post(url + '/' + AKey, stm);sss :=
    res.ContentAsString;
  end;

  if AMethod = rsPUT then
  begin
    res := http.PUT(url + '/' + AKey, stm);sss :=
    res.ContentAsString;
  end;

  if AMethod = rsDELETE then
  begin
    res := http.DELETE(url + '/' + AKey, stm);sss :=
    res.ContentAsString;
  end;
except
  on E:Exception do
  begin
    Messagedlg('Error : '#13#10#13#10 + E.Message, mtError, [mbOK],
0);
  end;
end;

result := sss;end;

initialization
  lst := TStringList.Create; stm :=
  TStringStream.Create;

finalization
  lst.Free;
  stm.Free;

end.
```

VB6

Dibuat oleh RSUD KRMT WONGSONEGORO

```
/*author Martin Setiawan*/
```

```
Option Explicit
```

```
Private Type FILETIME
```

```
    dwLowDateTime As Long
```

```
    dwHighDateTime As Long
```

```
End Type
```

```
Private Type SYSTEMTIME
```

```
    wYear As Integer wMonth
```

```
    As Integer wDayOfWeek
```

```
    As Integer wDay As
```

```
    Integer
```

```
    wHour As Integer wMinute
```

```
    As Integer wSecond As
```

```
    Integer wMilliseconds As
```

```
    Integer
```

```
End Type
```

```
Private Declare Function FileTimeToLocalFileTime Lib "kernel32"(lpFileTime  
As FILETIME, lpLocalFileTime As FILETIME) As Long Private Declare  
Function LocalFileTimeToFileTime Lib "kernel32"(lpLocalFileTime As  
FILETIME, lpFileTime As FILETIME) As Long Private Declare Function  
FileTimeToSystemTime Lib "kernel32" (lpFileTime As FILETIME,  
lpSystemTime As SYSTEMTIME) As Long Private Declare Function  
SystemTimeToFileTime Lib "kernel32" (lpSystemTime As SYSTEMTIME,  
lpFileTime As FILETIME) As Long Private Function ConvertToTglUnix(tgl As  
Date) As String
```

```
    ConvertToTglUnix = (tgl - DateSerial(1970, 1, 1)) * 86400End Function
```

```
Private Function xtime(time As Date) As StringDim
```

```
the_date As Date
```

```
Dim system_time As SYSTEMTIME
```

```
Dim local_file_time As FILETIMEDim
```

```
utc_file_time As FILETIME
```

```
    ' Get the local time.
```

```
    the_date = CDate(time)
```

```
    ' Convert it into a SYSTEMTIME.
```

```
    DateToSystemTime the_date, system_time
```

```
    ' Convert it to a FILETIME.
```

```
    SystemTimeToFileTime system_time, local_file_time
```

```
    ' Convert it to a UTC time.
```

```
    LocalFileTimeToFileTime local_file_time, utc_file_time
```

```
' Convert it to a SYSTEMTIME. FileTimeToSystemTime
utc_file_time, system_time

' Convert it to a Date. SystemTimeToDate
system_time, the_date

' Display the result. xtime =
Format$(the_date)
End Function

' Convert a Date into a SYSTEMTIME.
Private Sub DateToSystemTime(ByVal the_date As Date, ByRef system_timeAs
SYSTEMTIME)
    With system_time
        .wYear = Year(the_date)
        .wMonth = Month(the_date)
        .wDay = Day(the_date)
        .wHour = Hour(the_date)
        .wMinute = Minute(the_date)
        .wSecond = Second(the_date)
    End With
End Sub

'Convert a SYSTEMTIME into a Date.
Private Sub SystemTimeToDate(system_time As SYSTEMTIME, ByRef the_dateAs
Date)
    With system_time
        " The following doesn't work internationally.'the_date =
        CDate( _
        '     Format$(.wMonth) & "/" & _
        '     Format$(.wDay) & "/" & _
        '     Format$(.wYear) & " " & _
        '     Format$(.wHour) & ":" & _
        ' Format$(.wMinute, "00") & ":" & _
        '     Format$(.wSecond, "00")

        ' Thanks to Justin Starnes for the
        ' following internationalized version.
        the_date = DateSerial(.wYear, .wMonth, .wDay) + _
            TimeSerial(.wHour, .wMinute, .wSecond)
    End With
End Sub

Private Function kirimSirs(id_tt, NamaRuangan, jumlahruang, jmlkamar,terpakai, prepare,
prepareplan, covid As String) As Boolean
On Error GoTo ErrorNda
    Dim req As WinHttp.WinHttpRequest
    Dim unixtime, url, tpost, hasil, xUserRS, xPasswordRS As String
    'Set user dan password
    xUserRS = ""
    xPasswordRS = ""
    'End Set
```

```
unixtime = ConvertToTglUnix(xtime(Now))
url = "https://sirs.kemkes.go.id/fo/index.php/Fasyankes"
tpost = "{$$id_tt$$$" & id_tt & "{$$,$$ruang$$$" & NamaRuangan &
"$$$,$$jumlah_ruang$$$" & jumlahruang & "{$$,$$jumlah$$$" & jmlkamar &
"$$$,$$terpakai$$$" & terpakai & "{$$,$$prepare$$$" & prepare &
"$$$,$$prepare_plan$$$" & prepareplan & "{$$,$$covid$$$" & covid & "{$$}"
tpost = Replace(tpost, "$$", "") Set req =
New WinHttp.WinHttpRequest.Open
"PUT", url
req.SetRequestHeader "X-rs-id", xUserRS req.SetRequestHeader
"X-Timestamp", unixtime req.SetRequestHeader "X-pass",
xPasswordRS req.SetRequestHeader "Content-Type",
"application/json"req.Send tpost
hasil = req.ResponseTextIf
hasil = "" Then
    kirimSirs = FalseElse
    kirimSirs = TrueEnd
If
Exit Function
ErrorNda:
    kirimSirs = FalseExit
Function
End Function

Private Sub Command1_Click()
    If kirimSirs(1, "GatotKaca VVIP", 1, 10, 5, 0, 0, 0) = False ThenCall
        MsgBox("Pengiriman Gagal")
    Else
        Call MsgBox("Data Sudah di Update")End
    If
End Sub
```

FOXPRO

Dibuat oleh : RS Umum Islam PKU Muhammadiyah Pekajangan di Pekalongan

*Author Masthink

```
DECLARE Long InternetCheckConnection IN Wininet.dll String Url,;  
        Long dwFlags, Long Reserved  
        lcUrl1 = " https://sirs.kemkes.go.id/"
```

**konvert ke UTC

```
od = DATETIME()  
oShell = CREATEOBJECT("WScript.Shell")  
offsetMin =  
oShell.RegRead("HKEY_LOCAL_MACHINE\System\CurrentControlSet\Control\TimeZoneIn  
formation\ActiveTimeBias")  
lcutc= od + (offsetMin * 60)  
oHTTP = CreateObject("Microsoft.XMLHTTP")  
timestamp = lcutc-dateTIME(1970,1,1,0,0,0)  
lcurl=' https://sirs.kemkes.go.id/fo/index.php/Fasyankes '
```

**Get data dari server SIMRS (disesuaikan)

```
SQLEXEC(kon,"SELECT id_ttsirs,nm_ruang,sum(jumlah) as jumlah,SUM(terpakai) as  
terpakai,covid FROM tbsirs GROUP BY id_ttsirs,nm_ruang,covid"," tbsirs2")  
SELECT tbsirs2
```

```
IF RECCOUNT()<>0
```

```
    DO WHILE !EOF()
```

```
        *Cek Koneksi ke sirs.kemkes.go.id
```

```
        IF InternetCheckConnection(lcUrl1, 1, 0) <> 0
```

```
            oHTTP.Open("PUT",lcurl, .F.)
```

```
            oHTTP.setRequestHeader('Accept', 'application/xml')
```

```
            oHTTP.setRequestHeader('X-rs-id', xkoders)
```

```
            oHTTP.setRequestHeader('X-Timestamp', timestamp)
```

```
            oHTTP.setRequestHeader('X-pass', xpass )
```

```
            text to lcjson noshow textmerge pretext 7
```

```
                { "id_tt": "<<tbsirs2.id_ttsirs>>", "ruang": "<<ALLTRIM(tbsirs2.nm_ruang)>>",  
                  "jumlah_ruang": "0", "jumlah": "<<tbsirs2.jumlah>>", "terpakai":
```

```
"<<tbsirs2.terpakai>>",
```

```
                  "prepare": "0", "prepare_plan": "0", "covid": "<<tbsirs2.covid>>" }
```

```
            ENDTEXT
```



```
oHTTP.Send(lcjson)
oHTTP.status
oHTTP.responseText
lcrespon=oHTTP.responseText

IF oHTTP.status=200
    SELECT tbsirs2
    SKIP
ELSE
    EXIT
ENDIF
ELSE
    EXIT
ENDIF
ENDDO
ENDIF
```