E-INVOICE SYSTEM - HIGHLIGHTS

National Informatics Centre

About National Informatics Centre

- National Informatics Centre (NIC) is government organisation under Ministry of Electronics and IT, GoI
- NIC's focus is on Citizen Centric Services
- NIC is providing the state-of-art technology solution to the e-governance projects of state and centre governments
- NIC is has NICNET, Wide Area Network covering the PAN India
- NIC projects for tax departments
  - Customs
  - VAT, PT, Sales Tax, etc.
  - E-way Bill Project under GST
  - Now, E-Invoicing System

E-Way Bill Project

- E-Way Bill is for movement of goods, having value more than Rs. 50,000, from one place to another
- E-way Bill Project under GST started for PAN India from April 2018
- Daily, on Average 22 Lakh E-Way Bills are generated on the portal
- More than 12 lakh tax payers are using every month on this portal to generate e-Way Bill
- As of now, more than 130 Crores E-Way Bills are generated in last 28 months
- E-Way Bill is linked with E-Invoicing System

What & Why of E Invoice

- It is the process of registration of generated invoice on a Government notified portal
- Unique Invoice Reference Number (IRN) obtained as a result of registration
- Signed Invoice, signed by the Invoice Registration (IRP) Portal
- Verifiable Authencity and Integrity of content
- Standardized, Interoperable and Digitized Invoices
- Integrated E Invoice and E Way Bill operations
- Incremental filing of GSTR1
- Part of existing business processes

Eligibility

- The business entities having > 500 Cr. turn over in a financial year have to register the Invoices from 1st October 2020
- Turnover considered for the PAN – Aggregate of all GSTINs based on same PAN
- Exemptions
  - SEZ Units, and others as per notifications
- Invoices of all B2B and Exports transactions to be registered

E-Invoice Related Points

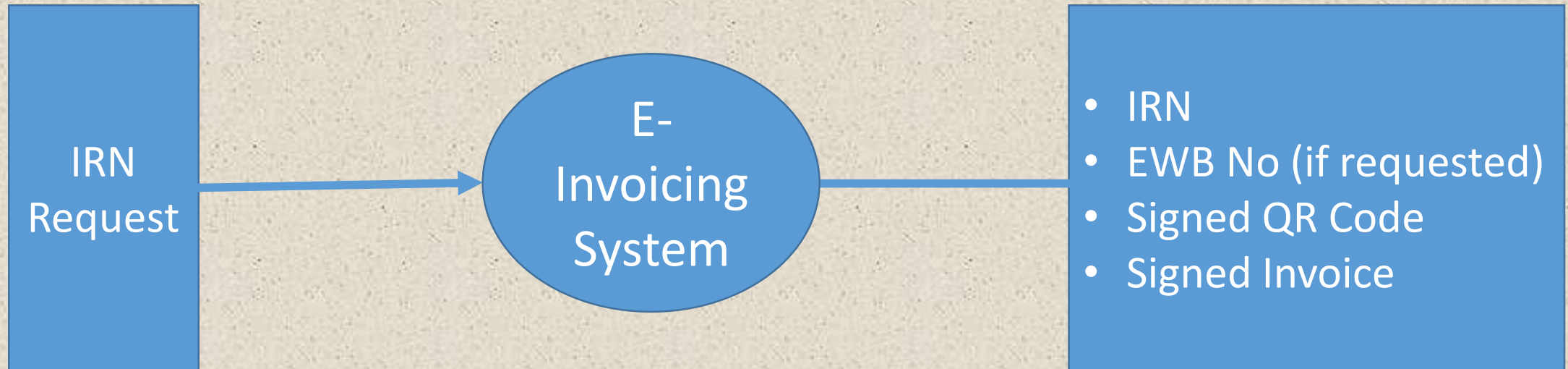**IRN Generators**

-SUPPLIER / SELLER

-E-COM. OPERATOR

Types of Documents

-INVOICE

-CREDIT NOTE

-DEBIT NOTE

Types of Transactions

-B2B including B2G

-Export all types

IRN Request and Response

```
┌─────────────┐                  ╭───────────────╮              ┌──────────────────────────┐
│             │                  │               │              │  • IRN                   │
│    IRN      │ ───────────────▶ │      E-       │ ──────────── │  • EWB No (if requested) │
│   Request   │                  │   Invoicing   │              │  • Signed QR Code        │
│             │                  │    System     │              │  • Signed Invoice        │
└─────────────┘                  ╰───────────────╯              └──────────────────────────┘
```

QR Code

- GSTIN of supplier
- GSTIN of Recipient
- Invoice number as given by Supplier
- Date of generation of invoice
- Invoice value (taxable value and gross tax)
- Number of line items.
- HSN Code of main item (the line item having highest taxable value)
- Unique Invoice Reference Number (hash)

Mandatory to print QR code on Invoice

Modes of e-invoice generation
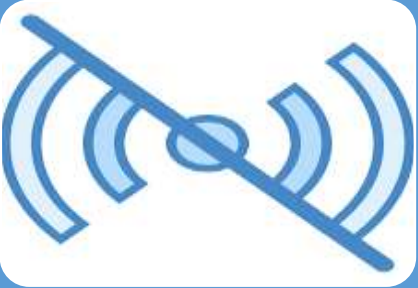
Offline Facility - Bulk Upload Tool

In this, tax payer prepare and upload the file containing the multiple IRN requests and e-invoicing system will process each one of them and return the IRN for all as applicable
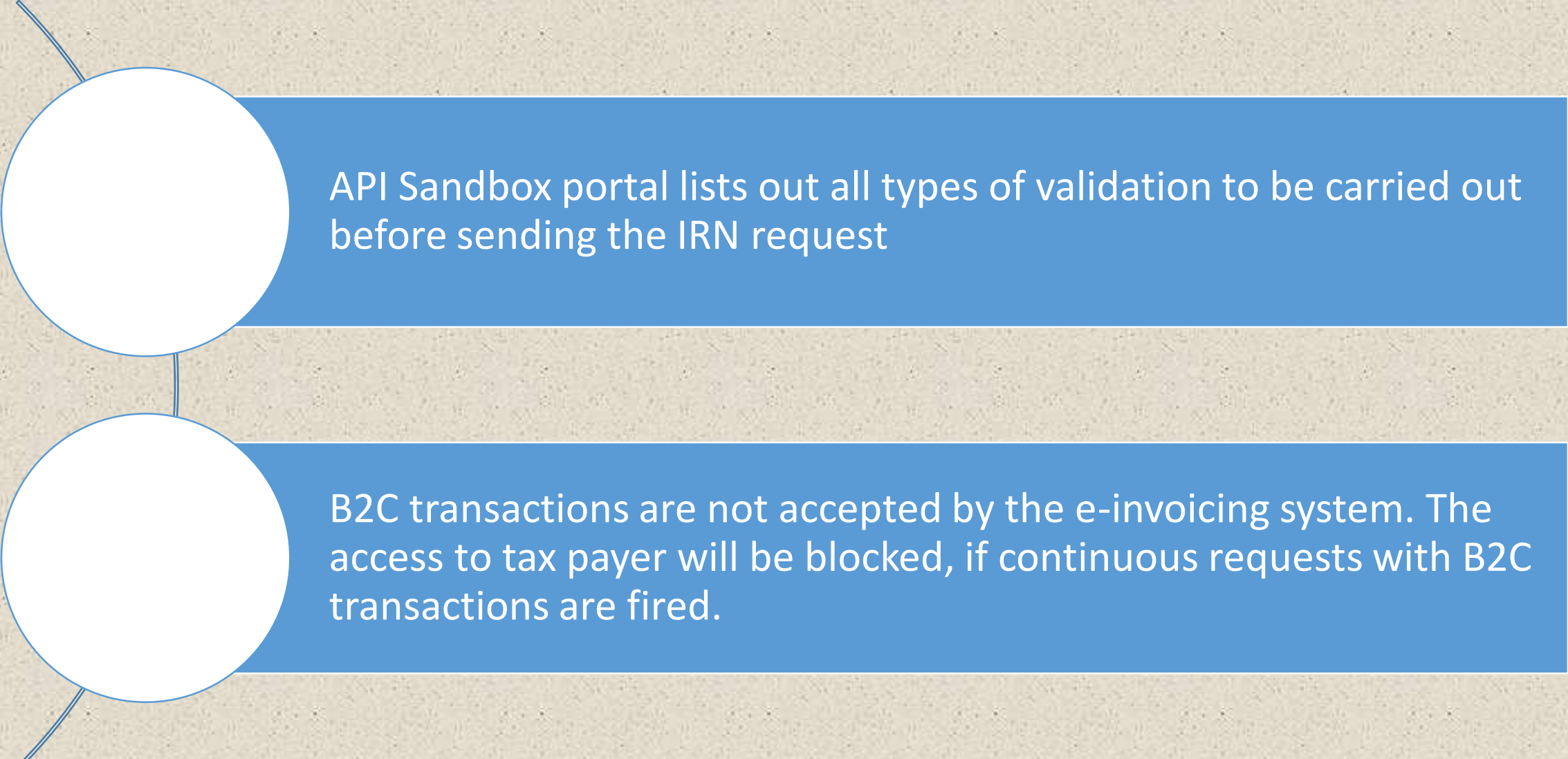
Direct API integration

This is direct method of tax payer system requesting for IRN and e-invoicing system will return the IRN

API Integration through GSP

In this case, the tax payer system will route the request for IRN through GSP and e-invoicing system will return IRN

Validations for IRN

API Sandbox portal lists out all types of validation to be carried out before sending the IRN request

B2C transactions are not accepted by the e-invoicing system. The access to tax payer will be blocked, if continuous requests with B2C transactions are fired.

Cancellation of IRN

24   IRN generated on the portal can be cancelled within 24 hours

IRN cannot be cancelled, if valid E-Way Bill exists for that IRN

Once e-Invoice (IRN) is cancelled, then one more IRN cannot be generated on same Invoice Number

E Invoice & E Way Bill

- On production environment, E Invoice System and E Way Bill System are seamlessly integrated
- The Credentials of E Way Bill System work on E Invoice System
- E Way Bill can be generated as part of generation of IRN itself or by using the IRN as reference or by calling E Way Bill APIs separately
- Only Part A or the E Way Bill can be generated
- Further operations on E Way Bills can be performed on the E Way Bill System
- On sandbox, both are different systems, however cancellation of EWB is integrated with E Invoice to enable cancellation of E Invoice

General Points

APIs for testing are made available on sandbox on 05.08.2020

APIs will be available on Production by 15.08.2020

- On Production, the same API credentials can be used for both E-Invoice and E-Way Bill

LIVE - IRN generation to start from 01.10.2020

API DEVELOPER PORTAL & ONLINE SANDBOX TEST CLIENT

https://einv-apisandbox.nic.in

Introduction to E Invoice Developer Portal

- All information required for ERP and Financial Accounting Software developers to integrate e-Invoicing System through API

- Registration for testing the APIs on Sandbox environment

- General Information like Introduction, Overview, Benefits, Onboarding procedure, best practices, FAQs etc.

- Announcements on latest developments etc.

- API Documentation including specifications, Sample payloads, JSON schemas, Validation details etc.

- Master lists, Sample Codes etc.

- Online API Testing Tool

GOODS AND SERVICES TAX
e – Invoice System

e – Invoice API Developer's Portal

| Home | Introduction | API Overview | Benefits | On-Boarding | API Credentials | Best Practices | FAQs | Release Notes | Login |

Notes" for details.   Please click on "Login" for Registration

API Specifications

Announcements

10 August 2020

Updated Test Summary report format is available in "On-Boarding" page.

05 August 2020

more

Resources

- IRN
- Mapping of Notified schema with API (IRN) schema
- Mapping of E way bill schema with API (IRN) schema
- Master lists
- Error List
- General Master
- Sample Code in Java
- Sample Code in C#.net

india.gov.in   The National Portal of INDIA

Authentication

Current Version (v1.03)

- Overview
- Payloads
- Sample JSONs
- FAQs

Generate IRN

Current Version (v1.03)

- Overview
- Payloads
- Sample JSONs
- JSON Schema
- Validations
- FAQs

Cancel IRN

Current Version (v1.03)

- Overview
- Payloads
- Sample JSONs
- JSON Schema
- Validations
- FAQs

Get E-Invoice Details

Current Version (v1.03)

- Overview
- Payloads
- Sample JSONs
- Validations

Generate e-Waybill by IRN

Current Version (v1.03)

- Overview
- Payloads
- Sample JSONs
- JSON Schema
- Validations

Get GSTIN Details

Current Version (v1.03)

- Overview
- Payloads
- Sample JSONs
- FAQs

E-way Bill Cancel

Current Version (v1.03)

- Overview
- Payloads
- Sample JSONs
- JSON Schema
- Validations
- FAQs

Who can Register

- Eligible tax payers (> 500Cr TO),
  - Same PAN, Same Client Id & Secret, individual user id and password per GSTIN
- GSPs
  - Can test with GSTIN like ids
  - Can Add eligible tax payers as new accounts and share credentials
- ERPs identified by GSTN
  - Facilitate e Invoice operations like GSPs
- E Commerce Operators
  - Will register invoices on behalf of eligible tax payers

API Test Tool: Generate IRN

- Clicking "Sample Json" loads the sample JSON in "Payload – Plain text" text area.

- Required changes in the JSON to satisfy validations to be made.

- Clicking on "Encrypt Payload" will encrypt the payload using available SEK and populate the payload in "Payload – Encrypted" text area.

- Clicking on "Generate IRN" will post the request payload to the respective endpoint, populates the response in "Response – Encrypted" text area, the encrypted response is decrypted using the SEK and populated in "Response – Plain text" text area

GSTIN: * 37AKZPT4384Q1MT

User Name: *

Auth Token: * uGTkXFZGz2zemiRJr1atOfKkN

Sek: * iIPt95mckSvRO6kB/rtNRTWV6t6jjVF1

Payload - Plain text

```
{
  "Version": "1.01",
  "TranDtls": {
    "TaxSch": "GST",
    "SupTyp": "B2B",
    "RegRev": "Y",
    "EcmGstin": null,
    "IgstOnIntra": "N"
  },
  "DocDtls": {
```

Payload - Encrypted

```
{"Data":"3w5wOMDef9qhf0rM/QY0dyW
+BKcVFQTG1eyNqdDBcDc4NkpzVZa
/dP+cbj8lK56GIlt7EzHgWcZCrp1+n09UP
Nzno2ue0Qt8Fd0I0VXmpUCbR+CfoVsI9
rMv0cGpFK1jDzjQ+cd5haEQyPxYZJl+xx
cQdAs7uZLppN5iFJ8IogX65xqUnX
/7/XDUhIJbEuH4XcED0dsM7WNt8AuxES
Hr9CD0YHtAvJ3VrqUQ6b6lPiYiYQ+4TJO
RlKKX5WxmqxOPxO4e77QbJRmq+qxPDE
h2Q3HdvSTdiQlQ6qf87cTjnQaq7zLWA60
```

(2) Modify as required

(1) Click to get Sample JSON

Sample Json   Encrypt Payload

(3) Click to get Encrypted payload

Generate IRN   (4) Call the API

Response - Encrypted

```
{"Status":"1","Data":"ggsDYL9U8grslPjX
t+eBkKvM+F6S/q+n+c3piCNcbxbgk5gW
3ppk38tyWA7b09pMsaxqLmbNvnlCLsxU
90ObfHwoAlcvpzl63irFP6XWHAE2qe3R0
ZQafd8lXC3Q6zPI+oiUDxw28ALgUYoUfV
N1nRommcu9Sua+A2j9UGXqnvvCqGrJ7
wyqZ78i9iJyTQX7GPg1uS5tX8aKV8YjtQ
hnOt2dfBGCZz/FrHIibAurfQN58zF4Q2V
/VCqWVdZVd2phf7AJ+yybYxVkYsF0Rsq
dl+iUMCWiiNW+2IWF0rkPP2dFUlC7tAqw
```

Response - Plain Text

```
{
  "AckNo": 112010000037852,
  "AckDt": "2020-08-11 16:45:00",
  "Irn":
"5e8a0a1809dd934a9a57ba525f6bf531
df262ed2c11587e2cdfa890539d41712",
  "SignedInvoice":
"eyJhbGciOiJSUzI1NiIsImtpZCI6IjExNUY
0NDI2NjE3QTc5MzhCRTFCQTA2REJFRTk
xOTOvN7H4NFVFQHTiLCJ9eXAiOiJKV1Oi
```

PORTAL DEMO...

https://einvoice1.gst.gov.in

Main Features

Computer Based Tutorials & FAQs

Computer Based Tutorials

Computer Based Training

Topic	Video
Introduction to e-Invoice System	00:00 — 05:34
IRN Generation using Bulk Tools	
Process for API Registration	E-Invoice API Registration Process — 0:00 / 4:33
E-Invoice API Sandbox Portal: Introduction to Portal, API Documentation, Registration for API Testing	e Invoice - API Sandbox Developer Portal — 0:00 / 16:24
E-Invoice Online API testing Tool and Developer resources	0:00 / 8:43

FAQs

E-Invoicing System	**E-INVOICING SYSTEM**
Registration	What is e-invoicing?
Login	What is the purpose of E-invoice system?
Generation of IRN	When will the e-invoice system be implemented?
Signed QR	Who is Responsible for generating e-invoice?
Cancellation of IRN	What types of documents are to be reported to GST System?
User Management	What is the common portal for generation of e-invoice?
Other modes of generation of IRN	Will businesses now be required to generate e-invoices on the GST portal or the e-invoice portal?
Miscellaneous	How do I know the status of enablement of my GSTIN for generation of IRN?

E-Invoice Status

Status of E-Invoice enablement of Taxpayer

GSTIN:* : 37_____KL

RHD66

Go   Exit

GSTIN Details

GSTIN	Trade Name	Status
37_____KL		E-Invoice is ENABLED for this Taxpayer

Bulk generation Tools

National Informatics Centre

📄 Attributes

E-Invoice Attributes, JSON Schema & Sample JSON File ⬇

✖ JSON Preparation Tools (Version-1.01)

E-Invoice JSON Preparation - Format A [For B2B, SEZ, Exports and Deemed Exports of e-Invoice details in one sheet] ⬇

E-Invoice JSON Preparation - Format B [For B2B, SEZ, Exports and Deemed Exports of e-invoice details in two sheets] ⬇

E-Invoice JSON Preparation - Format C [For B2B, SEZ, Exports , Deemed Exports alongwith Payment and Reference details of e-invoice in multiple sheets] ⬇

E-Invoice JSON Preparation - Format D [For B2B, SEZ, Exports , Deemed Exports alongwith Payment and Reference details of e-invoice in one sheet] ⬇

🖼 Video

▶ 0:00 / 9:54

Bulk Generation Tool

Simple Bulk e-Invoice Generation Tool (Ver 1.1) -Format A

Welcome to the Simple Bulk e-Invoice generation tool - Form A. There are 4 types of Formats for preparation of e-invoice reques formats have been made as per the requirements of different classes of tax payers and transactions. To know about other formats worksheet.

Using the Format-A tool, one can prepare the JSON file to upload the large number of e-Invoices in one go to the NIC - Invoice Re a simple tool which can be used by taxpayers who have invoices dealing with B2B,SEZ, Export or Deemed Export category. **This t JSON file for transactions with mandatory fields using one worksheet**. That is, the invoice details alongwith item details ha columns in one worksheet for these kind of transactions.

This tool enables the tax payers to prepare the bulk requests in two methods.
- Cut and paste the e-Invoice requests as per the excel sheet format, from his automated system.
- Enter all the requests one-by-one in the format and keep it ready.

After entering the requests for e-Invoice in the sheet, one can get it validated for the correctness of the data format and some of 'Validate' Button. After successfully validating the data, he/she can click the 'Prepare JSON' button to generate the JSON file. Afte he/she has to login to the E-Invoice portal and upload the file for processing. After processing, the system provides the table with messages, if any. Now, he can cut and paste these details and use as per his requirements. You can go to the Sample e-Invoice sh prepare the e-invoice requests.

One can also go to the 'FAQ' sheet to get the clarifications.

One can see the FORMATS A,B,C,D worksheet to understand the four types of format that can be used for JSON preparation.

Format A is a simple format of the tool where all the Invoice details can be entered in one sheet .

| eInvoice | Master Codes | Sample Invoice | Format A,B,C,D | Schema | Validation | Calculations | FAQ ... |

Seller GSTIN Details

Seller GSTIN and Address details entered here are considered in the generation of JSON File.

Note: Schema Validation is done , Other Validations will be implemented gradually

						* Indicates Mandatory Fields
Seller GSTIN : *	37BZNPM9430M1KL	Legal Name : *	SRI LAKSHMI INDUSTRIAL PVT	Trade Name :	SRI LAKSHMI INDUSTRIAL P	
Seller Address 1: *	#124 NETHAJI STREET	Seller Address 2 :	GANDHI NAGAR	Seller Location: *	KURNOOL	
State: *	ANDHRA PRADESH	Pin Code : *	518001	Phone Number :	9030457736	
Email Id :	lakshmi@gmail.com					

Profile Details

Note: The Profile details will help in customizing the tool by either showing or not showing the columns in the invoice details, thereby, gathering the concise information for generating JSON file.

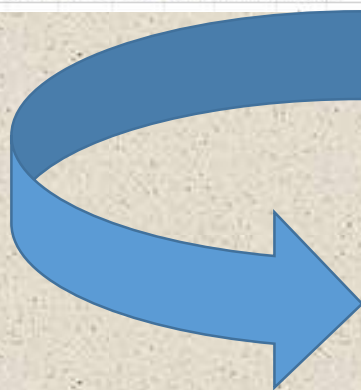| 1. Do you have Reverse Charges? | Yes | If 'Yes' addl tional column is shown and you can select 'Reverse charge |
		If 'No' is selected then all transactions are considered as Reg./en
2. Do you have e-commerce GSTIN ?	Yes	If 'Yes' is selected, extra columns for indicating
		e-Commerce GSTIN is displayed , else it is not displayed

E-Invoice JSON ATTRIBUTES - Version (1.01)

Available in Bulk Tool		Item Description	JSON Element	Data Type and Width	Data Format
		Header Details : This section has Tax Scheme, Version, Invoice Reference No.			
Format A, B, C, D	1	Version	Version	String(6)	
		Transaction Details : This section has Transaction details			
Format A, B, C, D	2	Tax Scheme	TranDtls.TaxSch	String(10)	
	3	Transaction Category	TranDtls.SupTyp	String(10)	B2B ,SEZWP , SEZWOP, EXP WP , EXPWOP , DEXP
	4	Whether Reverse Charge	TranDtls.RegRev	String (1)	Y-Yes / N -No
	5	GSTIN of E-Commerce operator	TranDtls.EcmGstin	String(15)	
	6	IGST on Intra	TranDtls.IgstOnIntra	String(1)	Y-Yes / N -No

E-Invoice VALIDATIONS

Validations in e-Invoicing System

1. E-Invoice request JSON data has to be validated as per the e-Invoice JSON Schema given in the notification.

2. Version of the Schema is mandatory and should be latest as per the latest notification.

3. IRN should not be passed as part of the request; it is generated by the e-Invoice system and sent as response.

4. The following fields should have one of the values given in the master codes.
   o Supply Type of Transaction
   o Document Type

5. The category of transaction of 'Business to Consumer (B2C)' invoices will not be considered and hence the API interface should not request for IRN for these transactions.

6. Document number should not be starting with 0, / and -. Also, alphabets in document number should not have alphabets in lower cases. If so, then request is rejected.

E-Invoice System

Validate   **Prepare JSON**

Supply Type Code*	Reverse Charge	e-Comm GSTIN	Igst On Intra	Document Type*	Document Number*	Document Date (DD/MM/YYYY)*	Buyer GSTIN*	Buyer Legal Name*	Buyer Trade Name	Buyer POS*	Buyer Addr1*	Buyer Addr2	Buyer Location*	Buyer Pin Code	Buyer State*	Buyer Phone Number	Buyer Email Id	Sl.No.*	Product Description	Is_Service*	HSN code*	Bar code	Quantity*
B2B	No		No	Tax Invoic	GRTY-44001	13/08/2020	03BZNPM	VARSHA	VARSHA	PUNJAB	NO 123	AMEERPE	PUNJAB	140118	PUNJAB	9066517875	varsha123	1	ARTICLES FO	No	39231000		150
B2B	No		No	Tax Invoic	GRTY-44002	13/08/2020	03BZNPM	VARSHA	VARSHA	PUNJAB	NO 123	AMEERPE	PUNJAB	140118	PUNJAB	9066517875	varsha123	1	ARTICLES FO	No	39231000		150
B2B	No		No	Tax Invoic	GRTY-44003	13/08/2020	03BZNPM	VARSHA	VARSHA	PUNJAB	NO 123	AMEERPE	PUNJAB	140118	PUNJAB	9066517875	varsha123	1	ARTICLES FO	No	39231000		150
B2B	No		No	Tax Invoic	GRTY-44004	13/08/2020	03BZNPM	VARSHA	VARSHA	PUNJAB	NO 123	AMEERPE	PUNJAB	140118	PUNJAB	9066517875	varsha123	1	ARTICLES FO	No	39231000		150
B2B	No		No	Tax Invoic	GRTY-44005	13/08/2020	03BZNPM	VARSHA	VARSHA	PUNJAB	NO 123	AMEERPE	PUNJAB	140118	PUNJAB	9066517875	varsha123	1	ARTICLES FO	No	39231000		150
B2B	No		No	Tax Invoic	GRTY-44006	13/08/2020	03BZNPM	VARSHA	VARSHA	PUNJAB	NO 123	AMEERPE	PUNJAB	140118	PUNJAB	9066517875	varsha123	1	ARTICLES FO	No	39231000		150
B2B	No		No	Tax Invoic	GRTY-44007	13/08/2020	03BZNPM	VARSHA	VARSHA	PUNJAB	NO 123	AMEERPE	PUNJAB	140118	PUNJAB	9066517875	varsha123	1	ARTICLES FO	No	39231000		150
B2B	No		No	Tax Invoic	GRTY-44008	13/08/2020	03BZNPM	VARSHA	VARSHA	PUNJAB	NO 123	AMEERPE	PUNJAB	140118	PUNJAB	9066517875	varsha123	1	ARTICLES FO	No	39231000		150
B2B	No		No	Tax Invoic	GRTY-44009	13/08/2020	03BZNPM	VARSHA	VARSHA	PUNJAB	NO 123	AMEERPE	PUNJAB	140118	PUNJAB	9066517875	varsha123	1	ARTICLES FO	No	39231000		150
B2B	No		No	Tax Invoic	GRTY-44001	13/08/2020	03BZNPM	VARSHA	VARSHA	PUNJAB	NO 123	AMEERPE	PUNJAB	140118	PUNJAB	9066517875	varsha123	1	ARTICLES FO	No	39231000		150
B2B	No		No	Tax Invoic	GRTY-44011	13/08/2020	03BZNPM	VARSHA	VARSHA	PUNJAB	NO 123	AMEERPE	PUNJAB	140118	PUNJAB	9066517875	varsha123	1	ARTICLES FO	No	39231000		150

Generate JSON File

```
[
{
"Version":"1.1",
"TranDtls":{
        "TaxSch":"GST",
        "SupTyp":"B2B",
        "IgstOnIntra":"N",
        "RegRev":"N",
        "EcmGstin":null
},
"DocDtls":{
        "Typ":"INV",
        "No":"GRTY-44001",
        "Dt":"13/08/2020"
},
"SellerDtls":{
        "Gstin":"▉▉▉▉▉▉▉▉DM1KL",
        "LglNm":"SRI LAKSHMI INDUSTRIAL PVT LTD",
        "TrdNm":"SRI LAKSHMI INDUSTRIAL PVT LTD",
        "Addr1":"#124 NETHAJI STREET",
        "Addr2":"GANDHI NAGAR",
        "Loc":"KURNOOL",
        "Pin":518001,
        "Stcd":"37",
        "Ph":"9030457736",
        "Em":"lakshmi@gmail.com"
},
"BuyerDtls":{
        "Gstin":"03BZNM4943▉M1KL",
        "LglNm":"VARSHA",
        "TrdNm":"VARSHA",
        "Pos":"03",
        "Addr1":"NO 123",
        "Addr2":"AMEERPET",
        "Loc":"PUNJAB",
        "Pin":140118,
        "Stcd":"03",
        "Ph":"9066517875",
        "Em":"varsha123@gmail.com"
```

Registration and Login

GOODS AND SERVICES TAX
e - Invoice System

Home | Laws | Help | Search | Downloads | Contact Us | Registration | Login

Invoice System. Taxpayers with turnover of 500Cr and above for the financial year 2019-20 are enabled for e-invoicing System.

LATEST UPDATES

04 AUG
- Release of e-Invoice Portal as per latest schema notifi

04 AUG
- Release of e-Invoice APIs in Sandbox environ latest schema notification.
  View document on e-Invoice Sandbox env

15 AUG
- Release of Bulk e-Invoice Facility in Portal schema notification.

- Click here to view document on e-Invoice.
- Existing users of e-Way Bill system (Web and API) can use the same credentials to login to e-Invoice Portal and e-Invoice API.
- New users for e-Invoice Portal can register through the Registration link in the portal.
- Click on "Search" ---> "e-Invoice Status of Tax payer" to know the status of e-Invoice enablement.

Delivery Note

IRN

Purchase Order

e-Invoice

e-way bill

Click here for Brief note on e-Invoice
Click here for Brief note on API Sandbox tool

Registration

e-Invoice Registration Form

GSTIN*: `29ABCDE1234F1GH`

GF826 ↻

GF826

[Go] [Exit]

---

e-Invoice Registration Form

GSTIN*: `29ABCDE1234F1GH`

`82P6J` ↻

GF826

[Go] [Exit]

Field	Value
Applicant Name :	...AGALORE
Trade Name :	...AGALORE
Address Line 1 :	#1473rd floorLakshmi Paradise
Address Line 2 :	Kempegowda Road
City :	Bangalore
PIN :	560009
State :	
Mail ID :	
Mobile :	******5523

Note : If the details shown above have changed or incorrect then click on 'Update from GST Common Portal' button or click on 'Send OTP'

[Send OTP] [Update from GST Common Portal]

Enter OTP: `184128` [Verify OTP]

User Name*: `Suresh@123`

Password*: `••••••••` ❓Strong!

ConfirmPassword*: `••••••••`

[Save] [Exit]

Click here to update or change the details, if required

Enter the OTP received .

❖ Single sign-on for E-Invoice and E-Waybill system

Login

Bulk generation of IRN

Invoice Bulk Upload

[*indicates mandatory fields for e-invoice]

Upload e-Invoice JSON File

Upload e-Invoice JSON File (Less than 2 MB): ❓ * | Choose file | Browse | Upload |

Note: For preparation of e-Invoice JSON file for bulk generation, Please go to the "Bulk Generation Tools" under Help -> Tools in the homepage of eInvoice portal.

Uploaded File Contains	
Total number of invoices in the file:	100
Total number of items in the file:	100
Invoices uploaded successfully :	90
Failed to upload:	10

Successfully Uploaded Invoice Details.

Download Excel⬇   Download Signed JSON⬇

	KAR/CTD87					13:13:00	
87	DOC-KAR/CTD88	12/08/2020	03▬▬▬▬▬0M1KL	136748.47	112010000016293	13-08-2020 13:13:00	56ffdc71c4da4ac15233039514cf049ecd1b1e74ee3c7401263cf9c224916ba0
88	DOC-KAR/CTD89	12/08/2020	03▬▬▬▬▬0M1KL	136748.47	112010000016309	13-08-2020 13:13:00	bd90618904aaae90744bd59be23400733e1ae17eb20f4dcaf615675740b34450
89	DOC-KAR/CTD9	12/08/2020	03▬▬▬▬▬0M1KL	136748.47	112010000016318	13-08-2020 13:13:00	5b276c13cdd0224d69109872a4ae31a2011a2b0ef1e10adbdc8a473c2131ac10

❖ Maximum size of file : 2MB
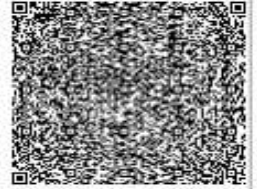
❖ Incorrect invoices will be returned with error codes

Print e-Invoice

e-Invoice Print based on either Ack No. or IRN.

Cancel IRN

e-Invoice Cancel

Based On : ○ Ack No. ○ IRN

e-Invoice System

1.e-Invoice Details

IRN : 82db750e057c580a7887359d6413d6e2f5a9e5e88d715b2eaa2d7a21aa4d5f79   Ack. No   : 112010000018255   Ack. Date   : 13-08-2020 17:57:00

2.Transaction Details

Category   : B2B   Document No   : GRTY-648001   IGST on INTRA   : No

Document Type : Invoice   Document Date : 13-08-2020

3.Party Details

Seller   Purchaser

Cancel Reason :   Duplicate   ∨

Remarks :

Submit Exit

- ❖ IRN cannot be cancelled if EWB is generated

- ❖ IRN cannot be regenerated for the same document number

Generate E-Way Bill

Generate E-waybill

Based On : ○ Ack No ○ IRN ● Date

Enter Date : 12/08/2020   Go   Exit

IRN : 82db750e057c580a7887359d6413d6e2f5a9e5e88d715b2eaa2d7a21aa4d5f79   Ack. No   : 112010000018255   Ack. Date   : 13-08-2020 17:57:00

2.Transaction Details

Category : B2B	Document No : GRTY-648001	IGST on INTRA : No
Document Type : Invoice	Document Date : 13-08-2020	

3.Party Details

Seller
GSTIN : 2........F2GI

SRI DEVI PVT LTD
#124 NETHAJI STREET   GANDHI NAGAR
KURNOOL
560054   KARNATAKA
9030457736   lakshmi@gmail.com

Purchaser
GSTIN : 0........:3L

VARSHA
NO 123   AMEERPET
PUNJAB Place of Supply: PUNJAB
140118   PUNJAB
9066517875   varsha123@gmail.com

4.Goods Details

e-Waybill Details

Transporter ID :	Transporter Name :	Distance : 1250

Mode of Transportation :   ● Road   ○ Rail   ○ Air   ○ Ship

Vehicle Type   :   ● Regular   ○ ODC

Vehicle Number : KA77899 x	Transporter Doc. No.	Date : 13/08/2020

Save   Exit

Print E-Way Bill

MIS Reports

Generated e-Invoices

From Date : 11/08/2020 To Date : 12/08/2020 Go Exit

e-Invoice Details

Download Result Excel

Sl. No	IRN	Ack No.	Date	Inv. Value	Recipient GSTIN	Status
1	b749bb88b8e93db99a760fba4b0bcad6c397ac69dadcd1de1f3056168e4831ba	11201000002?1??	12-08-2020 11:50:00	30950.00	03BZNPM94???????	ACT
2	fd45487f74766a80350efe04daa85d34f8ecd87d1b8f774d46556ad703eeefe4	11201000000??4??	12-08-2020 11:54:00	30950.00	03BZNPM94??????	ACT
3	42f7bd24afdae6f32b6a889131c3589826c4edc3371543cfd43821960f1c36fe	11201000000?????	12-08-2020 12:03:00	30950.00	03BZNPM94?????	CNL

Direct Integration

1. Login to the e-Invoice Portal

2. Submit Application for IP Whitelisting in the Portal

3. Application is scrutinized by the network team and IP is whitelisted

4. Creation of Client-Id and Client-Secret

5. Creation of Username and Password

6. Call the E-invoice APIs

Application for IP Whitelisting

Enter Static IP Address: *
- 10.171.23.6
- 10.171.23.15
- 10.171.23.17
- 10.171.23.18

Test Report File Upload: *
Choose file   Browse
Test Report.pdf

Note: Files must be of Type: PDF(Size: Upto 1MB).

Submit   Exit

API Registration

DO you wish to Register your GSTIN for API Interface: ● Directly   ○ Through GSP

Username: Suresh_api

Password: ••••••••
Strong!

Re-enter Password: ••••••••

Submit   Exit

Integration for sister concern GSTIN

1. Take the Client-Id and Client-Secret from your company who has registered for API

2. Login to the e-Invoice Portal

3. Creation of Username and Password for the sister concern GSTIN

4. Call the E-invoice APIs

Integration through GSP

- Login to the e-invoice portal
- Select the GSP
- Creation of username and password
- Call the e-invoice APIs

API Registration

DO you wish to Register your GSTIN for API Interface: ○ Directly ● Through GSP

Select your GSP: BINARY SEMANTICS L ▾

Username: suresh_gsp

Password: ••••••••

Strong!

Re-enter Password: ••••••••

Submit Exit

You may register with more than 1 GSP to call the API

Tools in public domain

❖Verify e-Invoice by uploading signed JSON in portal

❖Verify QR Code using App which can be downloaded from the portal

Verify Signed Invoice

✔ **This is Digitally Signed Invoice**

Digital Signature Certificate Details

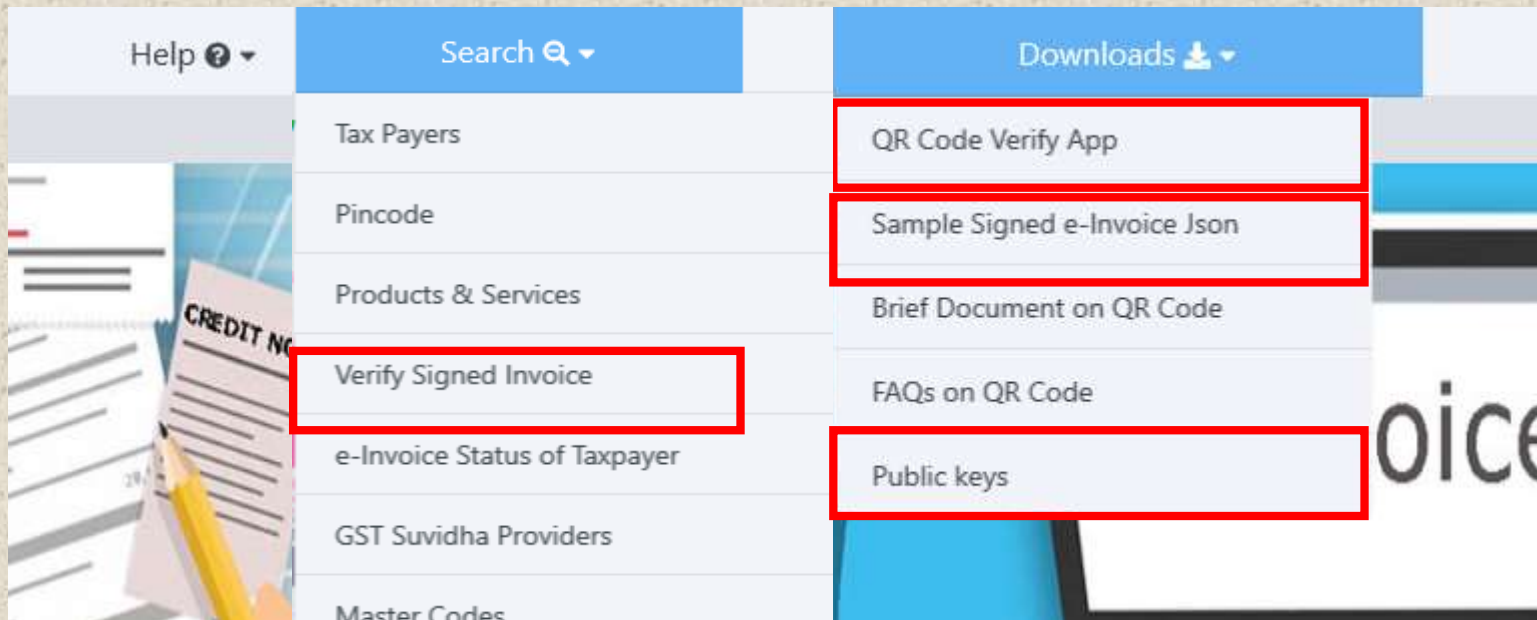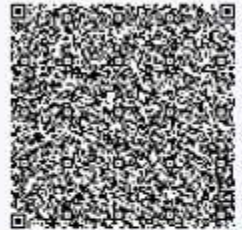| Issued To	DSC Valid From	DSC Valid To
NIC	9/12/2018 2:50:31 PM	9/12/2020 2:50:31 PM

Government of India
e-Invoice System

1.e-Invoice Details

IRN : afdcc32a0eaa3a054cffcd251884d3e3f4f726b75c8943e7d35fbabc82f05d8a	Ack. No : 112010000011474	Ack. Date : 05-08-2020 22:55:00

2.Transaction Details

Category : B2B	Document No : CTDN23456	IGST on INTRA : No
Document Type : Invoice	Document Date : 05-08-2020	

3.Party Details

Seller
GSTIN : 3_____0430M1KL
SRI LAKSHMI INDUSTRIAL PVT LTD
#123 , NETHAJI STREET GANDHI NAGAR
KURNOOL
518001 ANDHRA PRADESH
9030457736 lakshmi123@gmail.com

Purchaser
GSTIN : 03_____80M1KL
VARSHA
NO 123 AMEERPET
PUNJAB Place of Supply: PUNJAB
140118 PUNJAB
9066517875 varsha123@gmail.com

4.Goods Details

SlNo	Product Description	HSN Code	Quantity	Unit	Unit Price(Rs)	Discount(Rs)	Taxable Amount(Rs)	Tax Rate (GST+Cess | State Cess+Cess Non.Advol)	Other charges(Rs)	Total
1	ARTICLES FOR THE CONVEYANCE OR PACKING OF GOODS	39231010	150	BAG	100	50	14950	5.00+5.00| 0.00+0	100	16545

QR Code Verify App
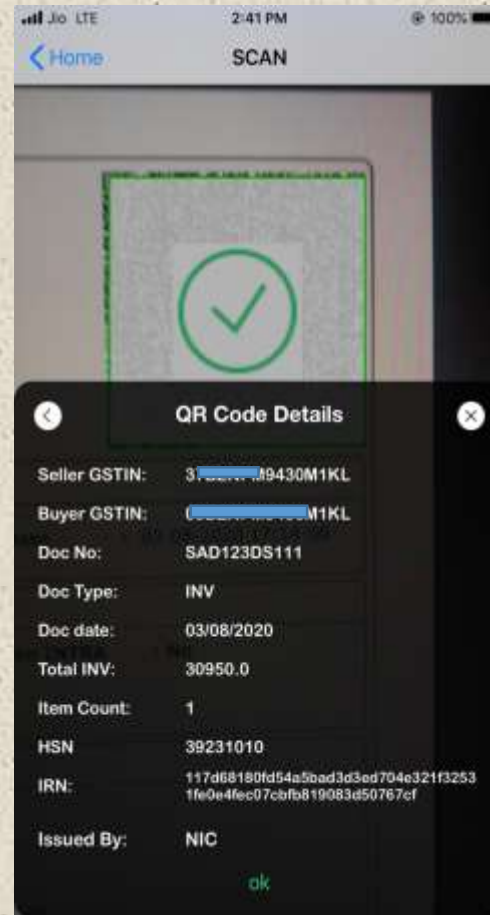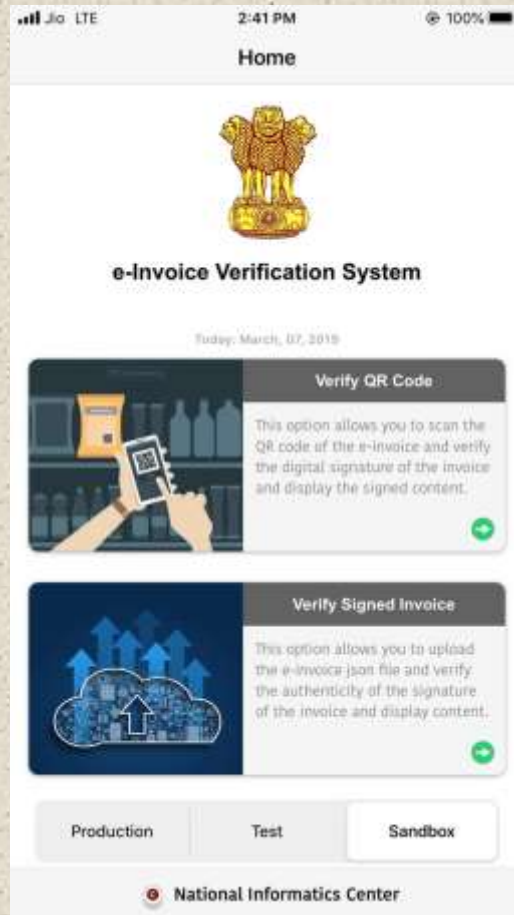
Thank you

📧 support.einv.api@gov.in, support.web.api@gov.in

🌐 https://einv-apisandbox.nic.in, https://einvoice1.gst.gov.in/

FAQs on e-invoicing

National Informatics Centre

FAQs

Q : In the e-invoice schema, the amount under 'other charges (item level)' is not part of taxable value. However, some charges to be shown in invoice are leviable to GST. How to mention them?

A : Such other charges (taxable) may be added as one more line item. For example, freight charges, insurance charges will have separate line entries.

Q : In the current schema, there is no provision to report details of supplies not covered under GST, e.g. a hotel wants to give single invoice for a B2B supply where the supply includes food and beverages (leviable to GST) and Alcoholic beverages (outside GST).

A : Ideally, for items outside GST levy, separate invoice may be given. Some businesses are following this.

Q : What is the maximum number of line items which can be reported in an invoice?

A : The limit is kept at 1000 presently. It will be enhanced based on requirement in future. Taxpayers who are required to report more than 1000 line items may contact NIC (support.einv.api@gov.in) so that necessary enablement can be made. If it is increased beyond 1000 items, then response will be delayed because of processing time taken for that.

Q : In case of Credit Note and Debit Note, is there any validation with respect to referred invoice number?

A : Presently, No linkage or validation is built with original invoice values for the credit note and debit note.

Q : Do I need to print QR Code on the invoice? If so, what shall be its size and location on the invoice copy?

While returning IRN, the IRP is also giving an IRN No, Acknowledgement No. and Date. Whether this also need to be printed while issuing invoice?

A : The QR code which comes as part of signed JSON from IRP, shall be extracted and placed on the invoice. Printing of QR code can be dene on any place on the invoice with any size, but it should be readable by standard mobile devices. QR code can not be printed on separate paper

Printing of IRN No, Acknowledgement No and Date, given by IRP, are optional and can be recorded in the ERP system for reference purpose.

Q : Do I need to print e-invoice as provided in the portal or can I have mine one.

A : Ideal, you need to have your invoice as you are preparing. This will have your logo and terms and conditions, etc. Only you need to print the QR code on it.

Q : Can I amend the details of a reported invoice for which IRN has already been generated?

A : Amendments are not possible, once IRN is generated on IRP. Any changes in the invoice details reported to IRP can be carried out on GST portal (while filing GSTR-1). However, these changes will be flagged to proper officer for information

Q : Is e-invoicing applicable for supplies by notified persons to Government Departments / PSUs? Or e-invoice is applicable for B2G transactions?

A : Government Departments / PSUs might have registered as regular GSTIN or TDS GSTIN. If the transaction is with TDS authority/ registration, then e-invoicing is necessary.

Q : Can e-commerce entities generate e-invoices on behalf of the sellers on their platforms?

A : Yes. E-Commerce Operators are allowed to generate the e-invoices on behalf of the suppliers.

Q : Is e-invoicing voluntary, that is, can entities with aggregate turnover les than Rs. 500 Cr. Allowed to generate e-invoices from IRP, if they wish to do so?

A : No, presently, only the notified class of persons will be allowed/enabled to generate e-invoices to IRP. In phased manner, other entities will be enabled for IRN generation

Q : In case of breakdown of internet connectivity in certain areas, will there be any relaxation for the requirement to obtain IRN?

A : The mechanism to provide relaxation in such contingent situations will be notified by government soon.

Q : TCS of Income Tax is not part of E invoice schema. Is it not required to be displayed in e-invoice? if so, how to pass these details.?

A : Clarification on this will be provided by Government soon.

Q : Who has to generate Reverse Charge Mechanism (RCM) invoices ?

A : RCM related invoices have to be generated by the supplier, not by recipient

- In case of B2B RCM invoices, the if the supplier is notified to generate the IRN, he will do so with RC flag in it, otherwise not required.
- In case of B2C RCM invoices or self invoices, then IRN need not have to be generated

Q : Whether B2C invoices can be reported to IRP for generation of IRN?

A : Reporting B2C invoices by notified persons is not allowed currently. Printing of dynamic code on B2C invoices is not be confused with B2B reporting.

Q : How to generate the QR code of B2C invoices as per the notification?

A : There is a separate notification issued by government for QR code generation for B2C invoices. Purpose of this is for enable digital payment by consumer. That's is separate process, not rated to e-invoicing.

Q : Can we use the same credentials to access e-Invoice and e-Way bill production?

A : Yes, Same credentials can be used in production. If you have credential for e-way bill, then that will also work for e-invoice. Otherwise, you can register freshly and create your user credentials.

Q : On e-invoice portal, IRN generation are failing because of minor variations in calculation. What should be done?

A : Calculation validations have been improved recently with tolerance limit for each one. Now, all types of transactions will be passed through.

Q : What is the time limit for generation of IRN

A : Previously, 24 hours time limit had been provided for generation of IRN after preparation of invoice by the tax payers.

Now, that validation has been removed based on demand of tax payers. IRN should be generated before issuing the invoice to the other party or movement of goods.

Q : The tax payers, who have crossed with aggregate Turnover of Rs 500 Crores, have not been enabled. What should they do?

A : The list of tax payers, who have been crossed with aggregate turnover of Rs. 500 Crores, have been identified by based on the turnover declared in GSTR3B for previous years.

The separate option is being provided on the portal for self-declaration by the tax payers, who have crossed with aggregate turnover of Rs. 500 Crores, to register and get enabled for e-invoicing system. It will be enabled in couple days.

Q : The tax payers, who have crossed with aggregate Turnover of Rs 500 Crores, have not been enabled. What should they do?

A : The list of tax payers, who have been crossed with aggregate turnover of Rs 500 Crores, have been identified by based on the turnover declared in GSTR3B for previous year.

 The separate option is being provided on the portal for self-declaration by the tax payers, who have crossed with aggregate turnover of Rs 500 Crores, to register and get enabled for e-invoicing system. It will be enabled in couple days.

Q : Can the taxpayer is allowed to generate IRN after EWB generation.

A : Ideally, First E-invoice/IRN has to be generated and then e-way bill.

On the same line if IRN has to be cancelled, first e-way bill has to cancelled and then IRN

Q : How to generate the e-way bill through API, when I don't have the distance between source and destination PINs?

A : E-Way Bill system has distance between all the postal PINs of India. If you send the distance as ZERO, then system considers it has request for auto calculated PIN-PIN distance and uses that generates the e-way bill.