

# DOTS Order Validation

## VALIDATE CUSTOMER ORDERS TO REDUCE FRAUD & CHARGE BACKS

DOTS Order Validation<sup>SM</sup> by Service Objects is a real-time fraud detection API that verifies, standardizes and authenticates customer order information. This service performs multi-function verifications including address validation, BIN validation, reverse phone lookup, email validation, and IP validation. Our proprietary normalizing algorithm inspects the various customer components and returns a 0-100 quality score on the overall validity and authenticity of the customer

INPUT	
Test Type	BusinessToConsumer
BIN	407441
Email	m.wilson72@hotmail.com
IP Address	212.62.32.5
Billing First Name	Michael
Billing Last Name	Wilson
Billing Address	100 W Ortg St
Billing City	Santa Bara



OUTPUT	
Overall Score	95
Component Scores	BillingCrossChecks Score: 10, ShippingCrossChecks Score: 9, BIN Score: 15, BillingAddress Score: 11, ShippingAddress Score: 11, BillingPhone Score: 9, ShippingPhone Score: 10, BillingName Score: 7, ShippingName Score: 7, Email Score: 8
Note Codes	7, 8, 11, 61, 100, 102, 150, 152, 214, 204, 211, 261, 258, 300, 350, 401, 603

Green Outputs = Appended Information

\*This example represents output rendered by a typical operation. Other operations and data points may be available.

[View our Website to View All Inputs/Outputs](#)

## FEATURES

- Cross-validates customer information against seven distinct DOTS Contact Validation services including: Address Validation, Phone Exchange and BIN Validation
- Over 200 proprietary tests are performed to normalize and standardize data and an overall order score of 0-100 is produced, and flagged for pass, review or fail
- Billing and shipping address outputs are validated, standardized and corrected to USPS® mailing standards, and multiple notes are returned including flags for PO boxes, non-contiguous state, vacant lot or returning mail
- Validates billing and shipping phone numbers; mismatches in geographic fidelity are flagged before the transaction reaches credit card gateway
- Validates the billing and shipping contact name and returns helpful flags that indicates things like if the name is bogus, vulgar or a string of dictionary words
- Validates the 6 digit Bank Identification Number (BIN) of a card and also returns flags to indicate if the BIN is for a gift card or if the card is from a country of high risk
- Validates the email address and returns warning flags including disposable email address, bogus or potential spam-trap
- Accepts your Merchant Category Code (MCC) to help identify the incoming order information

## PRODUCT BENEFITS

- Improves shipping times to customers when addresses are accurate increasing customer loyalty and satisfaction
- Reduces lost inventory from shipments delivered to wrong addresses
- Reduces chargeback fees from credit card processing
- Eliminates stolen inventory due to fraudulent orders

## WHY SERVICE OBJECTS

- Most accurate data available
- 24/7 customer support
- 99.999% server uptime guarantee
- Simple pay-as-you-go pricing
- No long-term contracts
- Bank-grade security
- Open industry-standard programming interface
- Free API trial key or sample batch

## COMPATIBLE LANGUAGES

Service Objects offers sample code in many industry-leading programming languages to assist with integration. Developer Guides are also available online for each product.



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[www.serviceobjects.com](http://www.serviceobjects.com)

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