**ExxonMobil**

# Customer API's
# Endpoints catalogue

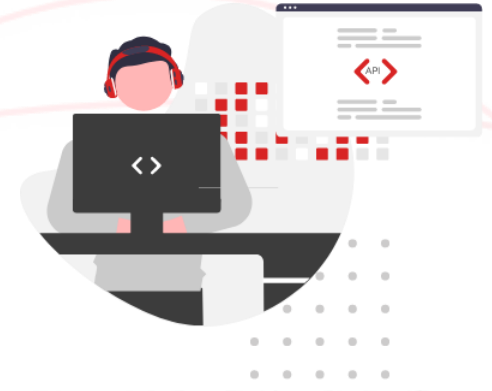# Introduction

## Purpose of document:

- To provide an overview of the endpoints available under the Customer API initiative

- To highlight the added value of these endpoints

## Content:

- GET APIs
  - Master Data
  - Transactional Data
  - Reference Data
  - Documents

- POST APIs
  - Standard Orders
  - Consignment Fill-up Orders
  - Railcar Consumption Orders

- PATCH APIs
  - Change Order
  - Cancel Order

# API's – How to leverage them in the OTC Process ?

**WebHook event subscription**

| Customer prepares & Issues purchase order | ExxonMobil creates sales order | ExxonMobil confirms order | ExxonMobil schedules order for shipment | ExxonMobil ships order | Customer receives delivery | ExxonMobil issues invoice | Customer receives invoice | Customer pays invoice |

**GET**
- Account Listing
- Delivery Locations
- Delivery Location Details
- Product Catalogs
- Account Partners
- Delivery Date Range
- Optimum Size
- Order Guidelines
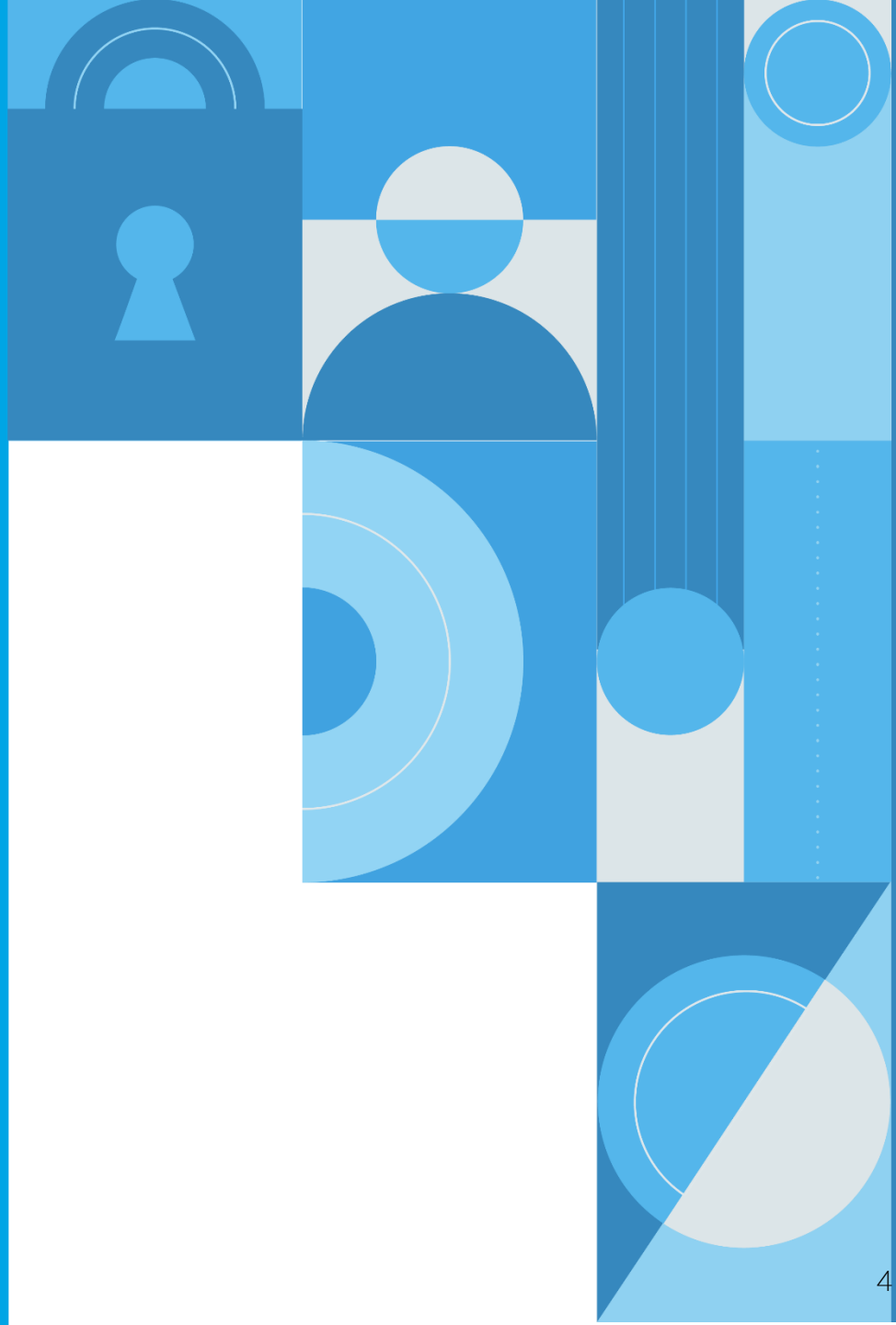- Consignment Inventory
- Contract List

**POST**
- Standard Orders
- Orders from Reference
- Consignment Fill-Up
- Railcar Consumption

**GET**
- Order Details
- Order Listing

**PATCH**
- Order Changes
- Order Cancellation

**GET**
- Shipment Details
- Shipment Tracking Status

**GET**
- Invoice Details
- Account Invoice List

**GET**
- Available Documents
- Document Download

# GET API's

# GET API's list

GET APIs allow users to retrieve data from a recourse by sending a request

## Transactional Data

- Shipment Details
- Shipment Tracking Status
- Account Invoice List
- Invoice Details
- Order Listing
- Order Reference List
- Orders Details
- Delivery Date Range

## Reference data

- Optimum Order Size
- Order Guidelines

## Documents

- Available Documents
- Document Download

## Master Data

- Accounts listing
- Accounts Partners
- Product Catalogs
- Delivery Locations
- Delivery Location Details

# GET API's

## Transactional Data – Orders

### Orders listing

- This endpoint provides a listing of the sales orders in the system by account Id, with location, PO and date filtering options.

### Orders details

- This endpoint provides detailed information about individual Sales Orders and includes general order information, detailed item description, payment term information, order status and order partner information.

### Orders reference list (Asia / MEAF)

- This endpoint provides the list of all contract or quotations for order reference, by location Id.

### Delivery date Range

- This endpoint provides order schedule range, including minimum/maximum values for standard delivery dates.

# GET API

## Transactional Data – Shipment & Invoices

### Shipment Details

- Prior to shipment, this endpoint provides general information on the shipment, including loading site details.

- Post-shipment, this endpoint displays detailed item information of loaded quantity, materials, batches, plant and shipment details.

### Shipment tracking status

- This endpoint provides detailed information about the shipment, specific per transportation mode.

### Account invoice list

- This endpoint provides the list of the commercial invoices, based on Account Id.

### Invoice details

- This endpoint provides detailed information about individual commercial invoices.

# GET API

## Master Data

### Accounts listing

- This endpoint provides the listing of the account numbers within scope of the API credential entitlement.

### Accounts partners

- This endpoint displays account and contact partners for an account. List of partners include payer, bill-to, consignee, notify party, document dispatch, document email-to.

### Product catalogs

- This endpoint provides the list of the ExxonMobil products associated with a delivery location, with associated affiliate and delivery method.

### Delivery locations

- This endpoint provides the list of the customer delivery locations by account.

### Delivery locations details

- This endpoint provides additional delivery address logistics details, related ports or depots for marine orders, and affiliate specific data including default incoterms.

# GET API

## Documents

## Get Documents

- This endpoints allows to see the documents associated with a sales order

    - Order confirmation

    - Advance Shipping Notice

    - Bill of Lading

    - Certificate of Analysis

    - Standard Invoice

## Documents download

- This endpoint allows to download the documents associated with an order, directly in PDF format.

# GET API
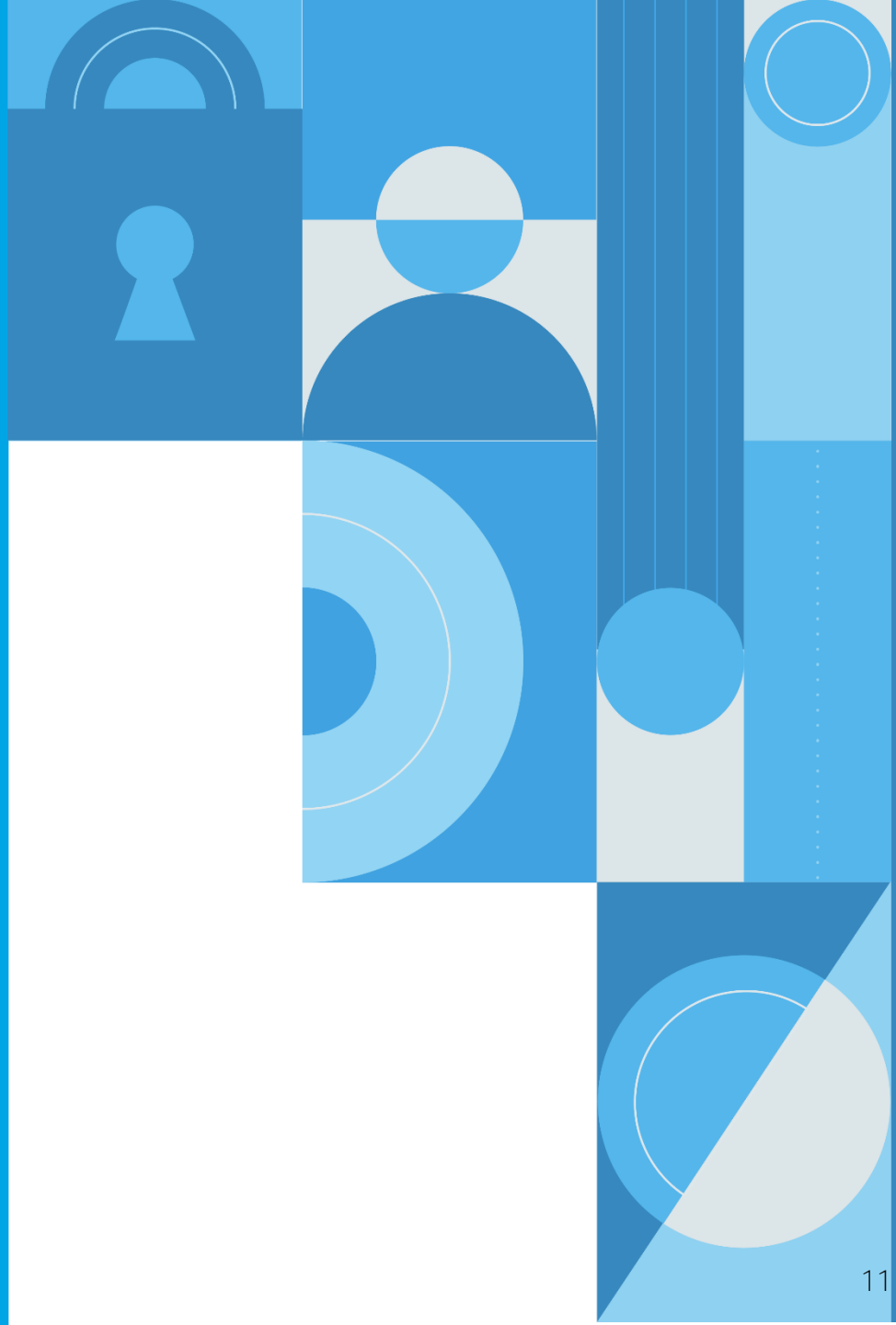
## Reference Data

## Optimum Order size

- This endpoint provides sales order guidelines on optimum size (not applicable for CPU shipments).

## Order Guidelines

- This endpoint provides guideline indicators and data related to special services and exceptions that may be requested at order placement for certain modes.
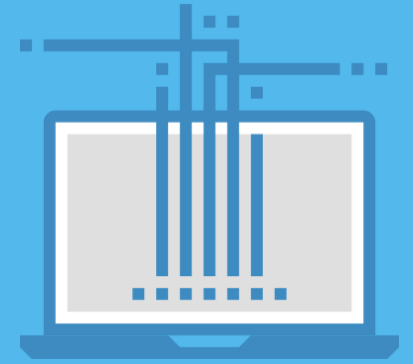
# POST API's

# POST API's list

POST APIs allow users to send data to a server to create a sales order

Create Order:

- Standard Orders

- Consignment Fill-up Orders

- Orders from a reference (Asia / MEAF)

- Railcar Consumption (US)

# POST APIs

## Create Standard Orders

- This endpoint enables users to create a Sales Order for eligible order types

- Shipping modes are Truck / Railcar / Marine Containers orders.

- Marine orders with specific partner selection, specified port and ICD selections for marine destination

## Create Consignment fill-up order

- This endpoints allows to trigger a Fill-up order to an existing Consignment Inventory.
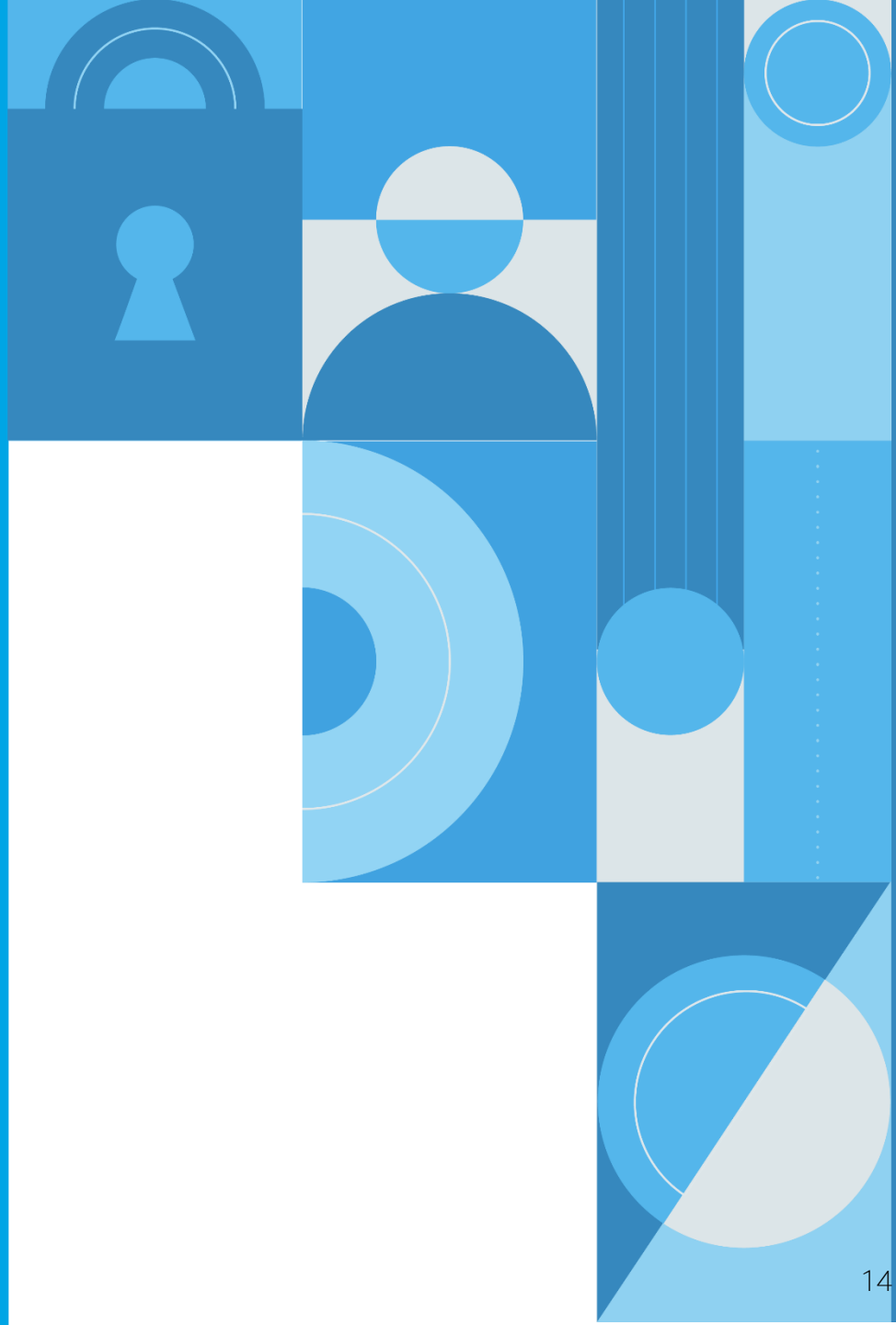
## Create Orders from reference (Asia / MEAF)

- This endpoints allows to create an order referring to a contract or quotation reference.

## Railcar consumption (US)

- This endpoints allows to report and submit the consumption ("Tap") from a railcar.

# PATCH API's

# PATCH API

## PATCH allows modification or cancellation of an order

### Change Sales Order

- This endpoint enables user to modify in an existing sales order: the PO #, the requested delivery date and the marine partners (as long as the order status is not "Shipment planned").

### Cancel Order

- This endpoint enables users to cancel a sales order, as long as the status of the order has not moved to 'Confirmed'