

**GET VENDOR IRN DETAILS API
DOCUMENTATION FOR ERP INTEGRATION**

VERSION 1.0



Contents

URL	2
GET IRN VENDOR DETAILS USING REST API.....	3
REQUEST SCHEMA	4
RESPONSE SCHEMA.....	5
MASTER LIST	5

URL

UAT	URL
IRN Details	https://uat.logitax.in/eapi/v1/irn/irndetails

PRODUCTION	URL
IRN Details	https://app.logitax.in/eapi/v1/irn/irndetails

GET VENDOR IRN DETAILS API USING REST API-

This API accepts the request to get the details of the IRN generated by the vendor for the company. This API handles the request 2 different ways with mandatory parameters Clientcode, usercode, gstin.

- a. **Based on IRN:** In this option Parameter IRN is mandatory and data will be retrieved based on the IRN. This option is suitable when IRN is available with the user. In this case there is no need to send other parameters like (DocNo, DocDate, DocType, Ctin).
- b. **Based on Document Details:** In this option Parameter DocNo, DocDate, DocType, Ctin are mandatory and data will be retrieved based on these fields. This option is suitable when IRN is not available with the user. In this case there is no need to send another parameter IRN.

In response all the details of the Invoice generated by the vendor are received, in addition to the encrypted signed e-invoice and signed QR code, decrypted both signed e-invoice and signed QR code. User can use it to save the details at his end without worrying about the decryption.

Points to be noted:

1. This API gives the details of IRN generated not older than 6 months from the current Date and generated before 2 days from current Date.
2. If Option 2: **Based on Document Details** is used, then according to the GST Architecture it required min. 20 min to fetch the details, provided request for the document is new. In this case user has to wait and re-initiate the request.

Request and Response schema is explained as below

Request

Url	As per URL List
Method	POST
Content type	Application/json
Headers	
Authorization	Bearer <access_token_received_from_auth_api>
Body Parameters	
clientCode	String
userCode	String
Gstin	GST number [GSTIN Registered with LogiTax]
irn	IRN No (Alphanumeric with 64 characters)
Docno	Document no
Docdate	Doc Date
Doctype	Document type [Inv, CRN, DBN]
Ctin	GST number [For which IRN Information to be received]

Sample Request JSON

```
{
  "clientCode": "XXXX",
  "userCode": "XXXX",
  "gstIn": "XX7AALXX9172B1XX",
  "irn": " b354791aef239c017ace64b45559z0d82xdb1cf6059f098109a67be224591922a ",
  "docno": "710500515",
  "docdate": "30/10/2023",
  "doctype": "INV",
  "ctin": "09AAXXX1947K1XX"
}
```

Response

Content type	application/json	
HTTP Status Code	Description	Response body [Sample Value]
200	Success	<pre>{ "Status": 1, "DocNo": "710500515", "DocDt": "30/10/2023", "DocTyp": "INV", "Ctin": "09AAXXX1947K1XX", "AckNo": "172xx3854250xx184", "AckDt": "2023-10-30 17:36:00", "Irn": "b354791aef23x017acx64b4 5559z0d82441cf6059f098109a67be224591922a", "SignedInvoice": "eyJhbGciOiJSUzI1NiIsImtpZCI6IjI4RDYzRUNCN ThFQTVFNkY0QUFDM0Q1MjQ1NDNCMjI0NjY2 OUlwRjgiLCJ4NXQiOiJ1TlkteTFqcVhtOUtyRDFTU lVPeUpHWnBzUGciLCJ0eXAiOiJKV1QiLCJ0eXN0 ODQsXCJBZy2tEdFwiOlwiMjAyMy0xMS0zMCAxN zozNjowMFwiLFwiSXJuXCI6XCI3NTllMjdmMWQ 4OTc0NGJjNDg2NTFkMTczNTY2ZTFjYjIxZjc5YT NmMWFhZTg1ZTVmNjIyNjYyYmIwMTRjNTZkX CIsXCJWZXJzaW9uXCI6XCI6XCI3NTllMjdmMWQ dGxzXCI6e1wiVGF4U2NoXCI6XCI3NTllMjdmMWQ cFR5cFwiOlwiQjJJCXCI6XCI3NTllMjdmMWQ 0sXCJEb2NEdGxzXCI6e1wiVHlwXCI6XCI3NTllMjdmMWQ cIkl5vXCI6XCI3MTA4MDA1MTVclixcllR0XCI6X CIzMC8xMS8yMDIzXCI6XCI3NTllMjdmMWQ wiOntclkdzdGluXCI6XCIwOEFBQUJlR0XCI6X WkRclixcllR0XCI6XCI3NTllMjdmMWQ W5kdXN0cmllc1wiLFwiVHJkTm1cljpcIlRoeXNzZ </pre>

		W5LcnVwcCBJbmR1c3RyaWVzXCI5XCJBZGRyM VwiOlwiQ2hldG5hIEJoYXdhbjM4XCI5XCJMb2NcIj pcIkNoaXR0b3JnYXJoXCI5XCJQaW5cIjozMtI2M DksXCJTdGNkXCI6XCI4XCJ9LFWiQnV5ZXJEdGx zXCI6e1wiR3N0aW5cIjpcIjI3QUFBQ0sxOTQ3SzFa RFwiLFwiTGdsTm1cIjpcInRoeXNzZW5rcnVwcCBJ bmR1c3RyaWVzIEluZGhIFB2dC5MdGQuXCI5XCJ Qb3NcIjpcIjI3XCI5XCJBZGRyMVwiOlwiUGltcHJp XCI5XCJBZGRyMlwiOlwiUHVuZVwiLFwiTG9jXC I6XCJQdW5lXCI5XCJQaW5cIjo0MTEwMTgsXCJT dGNkXCI6XCIyN1wifSxcIkRpc3BEdGxzXCI6e1wi Tm1cIjpcInRoeXNzZW5rcnVwcCBJbmR1c3RyaWV zIEluZGhIFB2dC4gTHRkLlwiLFwiQWRkcjFcljpcI kNISElUT1JHJVJlXCI5XCJBZGRyMlwiOlwiQ0hF VE5BIEJlQVdBtAzOFwiLFwiTG9jXCI6XCJDSEh JVE9SR0FSSFWiLFwiUGluXCI6MzEyMDAxLFwiU 3RjZFwiOlwiOFwifSxcIlNoaXBEdGxzXCI6e1wiR3 N0aW5cIjpcIjI3QUFBQ0sxOTQ3SzFaRFwiLFwiTG dsTm1cIjpcInRoeXNzZW5rcnVwcCBJbmR1c3RyaW VzIEluZGhIFB2dC4gTHRkLlwiLFwiQWRkcjFcljpcI IkdLZXRhchVYyYW0gRG9sdmkgUGVuXCI5XCJMb 2NcIjpcIlJhaWdhZFwiLFwiUGluXCI6NDAYMTA3L FwiU3RjZFwiOlwiMjdcIn0sXCJJdGVtTGldZFwiOlt 7XCJJdGVtTm9cIjowLFwiU2xOb1wiOlwiMTBclixc IklzU2VydmNcIjpcIk5cIixcIlByZERlc2NcIjpcIkNIQ UOIIFBVTEExFWSBCTE9DSyBDQVAgNVQgTEgg MTBNVFJTlXCI5XCJlC25DZFwiOlwiODQyNTEwM TBclixcIlF0eVwiOjluMDAwLFwiRnJlZVF0eVwiOj AuMDAwLFwiVW5pdFwiOlwiTk9TXCI5XCJlVbml 0UHJpY2VcIjoxNTAwMC4wMDAsXCJU3R3BbXR cIjozMdAwMC4wMCxcIkRpc2NvdW50XCI6MC4w MCxcIlByZVRheFZhbfwiOjAuMDAsXCJBc3NBbX RcljozMdAwMC4wMCxcIkdzdFJ0XCI6MTguMDA sXCJJZ3N0QW10XCI6NTQwMC4wMCxcIkNnc3R BbXRcIjowLjAwLFwiU2dZdEFtdFwiOjAuMDAsXC JDZXNSdFwiOjAuMDAsXCJDZXNBbXRcIjowLjA wLFwiQ2VzTm9uQWR2bEFtdFwiOjAuMDAsXCJT dGF0ZUNlc1J0XCI6MC4wMCxcIlN0YXRlQ2VzQ W10XCI6MC4wMCxcIlN0YXRlQ2VzTm9uQWR2b EFtdFwiOjAuMDAsXCJPdGhDaHJnXCI6MC4wMC xcIlRvdEl0ZW1WYWxcIjozMtQwMC4wMCxcIk9y ZExpbmVSZWZcIjpcIjAuMdBcIn1dLFwiVmFsRH Rsc1wiOntcIkFzc1ZhbFwiOjMwMDAwLjAwLFwiQ 2dZdFZhbfwiOjAuMDAsXCJTZ3N0VmFsXCI6MC 4wMCxcIklnC3RWYWxcIjo1NDALjAwLFwiQ2Vz VmFsXCI6MC4wMCxcIlN0Q2VzVmFsXCI6MC4w MCxcIkRpc2NvdW50XCI6MC4wMCxcIk90aENocm dcIjowLjAwLFwiUm5kT2ZmQW10XCI6MC4wMC xcIlRvdEludlZhbFwiOjM1NDALjAwLFwiVG90S W52VmFsRmNcIjowLjAwfSxcIlBheUR0bHNcIjpc7X CJObVwiOlwiVEhZU1NFTktSVVBQIElORFVTVFJ
--	--	--

	JRVMgSU5ESUEgUFZUIExURFwiLFwiQWNjRGV0XCI6XCIwMDA1MDUwMDM4MDJcliclK1vZGVclJpcIkNhc2ggXCIsXCJGaW5JbnNCclwiOlwiSUNJQzAwMDAwMDVclixclKnyRGF5XCI6MH0sXCJFehHBEdGxzXCI6e1wiUmVmQ2xtXCI6XCJOXCIsXCJGb3JDdXJcIjpcIkOUlwiLFwiQ250Q29kZWwiOlwiSU5cIn0sXCJFd2JEdGxzXCI6e1wiVHJhbnNJZFwiOlwiMjdBQUJDQzIyODlCMVpZXCIsXCJUcmFuc05hbWVclJpcIkNPTIRJTkVOVEFMIFRSQU5TUE9SVCBPukdBTKlTQVRJT04gUFZULlwiLFwiVHJhbnNNb2RlXCI6XCIxXCIsXCJEaXN0YW5jZVwiOjAsXCJWZWwhOb1wiOlwiUkozMkdCNTk0N1wiLFwiVmVoVHlwZVwiOlwiUlwiX0iLCJpc3MiOiJOSUMifQ.RONbNdUcXg_Wz_UW0WPM-J5ap0Bhs8XXqzBY3ZWloZe4gpJ0dYWgRfSpnGLCzSDRgvReXgAdgxs5ko_4zg3Q_ytrUs9Qh-dqOcXTmF97olGukYNfdT0Xn2abYqJGx5x9UdF_gZ2aMj-zwPcpxiOn2A6dTWuZdiXqV7Uqk9gULlNeAc7vZkD5BxXNTZZWKOo8W2oklo76_KzTb_Td5Bvhv6vZDZDxG_U7IP55Q4DK9OqbfBXy8rfA3M-5PvKW9pr_0ciMS-EPwIF0LBLqy27kQ9D7ENvIzAxIhPkhz2jIEWtal5iXDIKnJAa6w2hJyQmThlhHqHZA6GPG48UZ6eUMQ", "SignedQRCode": "eyJhbGciOiJSUzI1NiIsImtpZCI6Ikl4RDYzRUNCNThFQTVFNkY0QUFDM0Q1MjQ1NDNCMjI0NjY2OUlwiRjgiLCJ4NXQiOiJ1TlkteTFqcVhtOUtyRDFTUIVPeUpHWNBzUGciLCJ0eXAiOiJKV1QiOiJkYXJhIjoie1wiU2VsbGVyR3N0aW5cIjpcIjA4QUFBQ0sxOTQ3SzFaRfwiLFwiQnV5ZSJHc3RpbWwiOlwiMjdBQUFDSzE5NDdLMVpEXCIsXCJEb2NOb1wiOlwiNzEwODAwNTE1XCIsXCJEb2NUeXBclJpcIkOUlwiLFwiRG9jRHRclJpcIjMwLzExLzIwMjNclixcllRvdEludlZhbFwiOjM1NDAwLjAxLFwiSXRlbUNudFwiOjEsXCJNYWluSHNuQ29kZWwiOlwiODQyNTExMTBclixclKlyblwiOlwiNzU5ZTI3ZjFkODk3NDRIYzQ4NjUxZDE3MzU2NmUxY2IyMWY3OWEzZjFhYWU4NWU1ZjYyMjdlYmJiMDE0YzU2ZFwiLFwiSXJuRHRclJpcIjIwMxstMTEtMzAgMTc6MzY6MDBCIn0iLCJpc3MiOiJOSUMifQ.VDlxJqo9Falx4MMx3wObbjIIIXy6RF-pw-OS5NOro_fJ8NZF2f3pmIoaaRK6oTMNv_1la9OEevf5auCafs-FDZ0AE-oez7SA9F5YmCgyE6DE4oCTmkNJ--IQ6O4ijERyVFA5W8J-8fmUnAHfOmPWR0azkZoRsIw0RhiE8Dlp_poSu7k74DLqKtmvWlDcGWwL3b2O496aaaB-OdaB55DcWBfPPFct3PB27rWGUt6o2wL6IWDow_oxfoxqokuiJV26qDAGCeprPK2vPZLNpZYxfHbwpS
--	---

		kog3UKNVZFdlNviyOqVisquuRp59hCPwC1HIAIG UNDD-Nebnrsej5qQ3qw", "DecrySignedInvoice": "{"AckNo\":"XXXXX","AckDt\":"2023-11-30 17:36:00","Irn\":" b354791aef239c017ace64 b45559z0d82441cf6059f098109a67be224591922a ","Version\":"1.1","TranDtls\":{"TaxSch\":"GST\ ","SupTyp\":"B2B","RegRev\":"N"},"DocDtls\ {"Typ\":"INV","No\":"710800515","Dt\":"30/11 /2023"},"SellerDtls\":{"Gstin\":" XX7AALXX917 2B1XX ","LglNm\":"XXX Industries","TrdNm\":"XXX Industries","Addr1\":"Chetna Bhawan38","Loc\":"Chittorgarh","Pin\":"312609"," Stcd\":"8"},"BuyerDtls\":{"Gstin\":"XXXXAACK1 586XXXX","LglNm\":"NIC Testing India Pvt.Ltd.,"Pos\":"27","Addr1\":"Pimpri","Addr2\ ":"Pune","Loc\":"Pune","Pin\":"411018","Stcd\":"2 7"},"DispDtls\":{"Nm\":"NIC Testing India Pvt. Ltd.,"Addr1\":"XXXX","Addr2\":"CHETNA BHAWAN 38","Loc\":"CHHITORGARH","Pin\":"312001","St cd\":"8"},"ShipDtls\":{"Gstin\":" XXXXAACK1586XXXX ","LglNm\":"NIC Testing India Pvt. Ltd.,"Addr1\":"XXXX Dolvi Pen","Loc\":"Raigad","Pin\":"402107","Stcd\":"27\ "},"ItemList\":[{"ItemNo\":"0","Sln\":"10","IsSer vc\":"N","PrdDesc\":"XXXXX PULLEY XXXXX CAP 5T LH 10MTRS","HsnCd\":"84251110","Qty\":"2.000","Fr eeQty\":"0.000","Unit\":"NOS","UnitPrice\":"15000.0 00","TotAmt\":"30000.00","Discount\":"0.00","PreTaxV al\":"0.00","AssAmt\":"30000.00","GstRt\":"18.00","Ig stAmt\":"5400.00","CgstAmt\":"0.00","SgstAmt\":"0.00"," CesRt\":"0.00","CesAmt\":"0.00","CesNonAdvlAmt\":"0. 00","StateCesRt\":"0.00","StateCesAmt\":"0.00","StateC esNonAdvlAmt\":"0.00","OthChrg\":"0.00","TotItemVal ":35400.00,"OrdLineRef\":"0.00"}],"ValDtls\":{" AssVal\":"30000.00","CgstVal\":"0.00","SgstVal\":"0.00"," Ig stVal\":"5400.00","CesVal\":"0.00","StCesVal\":"0.00, ","Discount\":"0.00","OthChrg\":"0.00","RndOffAmt\":"0. 00","TotInvVal\":"35400.00","TotInvValFc\":"0.00"},"P ayDtls\":{"Nm\":"NIC TESTING INDIA PVT LTD","AccDet\":"000505003802","Mode\":"Cash ","FinInsBr\":"ICIC0000005","CrDay\":"0","ExpD tls\":{"RefClm\":"N","ForCur\":"INR","CntCode\ ":"IN"},"EwbDtls\":{"TransId\":" XXXXAACK1586XXXX","TransName\":"XXXX TRANSPORT ORGANISATION PVT.,"TransMode\":"1","Distance\":"0","VehNo\ ":"RJ32GB5947","VehType\":"R"}},
--	--	---

		<pre> "DecrySignedQRCode": "{ \"SellerGstin\": \" XXXXAACK1586XXXX \", \"BuyerGstin\": \" XXXXAACK1586XXXX \", \"DocNo\": \"710800515\", \"DocTyp\": \"INV\", \"Do cDt\": \"30/11/2023\", \"TotInvVal\": 35400.00, \"ItemC nt\": 1, \"MainHsnCode\": \"84251110\", \"Irn\": \" b354791aef239c017ace64bx59z0d82441cf6059f09 8109a67be224591922a \", \"IrnDt\": \"2023-11-30 17:36:00\" }", "IrnStatus": "ACT", "EwbNo": "", "EwbDt": "", "EwbValidTill": "", "Remarks": "", "Cnldt": "", "CnlRsn": "", "CnlRem": "", "RequestDate": "2024-01-17 15:17:24" } </pre>
200	Success	<pre> { { "Status": 0, "Error": { "error_cd": "EINV30117", "error_desc": "Invalid IRN" } }, { "Status": 0, "Error": { "error_cd": "EINV30118", "error_desc": "No record found." } }, { "Status": 0, "Error": [{ "error_cd": "LT1028", "error_desc": "{irn} paramter is missing" }] }, { "Status": 0, "Error": { "error_cd": "EINV30119", "error_desc": "Please enter an IRN which is not older than six months." } } } </pre>

200	Success This is required created at 06-Jan-2024 17:08	<pre> { { "Status": 0, "Error": [{ "error_cd": "LT1035", "error_desc": "We are processing your request,Please retry after 06-Jun-2024 17:30:27." }] } </pre>
-----	---	--

400	Invalid or missing input parameters	<pre> { "Error": [{ "error_cd": "LT1001", "error_desc": "GSTIN is not registered On LogiTax" }, { "error_cd": "LT1003", "error_desc": "Invalid client code" }, { "error_cd": "LT1002", "error_desc": "Invalid user code" },] } </pre>
500	Error	<pre> { "type": "https://tools.ietf.org/html/rfc7231#section- 6.6.1", "title": "An error occurred while processing your re quest.", "status": 500, "detail": <ERROR_DETAILS_HERE>, "traceId": "00- 52ada275bcb9444b88906f1abe4a46ab- cc7ddbd4dea61b4e-00" } </pre>

REQUEST SCHEMA

SR NO.	JSON FIELD NAME	MANDATORY/ OPTIONAL	DATA TYPE	FIELD TYPE/PATTERN	SAMPLE DATA	VALIDATION
1	Client Code	Mandatory	String (Max length: 10)	Free Text	Af5Gt	
2	User Code	Mandatory	String (Max length: 50)	Free Text	LOGIBRIC KS	
3	gstn	Mandatory	String (Max length: 15)	"([0-9]{2}[0-9A-Z]{13})"	XXXXAACK15 86XXXX	([0-9]{2}[0-9A-Z]{13})
4	irn	Mandatory	Alpha numeric with 64 characters	Free Text	b354791aef23 9c017ace64 b45559z0d824 41cf6xxx59f0 98109a67be22 4591922a	
5	docno	Conditional Mandatory	String (Min: 1, Max: 16)	Free text.	710800515	This is mandatory if the field irn is not provided.
6	docdate	Conditional Mandatory	String (Min: 10, Max: 10)	Format 'dd-mm-yyyy'	"30/10/2023"	This is mandatory if the field irn is not provided.
7	doctype	Conditional Mandatory	String (Min: 3, Max: 7)	Document Type from the list	'INV'	1. This is mandatory if the field irn is not provided. 2. Value should be any one from [a. INV b. DBN c. CRN]
8	ctin	Conditional Mandatory	String (Max length: 15)	"([0-9]{2}[0-9A-Z]{13})"	XXXXAACK15 86XXXX	([0-9]{2}[0-9A-Z]{13})

RESPONSE SCHEMA

SR NO.	JSON FIELD NAME	DESCRIPTION	DATA TYPE
1	Status	API Execution status with values 0 and 1, 0 = Error/fail 1 = Success ,0=Error	String (Min:1)
2	Error	List of Array - Field Wise Error List	Numeric
2.1	error_Code	Error Codes	String (Min: 1, Max: 16)
2.2	Message	Error description as per validation applied	String (Max(1000))
3	DocNo	Document Number	String (Min: 1, Max: 16)
4	DocDt	Document Date	String (Min: 10, Max: 10)
5	DoTyp	Document Type [INV/DBN/CRN]	String (Min: 3, Max: 7)
6	Ctin	Vendor GSTIN	String (Min: 3, Max: 7)
7	AckNo	Acknowledgment Number	Number
8	AckDt	Acknowledgment Date - Date and time on which invoice is registered	String (yyyy-MM-dd HH:mm:ss)
9	Irn	IRN number	Alphanumeric with 64 characters
10	SignedInvoice	Complete e-Invoice data digitally signed using JSON Web Token (JWT) and JSON Web Signature (JWS) with "SHA256RSA" algorithm	String
11	SignedQRCode	Complete QR- Code data digitally signed using JSON Web Token (JWT) and JSON Web Signature (JWS) with "SHA256RSA" algorithm	String
12	DecrySignedInvoice	Complete e-Invoice data in decrypted format	String
13	DecrySignedQRCode	Complete QR- Code data in decrypted format	String
14	IrnStatus	IRN Status	String (ACT/CNL)
15	EwbNo	E Way Bill No., if E Way Bill is generated	String (Max (1000))
16	EwbDt	E Way Bill Date., if E Way Bill is generated	String (yyyy-MM-dd HH:mm:ss)
17	EwbValidTill	E Way Bill validity date, if Part B details are provided in the payload	String (yyyy-MM-dd HH:mm:ss)
18	Remarks	Remark/ Note	String

19	Cnldt	IRN Cancellation Date	String (yyyy-MM-dd HH:mm:ss)
20	CnlRsn	Cancellation reason	String
21	CnlRem	Cancellation remarks	String
22	RequestDate	IRN Details request Date and Time	String (yyyy-MM-dd HH:mm:ss)

MASTER LIST

Error Code: <https://docs.logitax.in/#> - Error Codes