



E-Invoice Integration



Highlights:

- ✓ Direct IRN generate from the Software
- ✓ Get Direct E-Way Bill Number in Sales Invoice
- ✓ Sales Order for Correction and Updates before IRN generation.
- ✓ GST API and Free E-invoice Json
- ✓ Enabled on Debit Note, Credit Note and Sale Invoice.

Prerequisite for Activation E-invoicing:

Enablement of E-invoicing

Login on <https://einvoice1.gst.gov.in/>

There is an option in the https://einvoice1.gst.gov.in portal under registration menu as 'e-Invoice Enablement'. Select and enter the any GSTIN of the company and get the OTP authenticated and enter the turnover with related financial year and submit. You are enabled for the e-invoicing and login and register.

Method of E- invoice Generation:

There are two modes/methods of e-invoice generation. First one is using the Manual (Json), Second one is using the API mode.

GridsonLab provides free e-invoice integration and you can use manual mode to generate e-invoice. But manual mode can lead to a lot of mistakes and can also be a cumbersome process for the company. Hence API mode is recommended for generating e-invoicing so that it is error free and streamlined.

Cost of Manual Mode Activation and API Mode Activation:

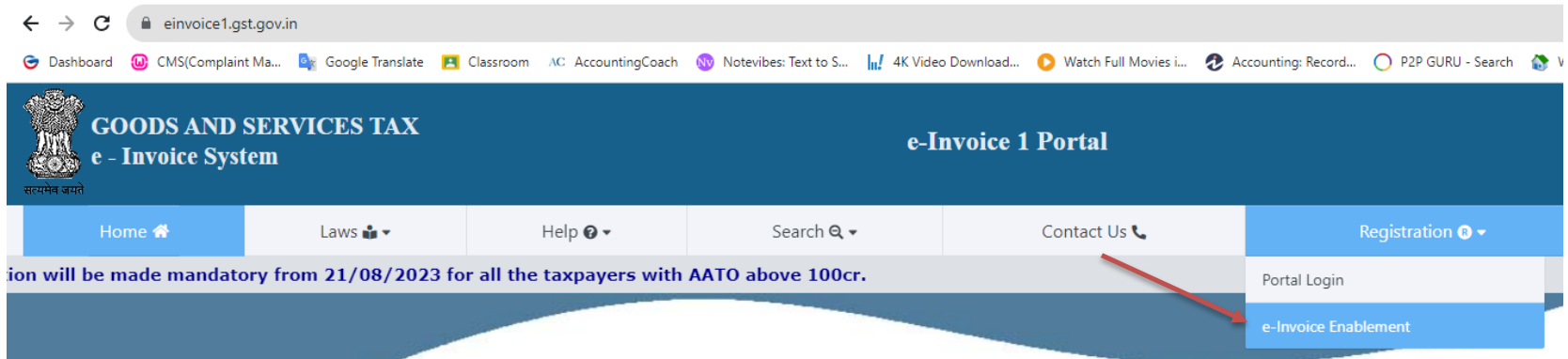
E-invoicing manual mode is free in all GridsonLab ERP software. For API mode, you need to buy E-invoice API. Please contact your Desk Helper for more information.

E-Invoice IRN

	Contents	Page
1	E-Invoice Registration on GST E-Invoice Portal	3
2	E-Invoice Manual Mode	4
	1.1 Enable E-Invoice Manual Mode	4
	1.2 Generate IRN by JSON File	4
	1.3 Upload E-Invoice JSON file on GST Portal	5
	1.4 Upload Signed JSON Code in a Invoice	7
	1.5 Format of E-Invoice API	9
	1.6 Credit Note IRN Manual Mode	9
	1.7 Debit Note IRN Manual Mode	10
2	E-Invoice API Mode	11
	2.1 Register API in E-Invoice Portal	11
	2.2 Configure E-invoice API Mode in Software	14
	2.3 Generate IRN by E-Invoice API	15
	2.4 Credit Note/ Debit note IRN by API Mode	15
	2.5 Cancel of E-Invoice / Debit Note / Credit note IRN	16
3	E-Way Bill Creation with E-Invoice	17

1. E-Invoice Registration on GST E-Invoice Portal

To register GSTN for E-Invoicing, open the link <https://einvoice1.gst.gov.in/>, click on the 'Registration' tab and open the e-Invoice Enablement as shown in the picture below.



Fill the form and register your GSTN as shown in the picture. After registration here, you can now make E-Invoice.



e-Invoice Enablement Form

GSTIN*: 23AAJCG7161L1ZC
EX@UP
CTST5
Go Exit

Applicant Name : GRIDSONLAB PRIVATE LIMITED
Trade Name : GRIDSONLAB PRIVATE LIMITED
Address Line 1 : 26
Address Line 2 : Rau
City : Indore
PIN : 452012
State : MADHYA PRADESH
Mail ID : *****DALI.CO@GMAIL.COM
Mobile : *****0520

I want to enable my GSTINs for e-Invoicing.

Send OTP

Enter OTP: | Verify OTP

1. E-Invoice Manual Mode

As you can generate e-invoice manually and automatically, in this article we will learn how to generate e-invoice manually.

1.1 Enable E-Invoice Manual Mode

To enable manual mode in the software, go to Dashboard – GSTR – Setting Select the option 'Enable with manual mode' and click on Update button at the bottom of the form.

Your 'E-invoice manual mode setup' is activated successfully.

Demo12345 (F.Y.2022-23) [Click here for Support](#) Welcome: Demo123 Exit

GST Setting

General Setting

- 1) Allow Interstate Purchase from "Un-Registered" Supplier [Enable Disable] Default value is Disable.
- 2) Allow to Change GST Filing Date in Sale/Income Voucher [Enable Disable] Default value is Disable.
- 3) Allow to Change GST ITC Date in Purchase/Expense Voucher [Enable Disable] Default value is Disable.
- 4) Allow to create Debtor / Creditor with same GSTIN [Enable in all A/C Head Enable in different A/C Head Disable] Default value is Disable.
- 5) CESS [Enable Disable] Default value is Disable.
- 6) Different GST rates for the same product [Enable Disable] (Recommended for Garment Retail business. Default value is 'Enable'.)
- 7) E-Invoice [Enable with Manual Mode Enable with API Mode Disable] Default value is Disable.
- 8) GSTR-2B Reconciliation. [Enable Disable] Default value is Enable.
- 9) Roughly TAX Analysis in GSTR-3B [Enable Disable] Default value is 'Disable'.

1.2 Generate IRN by JSON File

Now, create a sales invoice and you will get a pop-up window to download the e-invoice JSON as shown in this picture.

Download E-Invoice JSON file and on the next page we will learn how to upload E-Invoice JSON file on E-Invoice portal and get signed JSON.

Menu Demo12345 (F.Y.2022-23) [Click here for Support](#) Welcome: Demo123 Exit

Generate IRN

[Click here to open E-Invoice Portal](#) Exit

Page 1 show record 50 per page

S/N	Date	Voucher No.	Buyer	Shipped To	GST Type	Invoice Total	E-Invoice
1)	05-10-2022 07:36 pm	INV2223-7 Print Email WhatsApp	A P Traders (Supplier) : 2363 - Indore Type Registered	A P Traders (Supplier)	Local	25,000	Generate IRN through <input checked="" type="radio"/> Manual <input type="radio"/> API E-Way Bill Details <input type="checkbox"/> E-Invoice Json Json Data : <div style="border: 1px solid #ccc; height: 40px; width: 100%;"></div> Update E-Invoice

Page 1 show record 50 per page

1.3 Upload E-Invoice JSON file on GST Portal

To upload E-invoice JSON, login to <https://einvoice1.gst.gov.in> portal with your ID and Password, click on E-Challan - Bulk Upload, as shown in the image below.

The screenshot displays the GST e-Invoice portal dashboard. The header includes the Government of India logo, 'GOODS AND SERVICES TAX e - INVOICE SYSTEM', and the 'NATION TAX MARKET' logo. The user's GSTIN (27AAFFI3082D1ZL) and name (ISHA ENTERPRISES) are shown. A sidebar menu on the left contains options: e-Invoice, Bulk Upload (highlighted with a red arrow), Cancel, Print, and Bulk IRN Cancel. The main dashboard area features a 'Dash Board' with two summary cards: 'Generations' (Yesterday: 3, During This month: 536) and 'Cancelled' (Yesterday: 0, During This month: 14). A 'Notes:' section is visible at the bottom.

Upload JSON file that downloaded from the software.

The screenshot shows the 'Invoice Bulk Upload' page on the GST e-Invoice portal. The page title is 'Invoice Bulk Upload' and the sub-heading is 'Upload e-Invoice JSON File'. A form field for 'Upload e-Invoice JSON File (Less than 2 MB):' is shown with a 'Browse' button and an 'Upload' button. A red arrow points to the 'Upload' button. A tooltip 'No file chosen' is visible over the 'Upload' button. A note at the bottom states: '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.'

On successful uploading JSON file on the E-Invoice portal, you will get the below link to download the signed JSON file of your 'Sale Invoice' as showing in the picture. JSON file will get downloaded in zip format, you have to unzip that file.

Invoice Bulk Upload [*indicates mandatory fields for

Upload e-Invoice JSON File

Upload e-Invoice JSON File (Less than 2 MB): ? *

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 por

Uploaded File Contains

Total number of invoices in the file:	1
Total number of items in the file:	1
Invoices uploaded successfully :	1
Failed to upload:	0

Successfully Uploaded Invoice Details.

Sl. No	Invoice No	Invoice Date	Buyer GSTIN	Invoice Value	Ack No	Ack Date	IRN	EWB No./ If Any While Creating
1	HO-2223-	06/10/2022	27A1S289516C170	1054	122214287440245	06-10-2022	3be1b58e2ccc48e68e93397b905b8ecb5	

https://einvoice1.gst.gov.in/Invoice/ZipFileDownload © 2022 - Powered By National Inform

E-Invoice-HO-222...json TAX INVOICE (10).PDF TAX INVOICE (9).PDF TAX INVOICE (8).PDF TAX INVOICE (7).PDF

Open E Invoice IRN Generate Form in the software (You can find it on your Dashboard on Pending Tasks - Account & Banking) and paste all the content in JSON data field as shown in the picture below.

Generate IRN

Head Office : HO (3) API Balance : 46877 [Click here to open E-Invoice Portal](#) **Exit**

Finder

Voucher No.

Buyer

Date (Clear) From : To : microsoft

Page 1

S/N	Date	Voucher No.	Buyer	Shipped To	GST Type	Invoice Total	E-Invoice
1)	06-10-2022 03:02 pm	HO-2223-18214	ANAND INFOSYSTEMS (IP) : C125 - Pune	ANAND INFOSYSTEMS (IP)	Local	1,954	Generate IRN through Manual

E-Way Bill Details

E-Invoice Json

Json Data :

On clicking the 'Update E-Invoice' button, the manual e-Challan is now generated successfully as shown in the figure.

Generate IRN through Manual API

E-Way Bill Details

E-Invoice Json

Json Data :

1.5 Format of E-Invoice API

You will get this type of invoice print out in which QR code and IRN number is mentioned as shown in the image below

IRN: 3be1b58e2ccc48e68e93397b905b8ecb525e9316439d47c9c97558181bc6ebd4
ACK No.: 122214397449246 On Date:2022-10-06 15:04:00

TAX INVOICE *Original for Receipt (Page 1/1)*

DEMO COMPANY 56, main road near IT park, Mumbai - 41109 (Maharashtra) Support@democompany.com Mob: 987687791	Invoice No. :HO-2223-18214	Invoice Date : 06-10-2022
	P.O. No. : Challan No. : Bill Pay Status :Due 1,954 Bill Credit :0 Days Shipment : Delivery By :By Hand	P.O. Date : Pay. Mode : Salesman :Rohan Tulekar Branch :Head Office LR No. : , 06-10-2022
Buyer	Last Transaction: Payment pending by 30 Days. Last Invoice No.: HO-2223-18199 on DT: 06-10-2022, AMT: 37,290 Last Receipt No.: REC-HO2223-8578 By RTGS/NEFT/IMPS on DT: 26-08-2022, AMT: 46,610 Closing Balance : (Debit) 78,238 Old Balance = (Debit) 76,284	

1.6 Credit Note IRN Manual Mode

The entire process will be the same as described in the article E-Challan Manual Mode. To create a credit note, click on Dashboard - Vouchers - Credit Note. On generating a credit note, you will get an alert of 'Generate IRN' on the dashboard - Pending Tasks - Account & Banking, as shown in the figure below.

Reports

- Sale Book
- Revenue
- Profit On Sale
- Discount On Sale
- Delivery Challan Report
- Receipt Report

Pending Task

Sales & Marketing	Account & Banking
Sales Order : 1	E-Invoice (Generate IRN) : 5
	GSTR-2B Reconciliation : 5
	Non Paying Customers : 2

Legend: Stock (orange), Debtors (teal), Creditors (blue)

Open this link you will find an option to download credit note JSON

Menu Demo12345 (F.Y. 2022-23) Click here for Support Welcome: Demo123

Generate IRN

API Balance : 0 [Click here to open E-Invoice Portal](#) [Exit](#)

Finder

Voucher No.

Buyer

Date [Clear](#) From : To :

[Apply Filter](#) [Clear Filter](#)

Page show record per page

S/N	Date	Voucher No.	Buyer	Shipped To	GST Type	Invoice Total	E-Invoice
1)	09-10-2022 12:00 am	CN-2223-9	Supreme Computer : 2352 - Indore Type Registered		Local	2,00,000	Generate IRN through <input checked="" type="radio"/> Manual <input type="radio"/> API E-Invoice Json Json Data : <input type="text"/> Update E-Invoice Hide this Skip Permanent
2)	09-10-2022 12:00 am	DN-2223-3	A P Traders (Supplier) : 2363 - Indore Type Registered		Local	500	Generate IRN through <input type="radio"/> Manual <input checked="" type="radio"/> API Generate IRN Hide this Skip Permanent

1.7 Debit Note IRN Manual Mode

To generate Debit Note IRN, go to Dashboard - Vouchers - Click on Debit Note. On generating the debit note, you will get an alert of 'Generate IRN' on Dashboard - Pending Tasks - Accounts & Banking. On clicking 'Generate IRN' you will get the debit note generated by you, download the json file. The rest of the process is similar to Credit Note and Sales Invoice IRN creation.

2. E-Invoice API Mode

It is recommended that you must have E-Invoice API for error free working. E-invoice API automatically generates IRN in the sales invoice. To activate the 'e-Invoice API Mode' in the software, you need to register the API on the e-Invoice portal. First of all buy API from AccountGST and login to <https://einvoice1.gst.gov.in> with your id and password.

2.1 Register API in E-Invoice Portal

Login on <https://einvoice1.gst.gov.in> portal with your ID and Password, as shown in the image below.

GOODS AND SERVICES TAX
e - Invoice System

NATION TAX MARKET NIC National Informatics Centre

Home Laws Help Search Contact Us Registration Statistics Login

annual turnover more than Rs.20 crores from 01st April 2022.

GST E Way Bill System
(Self generated permit to move the goods, under GST law)

NIC GN

LATEST UPDATES
15 MAR • Registration and Login for taxpayers with TO Re 20-50 Crores is enabled

Click on API Registration



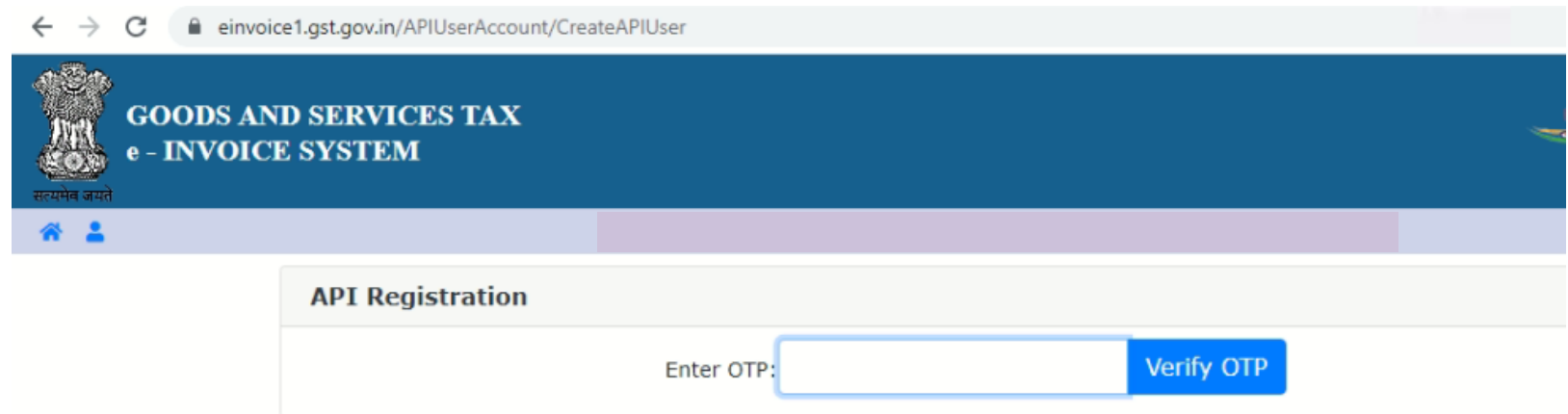
GOODS AND SERVICES TAX
e - INVOICE SYSTEM

e-Invoice MIS Reports User Management API Registration

Dasl

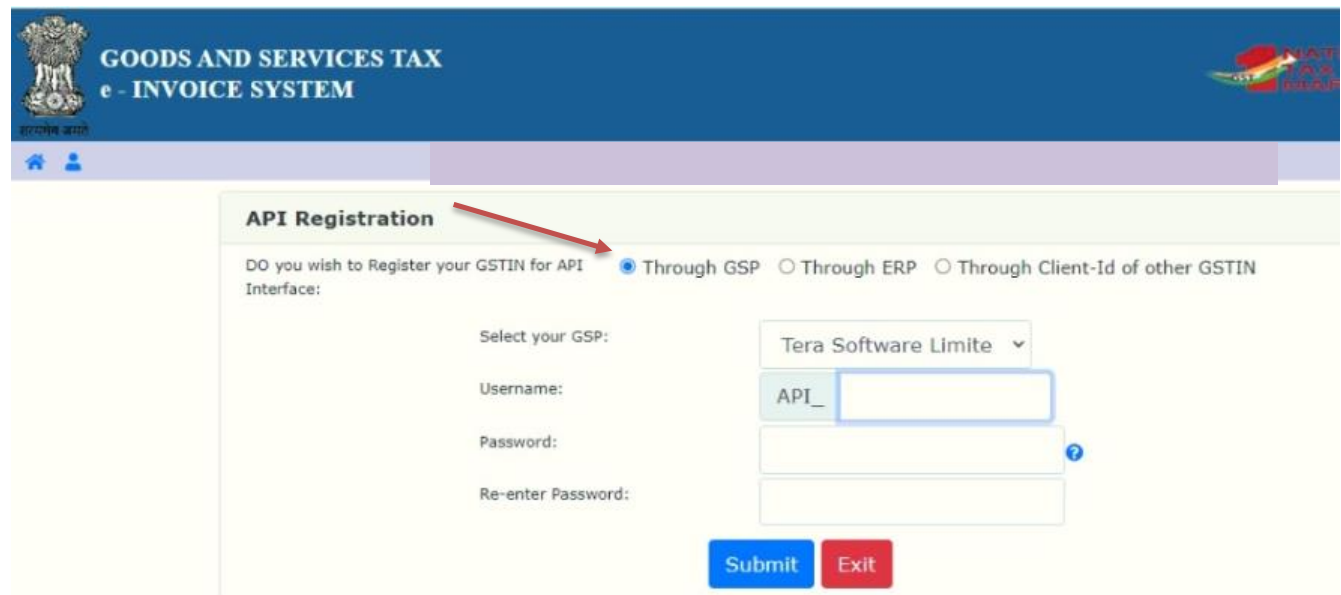
Generations	
Yesterday	0
During This month	0

On API registration page, enter OTP as shown in below picture.



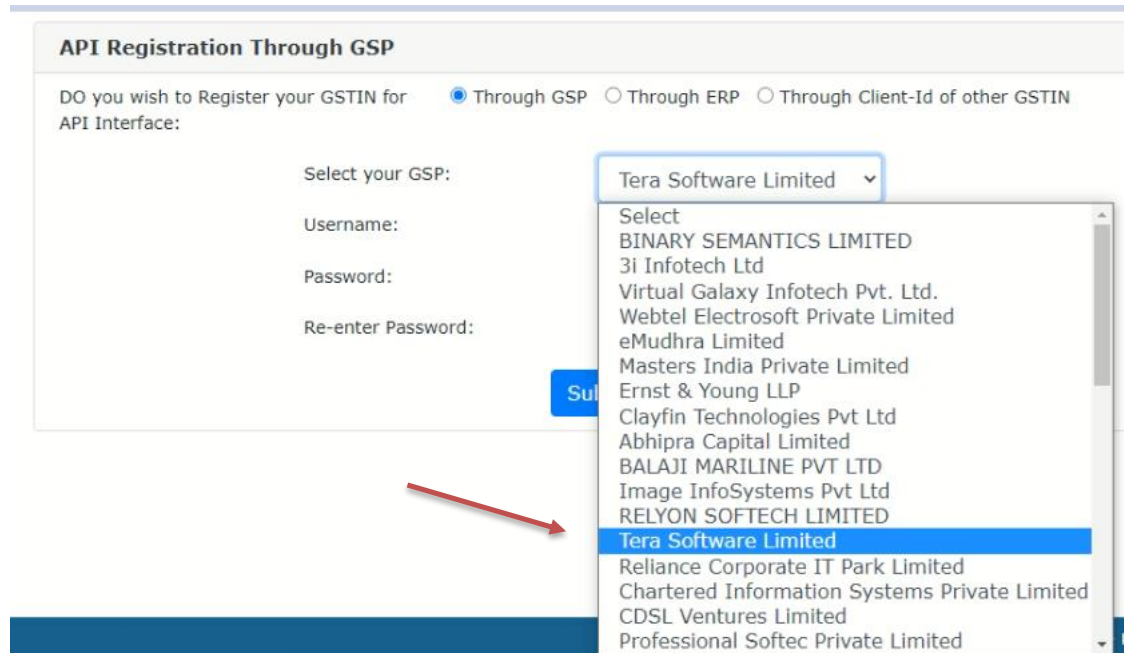
The screenshot shows a web browser window with the URL `einvoice1.gst.gov.in/APIUserAccount/CreateAPIUser`. The page header features the Government of India emblem and the text "GOODS AND SERVICES TAX e - INVOICE SYSTEM" with the motto "सत्यमेव जयते". Below the header, the "API Registration" section contains a form with the label "Enter OTP:" followed by a text input field and a blue "Verify OTP" button.

Now click on 'Through GSP' tab as shown in below picture, and choose 'Tera Software limited'



The screenshot shows the "API Registration" section of the page. A red arrow points to the "Through GSP" radio button, which is selected. Below this, there are three options: "Through GSP", "Through ERP", and "Through Client-Id of other GSTIN Interface:". Under "Through GSP", there is a dropdown menu for "Select your GSP:" with "Tera Software Limite" selected. Below this are input fields for "Username:" (containing "API_"), "Password:", and "Re-enter Password:". A blue "Submit" button and a red "Exit" button are at the bottom right. A small blue question mark icon is next to the password field.

In this section, we are taking GSP 'Tera Software Limited'. Please note that GSP can be replaced by GridsonLAB. You can confirm with your desk helper before doing configuration about proper GSP name.



API Registration Through GSP

DO you wish to Register your GSTIN for API Interface: Through GSP Through ERP Through Client-Id of other GSTIN

Select your GSP: Tera Software Limited

Username:

Password:

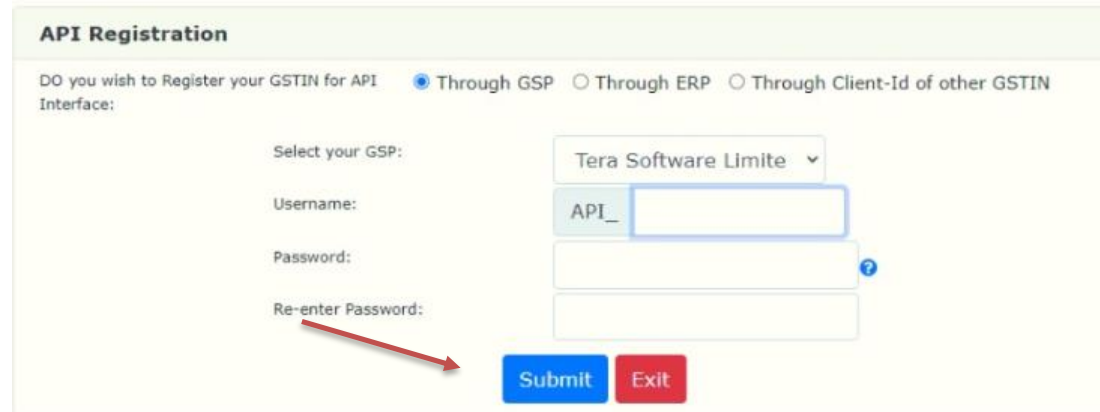
Re-enter Password:

Submit

- Select
- BINARY SEMANTICS LIMITED
- 3i Infotech Ltd
- Virtual Galaxy Infotech Pvt. Ltd.
- Webtel Electrosoft Private Limited
- eMudhra Limited
- Masters India Private Limited
- Ernst & Young LLP
- Clayfin Technologies Pvt Ltd
- Abhipra Capital Limited
- BALAJI MARILINE PVT LTD
- Image InfoSystems Pvt Ltd
- RELYON SOFTECH LIMITED
- Tera Software Limited**
- Reliance Corporate IT Park Limited
- Chartered Information Systems Private Limited
- CDSL Ventures Limited
- Professional Softec Private Limited

A red arrow points from the 'Submit' button to the 'Tera Software Limited' option in the dropdown menu.

Provide Username and Password and click on the 'Submit' button. A username and password will be created and you can copy into the software.



API Registration

DO you wish to Register your GSTIN for API Interface: Through GSP Through ERP Through Client-Id of other GSTIN

Select your GSP: Tera Software Limite

Username:

Password:

Re-enter Password:

Submit **Exit**

A red arrow points from the 'Re-enter Password' label to the 'Submit' button.

2.2 Configure E-invoice API Mode in Software

Login to ERP software, go to dashboard – GSTR – setting, select the option 'Enable with API mode'.

The Demo Company (F.Y.:2022-23) [Click here for S](#)

GST Setting

General Setting

- 1) Allow Interstate Purchase from "Un-Registered" Supplier [Enable Disable] Default value is Disable.
- 2) Allow to Change GST Filing Date in Sale/Income Voucher [Enable Disable] Default value is Disable.
- 3) Allow to Change GST ITC Date in Purchase/Expense Voucher [Enable Disable] Default value is Disable.
- 4) Allow to create Debtor / Creditor with same GSTIN [Enable in all A/C Head Enable in different A/C Head Disable]
- 5) CESS [Enable Disable] Default value is Disable.
- 6) Different GST rates for the same product [Enable Disable] (Recommended for Garment Retail business. Default value is 'Enable'.)
- 7) E-Invoice [Enable with Manual Mode Enable with API Mode Disable] Default value is Disable.
- 8) GSTR-2B Reconciliation. [Enable Disable] Default value is Enable.
- 9) Roughly TAX Analysis in GSTR-3B [Enable Disable] Default value is 'Disable'.
- 10) Stop creation / editing of GST effected Vouchers [Enable Disable] Default value is Disable.
- 11) Stop creation of Debtors / Creditors with wrong GSTIN [Enable Disable] Default value is Disable.
- 12) Stop editing in IRN generated vouchers. [Enable Disable] Default value is Enable.

GSTR-1 Setting

- 1) Don't Count Cancelled Invoices [Enable Disable] Default value is Disable.

RCM Applicable

Ask to your CA or Account Consultant. For below settings.

At the bottom, here enter the username - password that you have created on the e-challan portal and click on the 'Update' button. E-Challan API Mode has been activated successfully.

RCM Invoice Category & Threshold Limit

Ask to your CA or /

- 1) Default RCM Invoice Category [RCM ▼] For Generating Bill.
- 2) Reverse charge applicable, if purchases / expenses bills are greater than [0]
- 3) Stop purchases / expenses bills from URD, If amount greater than exempted

GST API User Credentials for GSTR

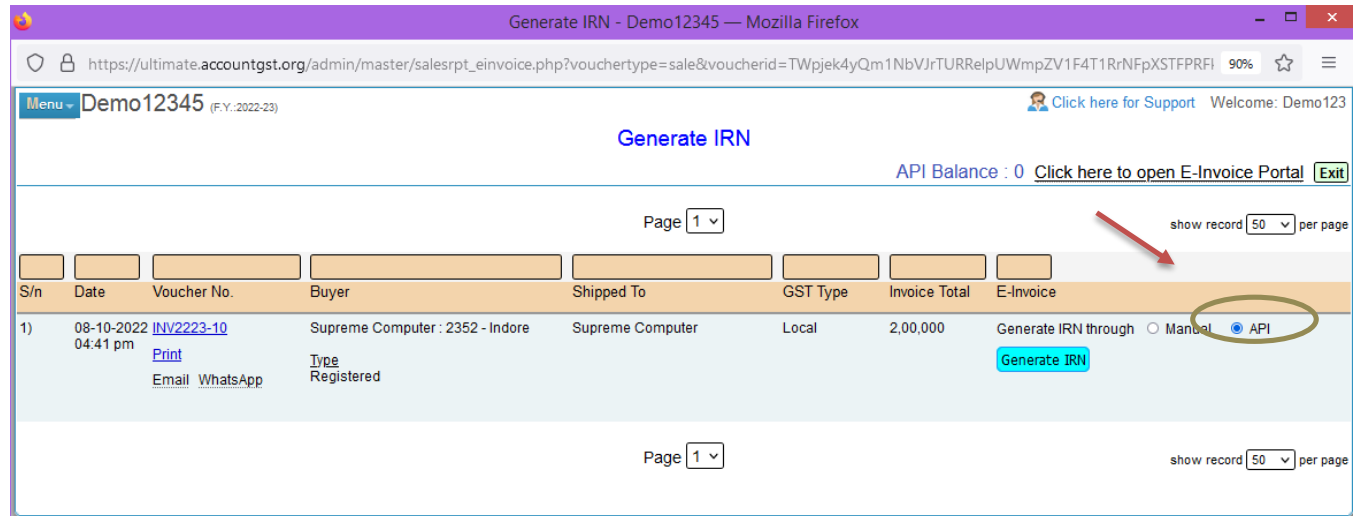
- 1) User Name :
- 2) Password :

GST API User Credentials for E-Invoice

- 1) User Name :
- 2) Password :

2.3 Generate IRN by E-Invoice API

On generating the invoice, you will get a pop window to generate IRN, select 'API' option and click on 'Generate API' button as shown in the figure below. The E-invoice will be printed directly from the software.

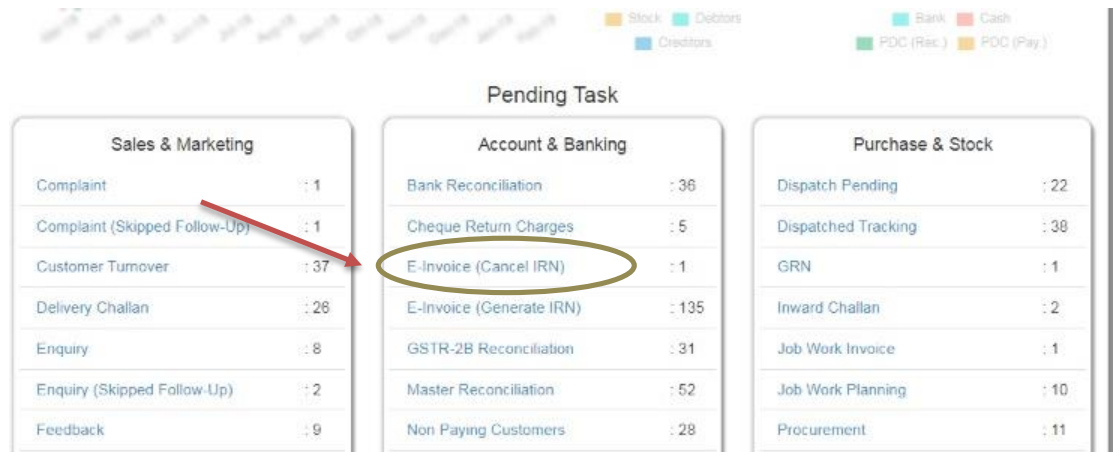


2.4 Credit Note/ Debit note IRN by API Mode

Creation of Credit Note and Debit Note IRN is similar to creation of 'e-Invoice IRN'. Create a Debit Note or Credit Note and you will find the same on Dashboard - Pending Tasks - Account & Banking - IRN Generate. Follow the same procedure as in e-Invoice IRN API mode to generate Debit Note / Credit Note IRN.

2.5 Cancel of E-Invoice / Debit Note / Credit note IRN

You can cancel the IRN of the e-invoice/debit note/credit note by deleting the voucher entry of that transaction. On deleting that transaction you will get 'IRN Canceled' on the dashboard as shown in the picture below.



Click on button 'Delete IRN'

S/N	Date	Voucher No.	Buyer	IRN No.	Ack No. & Date	
1)	07-10-2022 06:33 pm	HQ-INV2223-40 Print View Email WhatsApp	1 Batul Customer : B004 - Payakaraopet Type Registered	1 Batul Customer	Local	Cancel IRN through <input type="radio"/> Manual <input checked="" type="radio"/> API Cancel IRN Hide this

Page 1

show record 50 per page

3. E-Way Bill Creation with E-Invoice

If you have E-Invoice API, you can automatically get E-Way Bill from GST Portal, just pop the E-Way Bill below to get E-Invoice with your E-Way Bill Number Click on Up. To obtain the e-way bill number, click on the link 'e-way bill number' given in the sales voucher and fill in the three mandatory details i.e.,

The screenshot shows a 'Tax Invoice' form with the following fields and values:

- Menu: Demo12345 (F.Y.:2022-23)
- Click here for Support | Welcome: Demo123
- Enquiry
- Customer: [Field] Create New
- Shipped To: [Field]
- Address: [Field]
- GSTIN: [Field] PIN: [Field] POS: [Field]
- Sticky Notes [Edit]
- Invoice No.: auto
- Invoice Date: 08-10-2022
- P.O. No.: [Field] P.O. Date: dd-mm-yyyy
- Challan No.: [Field]
- Cont. Person: [Field] Cont. No.: [Field]
- Payment Mode: Credit
- Transporter: [Field] New
- L.R. Date: dd-mm-yyyy
- Salesman: [Field] New
- GST Type: Intrastate (CGST/SGST)
- Total QTY: 0
- Taxable: 0 GST: 0 Grand Total: 0
- L.R. No.: [Field] **E-Way Bill No.**

Del	Product & Service	Details	Quantity	Unit	Price Without GST	Price With GST	Disc %	Disc 2 %	Disc 3 %	Net Price	Taxable Amt	GST	GST Amt	Total
					0	0	0	0	0			0		ADD

1. Transaction Type

2. Transport Mode

3. Distance

and the rest are optional, you can leave it blank.

Note: To cancel E-Way bill number, you need E-Way bill API.

The dialog box for 'E-Way Bill No.' contains the following fields and options:

- Transaction Type: Regular
- Transport Mode: Road
- Distance: [Field] Map Pin Distance
- Vehicle No.: KA12KA1234 Type: [Field]
- E-Way Bill No.: [Field]
- Buttons: Save & Close, press Ctrl+B

At the bottom of the application window, there are additional options: Bill Credit [Field] DaYs [Field] Round Up Grand Total [checked] Send Notification [checked]. Buttons: SAVE, Clear, Press 'F10' to Save Invoice.

THANKS!

Developed by
GRIDSONLAB

Any questions?

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