

TI Order API Suite v1 to v2

Version 2 of the TI Store Order API is a major revision with a new approach to customer checkout profile information, on-boarding experience, and integration functionality. Please reference the latest documentation at api-portal.ti.com for all configuration and support information.

What is new:

- Order API Suite (v2) key access is only accessible through a myTI Company Account, which is a new account type that offers a connected, seamless purchasing experience for multiple users at the same company. For more details please visit the [Keys and company information page](#).
- Checkout Profiles are a new approach to saving your preferred payment and shipping methods. This profile allows your checkout information to be managed and self-served through your myTI Company account and the checkout profile identifier will be used for your API orders.
- Retrieve more thorough order information with the Get Order API.
- Stay up-to-date on product inventory and order shipping notices with new Push APIs that notify you when changes occur.

Please consider the following when moving from Order API v1 to v2:

- No data or customer profiles will be copied from v1. Instead, the required profiles are managed through a new myTI Company Account.
- Your v1 orders are not accessible in v2.
- Customer sold to identifier, ship to identifier, bill to identifier, and payment information is no longer sent by an API call. An ID for your checkout profile is instead used for all checkout information. To create or access your Checkout Profiles, please go to your myTI Company account dashboard --> Checkout profiles.
- Design evaluation protection ordering limits are active in v2 through the Inventory and Pricing API. Application logic should be updated accordingly.
- The parameter naming convention has been improved for consistency and simplicity.
- The information returned for errors in v2 has been completely restructured to be more helpful in troubleshooting. Please review the schemas and standard errors in the documentation.

Getting started

Step #1: Set up a myTI company account

Step #2: Set up your checkout profile(s)

Step #3: Request an API key

Step #4: Once approved for new API key, please use below guide to identify where you can make changes to your system

Comparing v1 to v2

Order API

When porting your code, please take into consideration that parameter names and URL paths have changed. Below you will find helpful information regarding the porting of parameters. Please review final documentation at api-portal.ti.com.

Customer related shipping address, billing address, payment, and similar related identifiers have been replaced with the new CheckoutProfileID functionality. Each unique combination of payment and shipping methods that your company supports can be managed in your myTI Company account. Simply pass the desired CheckoutProfileID in the Order API.

Order Create:

- Schema: `StoreOrderCreateRequest -> orderCreate`
- URL Paths: `/store/orders`
- Parameters:

v1	v2	Comment
-	<code>CheckoutProfileID</code>	see documentation
<code>CustomerPurchaseOrderIdentifier</code>	<code>customerPurchaseOrderNumber</code>	
<code>CustomerPurchaseOrderDate</code>	<code>deprecated</code>	
<code>ApruveAccountId</code>	<code>replaced functionality</code>	see <code>CheckoutProfileID</code>
<code>CustomerSoldToIdentifier</code>	<code>replaced functionality</code>	see <code>CheckoutProfileID</code>
<code>CustomerShipToIdentifier</code>	<code>replaced functionality</code>	see <code>CheckoutProfileID</code>
<code>CustomerPayerIdentifier</code>	<code>replaced functionality</code>	see <code>CheckoutProfileID</code>
<code>CustomerBillToIdentifier</code>	<code>replaced functionality</code>	see <code>CheckoutProfileID</code>
<code>CustomerEndCustomerIdentifier</code>	<code>endCustomerCompanyName</code>	
<code>CustomerOrderAttributes:Attribute</code>	<code>customerOrderComments:message</code>	
<code>CustomerDesiredShipping:SupplierShipFrom</code>	<code>replaced functionality</code>	Shipping option managed in Checkout profile. Configuration available for request of expedite - see <code>expediteShipping</code>
<code>CustomerDesiredShipping:CarrierServiceLevel</code>	<code>replaced functionality</code>	Shipping option managed in Checkout profile. Configuration available for request of expedite - see <code>expediteShipping</code>
<code>LineItems:CustomerPurchaseOrderLineItemNumber</code>	<code>lineItems:customerLineItemNumber</code>	
<code>LineItems:SupplierProductIdentifier</code>	<code>lineItems:tiPartNumber</code>	
<code>LineItems:CustomerProductIdentifier</code>	<code>lineItems:customerPartNumber</code>	
<code>LineItems:CustomReelIndicator</code>	<code>lineItems:customReelIndicator</code>	
<code>LineItems:CustomerRequestedQuantity</code>	<code>lineItems:quantity</code>	
<code>LineItems: CustomerItemAttributes:Attribute</code>	<code>lineItems:customerItemComments:message</code>	

Order Create Response and Order Retrieve

In v2, the order create response has the same payload as the order retrieve response. Please review the orderDetails schema and example payload within documentation on api-portal.ti.com.

Review the complete list of information made available for your order added in v2. This information includes shipping information, notifications, tax, payment, billing, and addressing information.

- Schema: OrderCreateResponse -> orderDetails
- Schema: Orders -> orderDetails
- Parameters:

v1	v2	Comment
–	CheckoutProfileID	
OrderMessages	Deprecated	See notifications and errors
SupplierOrderIdentifier	orderNumber	
SupplierOrderStatus	Replaced, see orderStatus	Updated, order statuses are consistent with TI.com web orders
CustomerPurchaseOrderIdentifier	customerPurchaseOrderNumber	
CustomerPurchaseOrderDate	deprecated	
CustomerSoldToIdentifier	replaced functionality	See CheckoutProfileID
CustomerShipToIdentifier	replaced functionality	See CheckoutProfileID
CustomerEndCustomerIdentifier	endCustomerCompanyName	
CustomerBillToIdentifier	replaced functionality	See CheckoutProfileID
CustomerPayerIdentifier	replaced functionality	See CheckoutProfileID
CustomerOrderAttributes:Attribute	customerOrderComments:message	
LineItems:SupplierOrderLineItemNumber	lineItems:tiLineItemNumber	
LineItems:CustomerPurchaseOrderLineItemNumber	lineItems:customerLineItemNumber	
LineItems:SupplierOrderItemStatus	lineItems:status	
LineItems: SupplierProductIdentifier	lineItems:tiPartNumber	
LineItems: CustomerProductIdentifier	lineItems:customerPartNumber	
LineItems: SupplierTotalOrderItemQuantity	lineItems:shippedQuantity	
LineItems: CustomerRequestedQuantity	lineItems:quantity	
LineItems: CustomReelIndicator	lineItems:customReelIndicator	
LineItems: SupplierUnitPrice	lineItems:customerPartNumber	
LineItems: SupplierShipFrom	Similar functionality, see lineItems:shippingFromCountryCode	
LineItems: CarrierServiceLevel	Similar functionality, see lineItems:serviceLevel	
LineItems: CustomReelFee	lineItems:customReelIndicator	
LineItems: CustomerItemAttributes: Attribute	lineItems:customerItemComments:message	
LineItems: LineItemMessages	Similar, lineItems:notifications	See notifications and errors

Errors:

Errors in v2 have been completely restructured to be more helpful in troubleshooting. Please review the schemas and [standard errors in documentation](#).

Inventory and Pricing API

Design evaluation protection ordering limits are active in v2 through the Inventory and Pricing API. If a TI part number does not have a limit then no value is returned. When a device drops below 500 units, we protect those units for design evaluation (like a sample), we then limit customers to purchase 50pcs every 30 days.

All JSON fields and query parameters have been converted from capital case (for example, "MinimumOrderQuantity") to camel case (for example, "minimumOrderQuantity")

v1	v2	Comment
ProductIdentifier	tiPartNumber	
GenericProductIdentifier	genericPartNumber	
N/A	limit	Order limit added in V2

Common questions

Can I continue using Order API v1 while transitioning to v2?

Yes. TI will keep v1 available to allow customers time to transition to the latest version.

Have URL paths changed?

Yes, URL paths have changed for v2 except for Authentication and the product information API suite. Refer to the documentation at api-portal.ti.com.

I ran into issues with setting up my API. How can I get help?

Please use our TI E2E™ design support forums: To search previously answered questions please browse our TI E2E™ Enterprise automation integration forum available in [English](#) or [Chinese \(中文\)](#). Please fill in "TI-API" under part number for quickest support when asking a new question, or [create a new thread](#).

For myTI company account or order-related questions go to our [Customer Support Center](#).