



# **PRONTO TRACKERFE CUSTOMER PORTAL – API TECHNICAL SPECIFICATION**

Version 3.1

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## Document Revision History

Revision	Date	Revised By	Revision Details
1.0	11/09/2020	VH	Initial document
2.0	10/10/2020	VH	Add UAT Environment details. Add Request validation section. Add Table of contents. Modify Request Header sections of methods.
3.0	29/10/2020	VH	Add sample Postman collection download link. Modify UAT Environment Links. Modify UAT Environment Request Validation parameters. Modify description of 4.5. Method - tno.insert.
3.1	04/01/2020	VH	Updated 5.2. Tracking Number Status Codes table.

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## 1. Introduction

### 1.1. System Overview

This document provides comprehensive details of API integration with Pronto Lanka (Pvt) Ltd. Customer Portal.

## 2. API Development Details

### 2.1. Recommended System Environments

**Development tools** – Microsoft Visual Studio, NetBeans

**Development Language** – ASP.Net C#, PHP, J#, HTML5

**Database:** Microsoft SQL Server, MySQL, Oracle

### 3. Pronto API Webservice Request Validation

Each web request validates based on basic authentication and request header.

Validation	Property	Value	
		UAT	Live
Basic Authentication	Username	apiuatuser	
	Password	F7xJ#uj.	
Request Header	Authorization	Basic YXBpdWF0dXNlcjpGN3hKI3VqLg==	

*Note: Customer is required to complete the Pronto Lanka (Pvt) Ltd customer registration process to obtain access for Live environment. For more information regarding the customer registration process please contact Pronto Lanka (Pvt) Ltd - Marketing Department.*

## 4. Methods

### 4.1. Method - tno.request

Description	Request a new Tracking Number	
URL - UAT	https://uat-api.prontolanka.lk:18443/PR_API.aspx?method=tno.request	
URL - Live	https://www.prontolanka.lk/PR_API.aspx?method=tno.request	
Method	POST	
Request Header	<ul style="list-style-type: none"><li>Authorization: &lt;Specified in Pronto API Webservice Request Validation Section&gt;</li><li>Content-Type: JSON</li></ul>	
Parameters	<ul style="list-style-type: none"><li>Parameter Type: Request Body – Row</li><li>Format: JSON</li><li>Legend:<ul style="list-style-type: none"><li>* - Property Value Required</li></ul></li></ul>	
Parameter Sample		
<pre>{  "request": "tno.request",  "data":    {      *"tno_code" : "2",      *"customer_code" : "A001"    } }</pre>		1 for non COD Tracking No., 2 for COD Tracking No. Your customer code
Output Sample		
<pre>{  "emp_trackingno": {    "tno": "COD0000001"  } }</pre>		Next available Tracking Number  <i>Note: - Ones a Tracking Number issued from Pronto API, it will be marked as an used Tracking Number and it will not re-issue to client side regardless of whether client has used it or not.</i>

#### 4.2. Method - calc.method

Description	Request billing charging methods defined under your account.	
URL - UAT	https://uat-api.prontolanka.lk:18443/PR_API.aspx?method=calc.method	
URL - Live	https://www.prontolanka.lk/PR_API.aspx?method=calc.method	
Method	POST	
Request Header	<ul style="list-style-type: none"><li>Authorization: &lt;Specified in Pronto API Webservice Request Validation Section&gt;</li><li>Content-Type: JSON</li></ul>	
Parameters	<ul style="list-style-type: none"><li>Parameter Type: Request Body – Row</li><li>Format: JSON</li><li>Legend:<ul style="list-style-type: none"><li>* - Property Value Required</li></ul></li></ul>	
Parameter Sample		
<pre>{  "request": "calc.method",  "data":    {      *"customer_code": "A001"    }  }</pre>	Your customer code	
Output Sample		
<pre>{  "emp_calc": {    "meth": "PSL Charge - Area - 'CITY From Weight - '0.00' To Weight - '1.00' Charge - 100.00'PSL Charge - Area - 'CITY From Weight - '1.00' To Weight - '100000.00' Charge - '50.00'PSL Charge - Area - 'GCT From Weight - '0.00' To Weight - '1.00' Charge - 100.00'PSL Charge - Area - 'GCT From Weight - '1.00' To Weight - '100000.00' Charge - '50.00'PSL Charge - Area - 'HS From Weight - '0.00' To Weight - '1.00' Charge - 100.00'PSL Charge - Area - 'HS From Weight - '1.00' To Weight - '100000.00' Charge - '50.00'PSL Charge - Area - 'OS From Weight - '0.00' To Weight - '1.00' Charge - 100.00'PSL Charge - Area - 'OS From Weight - '1.00' To Weight - '100000.00' Charge - '50.00'"  }</pre>		<div>Charges defined under your account registered at Pronto</div>

#### 4.3. Method - pkg.amount

Description	Request actual charge for an item	
URL - UAT	https://uat-api.prontolanka.lk:18443/PR_API.aspx?method=pkg.amount	
URL - Live	https://www.prontolanka.lk/PR_API.aspx?method=pkg.amount	
Method	POST	
Request Header	<ul style="list-style-type: none"><li>Authorization: &lt;Specified in Pronto API Webservice Request Validation Section&gt;</li><li>Content-Type: JSON</li></ul>	
Parameters	<ul style="list-style-type: none"><li>Parameter Type: Request Body – Row</li><li>Format: JSON</li><li>Legend:<ul style="list-style-type: none"><li>* - Property Value Required</li></ul></li></ul>	
Parameter Sample		
<pre>{  "request": "pkg.amount",  "data":    {      *"customer_code": "A001",      *"pkg_weight": 8.00,      *"pronto_ac": "1"    } }</pre>	Your customer code Weight of the package Pronto deliver area code [Refer 2.1]	
Output Sample		
<pre>{  "live_amount": {    "amount": "600.00"  } }</pre>	Calculated pronto delivery charge of the item.	



#### 4.4. Method - tno.detail

Description	Track status of a Tracking Number	
URL - UAT	https://uat-api.prontolanka.lk:18443/PR_API.aspx?method=tno.detail	
URL - Live	https://www.prontolanka.lk/PR_API.aspx?method=tno.detail	
Method	POST	
Request Header	<ul style="list-style-type: none"><li>Authorization: &lt;Specified in Pronto API Webservice Request Validation Section&gt;</li><li>Content-Type: JSON</li></ul>	
Parameters	<ul style="list-style-type: none"><li>Parameter Type: Request Body – Row</li><li>Format: JSON</li><li>Legend:<ul style="list-style-type: none"><li>* - Property Value Required</li></ul></li></ul>	
Parameter Sample		
<pre>{  "request": "tno.detail",  "data":    {      *"tno" : "COD0000110",      *"customer_code" : "A001"    } }</pre>	<div>Tracking Number</div> <div>Your customer code</div>	
Output Sample		
<pre>{  "tracking_no": [    {      "PRONTO_HUB": "Head Office",      "STATUS_DATE": "2019-11-08T15:28:22.987",      "STATUS": "A"    }  ] }</pre>	<div>Branch Name of the relevant status</div> <div>Date &amp; Time of the status</div> <div>Status Code <i>[Refer 2.2]</i></div>	

#### 4.5. Method - tno.insert

<b>Description</b>	Transfer consignment (Tracking Number) details to Pronto.
<b>URL - UAT</b>	https://uat-api.prontolanka.lk:18443/PR_API.aspx?method=tno.insert
<b>URL - Live</b>	https://www.prontolanka.lk/PR_API.aspx?method=tno.insert
<b>Method</b>	POST
<b>Request Header</b>	<ul style="list-style-type: none"> <li>Authorization: &lt;Specified in Pronto API Webservice Request Validation Section&gt;</li> <li>Content-Type: JSON</li> </ul>
<b>Parameters</b>	<ul style="list-style-type: none"> <li>Parameter Type: Request Body – Row</li> <li>Format: JSON</li> <li>Legend: <ul style="list-style-type: none"> <li>* - Property Value Required</li> </ul> </li> </ul>
<b>Parameter Sample</b>	
<pre>{   "request": "tno.insert",   "data":     {       *"tno" : "COD0000119",       *"sen_name" : null,       *"sen_phone" : null,       *"sen_address" : null,       *"rec_name" : "CONSIGNEE NAME",       *"rec_address" : "CONSIGNEE ADDRESS",       *"rec_phone" : "0000000000",       *"pronto_lc" : "0001",       *"ivalue" : "0.00",       *"sameday_del" : "no",       *"senc" : "no",       *"sp_note" : "do not break"     } }</pre>	<p>Tracking Number [Do not change]</p> <p>[Do not change]</p> <p>[Do not change]</p> <p>Consignee Name</p> <p>Consignee Address</p> <p>Consignee Telephone Number</p> <p>[Do not change]</p> <p>Consignment Amount</p> <p>[Do not change]</p> <p>[Do not change]</p> <p>[Do not change]</p>
<b>Output Sample</b>	
<pre>{   "insertion_fb": "success",   "status": "1",   "status_ref": "NA" }</pre>	<p>Success / Failure Message</p> <p>1-Success / 0-Fail</p> <p>Error</p>

## 5. Appendix

### 5.1. Pronto Area Codes

Code	Area	Remarks
1	CITY	For in-detailed list of cities of Sri Lanka which comes under these area categories, contact Pronto COD Division
2	GREATER CITY	
3	OUTSTATION	
4	HIGH SECURITY	
5	SPECIAL AREA	

### 5.2. Tracking Number Status Codes

Code	STATUS
A	Accepted by Pronto Branch
I	Data Entry to System
S	Scanned Out to Delivery Route
C	Consignment Delivery Complete
M	Interbranch Transit
Delivered	Consignment Delivered
Reject	Consignment Rejected by Receiver
Return	Consignment Returned to Another Branch

## 6. Resources

### 6.1. Pronto API UAT Postman Collection for developer reference.

[https://uat-api.prontolanka.lk:18443/Resources/Pronto API UAT Postman Collection](https://uat-api.prontolanka.lk:18443/Resources/Pronto_API_UAT_Postman_Collection)