



Technical Documentation

Real Time Decisions –
Inbound Identity

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Verisk Marketing Solutions Overview

Verisk Marketing Solutions is a consumer data and insights unit of Verisk that specializes in helping marketers and the platforms and providers they work with continuously maintain a real-time view of their consumers' profiles and behaviors as they change over time. We power personalized interactions to engage them with the right message, at the right time.

Verisk Marketing Solutions brings together the unique behavioral data assets from Jornaya with the proprietary identity graph from Infutor to provide marketers with comprehensive and actionable identity data for every consumer and household in the US, alongside the earliest indicators of their in-market shopping behavior. This one-of-a-kind view is maintained with the highest standards for data security and consumer privacy, preferences, and permissions.

Our solutions ensure marketers have the most complete picture of a consumer's identity, attributes, permissions, and in-market behaviors—helping to remove the guesswork around who, what, and when to reach out.

Customers who engage with us experience:

- Lead generation program ROI improvement
- Better customer acquisition & retention outcomes
- Real-time in-market insights (from 55k comparison shopping sites)
- Intelligence to inform cross-sell opportunities
- Improved reputation and financial risk management

Real-Time Decisions Inbound Identity Overview

Our Real-Time Decisions product line focuses on situations where marketers need to make real-time decisions about how to interact with a consumer. We offer API's to access, in real-time, configured data packages that our customers can use to make better informed consumer engagement decisions.

You often have a short period of time to decide how to best interact with a consumer. Get the right data in real-time to optimize inbound interactions for these situations.

Real-Time Decisions | Inbound Identity

- With inbound leads, marketers often lack information on the consumer aside from an inbound phone number. We help you obtain the complete identity of the consumer in real-time.
- Confirm and supplement consumer provided data
- Enrich your insights on each consumer with additional attributes, so you know how best to personalize engagements with them.

Inputs

The Real Time Decisions API for Inbound Identity with ID MAX Plus accepts the following inputs. For additional API information refer to this link: <https://apidocs.infutor.com/#fc83bebd-5a95-49ff-94f6-224e9f002869>

Input Field **Description**

Input Field	Description	
<i>FullName</i>	Full individual Name	Required*
<i>FName</i>	First name, 15 characters max	Required*
<i>LName</i>	Last name, 20 characters max	Required*
<i>Address1</i>	Address line 1, 64 characters max	Required*
<i>Address2</i>	Address line 2, 64 characters max	Optional
<i>City</i>	City name, 28 characters max. * Either City/State or Zip is required	Required*
<i>State</i>	2 character state abbreviation. * Either City/State or Zip is required	Required*
<i>Zip</i>	5 digit numeric USPS zip code. * Either City/State or Zip is required	Required*
<i>Phone</i>	10 digit numeric phone number (without spaces, dashes, or parentheses)	Required*
<i>Phone2</i>	10 digit numeric 2nd phone number (without spaces, dashes, or parentheses)	Required*
<i>Email</i>	Email address, 100 characters max	Required*

For Identity append/competition & additional contact information, ID Max requires phone, email or name & address input.

At a minimum, one of the following input combinations is required for processing:

- Phone
- Phone2
- Email
- FName + LName
- FullName
- Address1 + Zip
- Address1 + City + State

Output

Identity Scoring:

Output Field	Description	Return Values
<i>ValidPhone</i>	The phone is a valid 10 digit telephone number based on the North American Numbering Plan (NANP)	Score 0-100
<i>ValidPhone2</i>	The 2nd phone is a valid 10 digit telephone number based on the North American Numbering Plan (NANP)	Score 0-100
<i>ValidEmail</i>	The email is a valid email address format	Score 0-100
<i>ValidName</i>	The individual's first and last names appear to be valid names and do not contain vulgar words or expressions	Score 0-100
<i>NameToPhone</i>	The name links to the phone	Score 0-100
<i>NameToEmail</i>	The name links to the email	Score 0-100
<i>NameToAddress</i>	The name links to the postal address	Score 0-100
<i>Deceased</i>	<p>The deceased field is used to determine whether an identity is living or deceased.</p> <p>A score of 100 indicates the individual is living and a score of 0 represents the individual is deceased. If the field is Blank, it means Unknown</p>	0 or 100 or Blank
<i>Phone Type</i>	Phone type for the Phone. L- Landline, V- VoIP, W- Wireless, O- Other	L, V, W, O
<i>PhoneConfidenceScore</i>	Score of 0 - 100 that reflects the confidence that a given phone is active and hasn't been reassigned, based on activity and velocity indicators	Score 0-100
<i>Phone2ConfidenceScore</i>	Score of 0 - 100 that reflects the confidence that a given phone is active and hasn't been reassigned, based on activity and velocity indicators	Score 0-100
<i>AddressConfidenceScore</i>	Score of 0 - 100 that reflects the confidence, accuracy, and deliverability for the input postal address	Score 0-100
<i>AddressToPhone</i>	The postal address links to the phone	Score 0-100
<i>AddressToEmail</i>	The postal address links to the email	Score 0-100
<i>PhoneToEmail</i>	The phone links to the email	Score 0-100
<i>Phone2ToEmail</i>	The 2nd phone links to the email	Score 0-100
<i>NameToPhone2</i>	The name links to the 2nd phone	Score 0-100
<i>AddressToPhone2</i>	The postal address links to the 2nd Phone	Score 0-100

ID Score:

The ID Score is an overall score, with values in the range of 0-100 that can be used for making pass/fail decisions about whether or not a given identity was verified.

<i>Output Field</i>	<i>Description</i>	<i>Return Values</i>
<i>IDVerifyScore</i>	The IDScore is an overall score to reflect the quality of an ID verification.	Score 0-100

Demographic Attributes:

<i>Output Field</i>	<i>Description</i>	<i>Return Values</i>
<i>Gender</i>	M=male F=Female blank or U=unknown	M, F, or U
<i>Age</i>	Adult Age	0 - 99
<i>Age_range_estimate</i>	Adult Estimated Age Range is calculated from date of birth data. Age data is applied at the individual level and is compiled from a variety of sources that may include public data, buying activities, and self-reported information. This is a calculation of age based on the individual's year of birth. The calculation is current year minus the YOB, which is then used to assign the record to an appropriate age range. Estimated Age Range A - Estimated Age 18-24 B - Estimated Age 25-34 C - Estimated Age 35-44 D - Estimated Age 45-54 E - Estimated Age 55-64 F - Estimated Age 65-74 G - Estimated Age 75+	A-G
<i>Age_range_inferred</i>	Adult Inferred Age Range uses known age of adults within the same ZIP+4 to assign an age range. The originating known age data is compiled from a variety of sources that may include public data, buying activities data, and self-reported information. A value is only assigned for this field if a record for the AGE_RANGE_ESTIMATED field is not available. Inferred Age Range. A - Inferred Age 18-24 B - Inferred Age 25-34 C - Inferred Age 35-44 D - Inferred Age 45-54 E - Inferred Age 55-64 F - Inferred Age 65-74 G - Inferred Age 75+	A-G
<i>Age_range_combined</i>	Adult Combined Age Range assigns an age range value to all records, using the applicable value from either AGE_RANGE_ESTIMATED and AGE_RANGE_INFERRED fields. Use this field if you are looking for 100% age range coverage within the TCI universe. Combined (Estimated + Inferred) Age Range	A-G

	A - Combined Age 18-24 B - Combined Age 25-34 C - Combined Age 35-44 D - Combined Age 45-54 E - Combined Age 55-64 F - Combined Age 65-74 G - Combined Age 75+	
LOR	Length of Residence in years, 2 digits	00 - 99
Homeowner	H=Homeowner R=Renter A = Inferred Homeowner B = Inferred Renter	H, R, A or B
MedYrBld	The year home was built. 4 digits	nnnn
EHI	Estimated household income, 1 character: A = Less than \$20,000 B = \$20,000 - \$29,999 C = \$30,000 - \$39,999 D = \$40,000 - \$49,999	E = \$50,000 - \$59,999 F = \$60,000 - \$74,999 G = \$75,000 - \$99,999 H = \$100,000 - \$124,999 I = \$125,000 - \$149,999 J = \$150,000 - \$199,999 K = \$200,000 - \$249,999 L = \$250,000 - \$499,999 M = \$500,000 +
Married	M=Married S=Single A=Inferred Married B=Inferred Single	M, S, A, or B
WealthScr	*DO NOT USE* WEALTHSCR_V2 field, released in April 2024, replacing WEALTHSCR. Model based on income, homeownership, and other assets owned: A = Estimated Net less than \$5,000 B = Estimated Net \$5,000 - \$19,999 C = Estimated Net \$20,000 - \$49,999	D = Estimated Net \$50,000 - \$79,999 E = Estimated Net \$80,000 - \$99,999 F = Estimated Net \$100,000 - \$249,999 G = Estimated Net \$250,000 - \$499,999 H = Estimated Net over \$500,000
Wealthscr_v2	The net worth selection is a model which predicts household net worth. It takes into consideration 60+ model predictors across a diverse set of info including demographics, transactional & behavioral data, property ownership and mortgages, vehicle ownership and geo-demographics. The data originates from a range of deterministic and probabilistic data sources such as county assessor records, self-reported information (e.g. surveys), Census demographics, and many more. WEALTHSCR_V2 field, released in April 2024, replacing WEALTHSCR.	A - \$0 OR LESS B - \$1 - \$24,999 C - \$25,000 - \$49,999 D - \$50,000 - \$74,999 E - \$75,000 - \$99,999 F - \$100,000 - \$149,999 G - \$150,000 - \$249,999 H - \$250,000 - \$374,999 I - \$375,000 - \$499,999 J - \$500,000 - \$749,999 K - \$750,000 - \$999,999 L - \$1,000,000+
DwellType	Dwelling Type. S=Single Family Dwelling Unit (SFDU). M=Multi-family Dwelling Unit (MFDU)	S or M
MrktHomeVal	Estimated Home Market value: A = \$1,000 - \$24,999 B = \$25,000 - \$49,999 C = \$50,000 - \$74,999 D = \$75,000 - \$99,999 E = \$100,000 - \$124,999 F = \$125,000 - \$149,999 G = \$150,000 - \$174,999 H = \$175,000 - \$199,999 I = \$200,000 - \$224,999	J = \$225,000 - \$249,999 K = \$250,000 - \$274,999 L = \$275,000 - \$299,999 M = \$300,000 - \$349,999 N = \$350,000 - \$399,999 O = \$400,000 - \$449,999 P = \$450,000 - \$499,999 Q = \$500,000 - \$749,999 R = \$750,000 - \$999,999 S = \$1,000,000+

<i>ChildCd</i>	Presence of Children. Y= children present		Y or Blank
<i>ChildNbrCd</i>	Number of Children. A=No children B=less than 3 C= 3-5 children		A – C
<i>MHV</i>	Median House Value Code: A = Less than \$50,000 B = \$50,000 - \$99,999 C = \$100,000 - \$149,999 D = \$150,000 - \$249,999	E = \$250,000 - \$349,999 F = \$350,000 - \$499,999 G = \$500,000 - \$749,999 H = \$750,000 - \$999,999 I = \$1,000,000+	A – I
<i>MedSchl</i>	Median years of school, 3 digits max. 1 implied decimal. eg 210 = 21.0 years		000-220

Property Attributes:

Output Field	Description	Return Values	
PROP_IND	Property type indicator, 2 digit numeric: 10 = Single Family Residence / Townhouse 11 = Condominium (residential) 20 = Commercial 21 = Duplex, Triplex, Quadplex 22 = Apartment 23 = Hotel, Motel 24 = Commercial (condominium) 25 = Retail 26 = Services (general public) 27 = Office Building 28 = Warehouse	29 = Financial Institution 30 = Hospital (medical complex, clinic) 31 = Parking 32 = Amusement – Recreation 50 = Industrial 51 = Industrial Light 52 = Industrial Heavy 53 = Transport 54 = Utilities 70 = Agricultural 80 = Vacant 90 = Exempt	nn
PROP_VALCALC	The "total" (i.e., land + improvement) value closest to current market value used for assessment by county or local taxing authorities	Integer (dollars)	
PROP_IMP_VALCALC	The "improvement" value closest to current market value used for assessment by county or local taxing authorities	Integer (dollars)	
PROP_VAL_CALCIND	Property Value type: A = Assessed M = Market P = Appraised T = Transitional	A,M,P,T or blank	
PROP_ASSED_VAL	The Total Assessed Value of the Parcel's Land & Improvement values as provided by the county or local taxing/assessment authority	Integer (dollars)	
PROP_ACRES	Total land mass in acres. (4 decimal points). Example: 13000=1.3 acres	Integer	
PROP_LANDSQFT	Total land mass in Square Feet	Integer	
PROP_YRBLD	The construction year of the original building. (e.g., YYYY)	YYYY	
PROP_LIVINGSQFT	The area of a building that is used for general living. This is typically the area of a building that is heated or air conditioned and does not include Garage, Porch or Basement square footage	Integer	
PROP_RMS	Total number of rooms contained in the primary building	Integer	
PROP_BEDRMS	Total number of bedrooms contained in the primary building	Integer	
PROP_BATHS	Total number of bathrooms, 2 implied decimal places. 2.00 baths = 200	Integer	
PROP_FULLBATHS	Total number of Full Baths (typically comprised of a sink, toilet, and bathtub / shower stall). A home containing 2 1/2 baths would have the number 2 stored in this field	Integer	
PROP_HALFBATHS	Total number of Half Baths (typically comprised of a sink & toilet). A home containing 2 1/2 baths would have the number 1 stored in this field	Integer	
PROP_AC	The type of air conditioning method used to cool the building (e.g., Central, Wall Unit, Evaporative): 0=AC.NONE ACA=AC.COMMERCIAL A/C ACE=AC.CENTRAL ACH=AC.CHILLED WATER ACP=AC.CENTRAL PARTIAL APT=AC.PARTIAL APV=AC.REFRIGERATION/EVAPORATION	ASE=AC.SEPARATE SYSTEM ASO=AC.SOLAR ASP=AC.SPLIT SYSTEM ACW=AC.CENTRAL & UNIT ADU=AC.DUAL UNIT AEV=AC.EVAPORATIVE ROOF AFA=AC.FAN COOLING AHT=AC.HEAT PUMP AOF=AC.OFFICE ONLY APF=AC.REFRIGERATION APK=AC.PACKAGE APR=AC.PACKAGE	nnn (3 characters)

	AWA=AC.WALL UNIT AWI=AC.WINDOW UNIT AWN=AC.WALL/WINDOW UNIT		
<i>PROP_FRPL</i>	This field is populated with a "Y" if a fireplace is located within the building		Y or blank
<i>PROP_POOL</i>	Populated with a "Y" if a Pool is present on the parcel		Y or blank
<i>PROP_ROOFTYPE</i>	999=BYPASS 9A0=IRREGULAR 9B0=LEAN TO A=A-FRAME B=BARN C=CANOPY D=DORMER E=FRAME F=FLAT G=GABLE H=GABLE/HIP I=HIP J=GEODESIC K=MANSARD L=BARREL M=MONITOR N=CONTEMPORARY O=SHED P=PITCHED	Q=PYRAMID R=ARCHED S=SAWTOOTH T=CATHEDRAL/CLERESTORY U=BUBBLE V=GAMBREL W=SWISS CHALET/ALPINE X=COMPLEX/CUSTOM Y=BUTTERFLY Z=GAMBREL/MANSARD	nnn (3 characters)
<i>PROP_TAXAMT</i>	The tax amount provided by the county or local taxing / assessment authority. This field has 2 implied decimal spaces at the end of its value. Example: 600,010, = \$6,000.10		Integer (dollars)
<i>PROP_RECDATE</i>	The date the sales transaction was record at the county		YYYYMMDD
<i>PROP_SALEAMT</i>	Price of the sale as depicted on the recorded sales transaction		Integer (dollars)
<i>PROP_MTGAMT</i>	Amount of loan		Integer (dollars)
<i>PROP_MTGDATE</i>	Date mortgage was initiated		YYYYMMDD
<i>PROP_MTGTERM</i>	The length of time of the mortgage in years		Integer (years)
<i>PROP_MTGDUEDATE</i>	Date mortgage becomes due		YYYYMMDD

Outputs (continued)

Auto Attributes:

Output Field	Description	Return Values
<i>Make</i>	Vehicle Make, 30 characters max	String Value
<i>Model</i>	Vehicle Model, 30 characters max	String Value
<i>Year</i>	Vehicle Year	YYYY
<i>ClassCD</i>	Vehicle Class Code, 15 characters max	15 characters
<i>FuelTypeCD</i>	Vehicle Fuel Code	1 character
<i>MFGCD</i>	Vehicle Manufacturing Code	1 character
<i>StyleCD</i>	Vehicle Style Code	10 characters
<i>Mileage</i>	Mileage from the last odometer reading in increments of 10,000. A=0-10,000. Z= 250,000+	A-Z
<i>ODate</i>	Last verification date	YYYYMMDD

Identity Completion:

For API technical documentation refer to [this link here](#):

Output Field	Description	Return Values
<i>FName</i>	Appended First Name	20 characters
<i>LName</i>	Appended Last Name	20 characters
<i>MName</i>	Appended Middle Initial	1 Character
<i>BusName</i>	Appended Business Name	100 Characters
<i>PreDir</i>	Appended Street Pre Direction: N, S, E, W, NE, SW, etc.	2 Characters
<i>Street</i>	Appended Street name.	28 characters
<i>StrType</i>	Appended Street suffix: ST, AVE, BLVD, etc.	4 Characters

<i>PostDir</i>	Appended Street Post Direction: N, S, E, W, NE, SW, etc.	4 Characters
<i>AptType</i>	Appended Secondary Unit designator: Apt, Suite, etc.	2 Characters
<i>AptNbr</i>	Appended Secondary Unit number: Apt #, Suite #, etc.	8 Characters
<i>City</i>	Appended USPS City Name.	28 Characters
<i>State</i>	Appended USPS State abbreviation.	2 Characters
<i>Zip</i>	Appended numeric USPS Zip Code.	5 Characters
<i>Z4</i>	Appended numeric USPS Zip+4.	4 Characters
<i>DPC</i>	Appended Delivery Point Code with check digit.	3 Characters
<i>CRTE</i>	Appended Carrier Route.	4 Characters
<i>CNTY</i>	Appended FIPS County Code.	3 Characters
<i>Z4Type</i>	Appended USPS Zip+4 type F – Firm or company address G – General delivery address H – High-rise or business complex P – PO Box address R – Rural Route address S – Street or Residential address Blank - Unknown	F, G, H, P, R, S
<i>DPV</i>	Appended Delivery Point Validation Y – Address DPV confirmed for both primary and (if present) secondary numbers D – Address DPV confirmed for primary number only, secondary number information was missing S – Address DPV confirmed for the primary number only, and secondary number information was present but unconfirmed N – Both Primary and (if present) Secondary number information failed to DPV confirm Blank – Address not presented to hash table	Y, D, S, N
<i>Deliverable</i>	Appended Deliverable flag	Y, N, or Blank
<i>ValDate</i>	Appended Last address validation date	YYYYMMDD or YYYYMM, depending on availability.
<i>Phone</i>	Appended Phone (up to 3 additional Phone numbers)	10 characters
<i>PhoneType</i>	Appended Phone Type (up to 3, one for each appended phone number) L – Landline V – VoIP W – Wireless O – Other	L, V, W, O
<i>DID</i>	Direct Inward Dial Number	Y or blank
<i>RecType</i>	Appended Record Type R – Residential B – Business P – Payphone U – Unknown	R, B, P, U
<i>IDate</i>	Date phone record was first received	YYYYMMDD

<i>ODate</i>	Date phone record was last received as connected	YYYYMMDD
<i>TelcoName</i>	Name of original telephone company provider	100 Characters
<i>Category</i>	Appended Matched Category (up to 3, one for each appended phone number) I – Individual H – Household A – Address Z – Name/Zip	I, H, A, Z
<i>Email</i>	Appended Email (up to 3 additional Emails)	100 Characters
<i>Suppression</i>	Email Suppression Code N - Email is Eligible for Deployment	N or blank
<i>Category</i>	Appended Matched Category (up to 3, one for each appended Email) I – Individual H – Household A – Address Z – Name/Zip	I, H, A, Z
<i>Url</i>	Appended URL - Indicates the website in which the consumer "opted-in" to receive marketing emails	100 Characters
<i>ODate</i>	Appended Email Last Seen Date	YYYYMMDD

Appendix A: JSON API Example

For implementations with 1st Party Guardian, Identity Scoring and Attribute enrichment

Example Request:

```
https://api.yourdatadelivery.com/service/rest/IDCompleteBase?Login=username
&Password=password&FullName=randomFullName&FName=FName&LName=LName&Address1
=Address1&Address2=Address2&City=City&State=State&Zip=Zip&Phone=Phone&Phone
2=Phone2&Email=Email
```

Identity Completion: For API technical specs refer to this link: <https://apidocs.infutor.com/#5134f7c6-7e5e-4340-ba5e-3f7364bec974>

Example Output:

```
{
  "ResponseCode": "",
  "ResponseMsg": "Successful",
  "Detail": {
    "__type": "IDCompleteBaseResult:https://api.yourdatadelivery.com/service",
    "Identity": {
      "Name": {
        "FName": "JOHN",
        "LName": "SMITH",
        "MName": "",
        "BusName": ""
      },
      "NameAlias1": {
        "Prefix": "",
        "FName": "JONNATHAN",
        "LName": "SMITH",
        "MName": "W",
        "Suffix": ""
      },
      "NameAlias2": {
        "Prefix": "",
        "FName": "JOHNNIE",
        "LName": "SMITH",
        "MName": "",
        "Suffix": "JR"
      },
      "NameAlias3": {
        "Prefix": "",
        "FName": "WILLIAM",
        "LName": "SMITH",
        "MName": "",
        "Suffix": "JR"
      },
      "Address": {
        "House": "123",
        "PreDir": "E",
        "Street": "MAIN",
        "StrType": "ST",
        "PostDir": ""
      }
    }
  }
}
```

```
"AptType": "APT",
"AptNbr": "10",
"City": "CHICAGO",
"State": "IL",
"Zip": "60601",
"Z4": "1107",
"DPC": "224",
"CRTE": "C018",
"CNTY": "",
"Z4Type": "S",
"DPV": "Y",
"Deliverable": "Y",
"ValDate": "201808"
},
"PreviousAddress1": {
  "House": "456",
  "PreDir": "",
  "Street": "MICHIGAN",
  "StrType": "AVE",
  "PostDir": "",
  "AptType": "",
  "AptNbr": "",
  "City": "CHICAGO",
  "State": "IL",
  "Zip": "60601",
  "Z4": "1107",
  "DPC": "224",
  "CRTE": "C018",
  "DPV": "Y"
},
"PreviousAddress2": {
  "House": "789",
  "PreDir": "N",
  "Street": "GENERAL",
  "StrType": "DR",
  "PostDir": "",
  "AptType": "",
  "AptNbr": "",
  "City": "INDIANAPOLIS",
  "State": "IN",
  "Zip": "46229",
  "Z4": "2192",
  "DPC": "418",
  "CRTE": "C003",
  "DPV": "Y"
},
"PreviousAddress3": {
  "House": "147",
  "PreDir": "",
  "Street": "MAIN",
  "StrType": "PL",
  "PostDir": "",
  "AptType": "",
  "AptNbr": "",
  "City": "INDIANAPOLIS",
```

```
"State": "IN",
"Zip": "46229",
"Z4": "4113",
"DPC": "251",
"CRTE": "C003",
"DPV": "Y"
},
"Phones": {
  "Phone": {
    "Phone": "1234567890",
    "PhoneType": "W",
    "DID": "",
    "RecType": "R",
    "IDate": "20080221",
    "ODate": "20090601",
    "TelcoName": "TELEPHONE COMPANY 1",
    "Category": "I"
  },
  "Phone2": {
    "Phone": "9876543210",
    "PhoneType": "L",
    "DID": "",
    "RecType": "R",
    "IDate": "20180111",
    "ODate": "20180111",
    "TelcoName": "TELEPHONE COMPANY 2",
    "Category": "I"
  },
  "Phone3": {
    "Phone": "1234569870",
    "PhoneType": "V",
    "DID": "",
    "RecType": "R",
    "IDate": "20180112",
    "ODate": "20180112",
    "TelcoName": "TELEPHONE COMPANY 3",
    "Category": "H"
  }
},
"Emails": {
  "Email": {
    "Email": "JSMITH@EMAIL.com",
    "Suppression": "N",
    "Category": "I",
    "Url": "MYDOMAIN.COM",
    "ODate": "20171129",
    "Sha2": "F5709E36F630621B3277F262C58262E83BB18B969CF87C898BA76B45D5F7C3AB",
    "Sha1": "E8C33707A5C4A5C4DA935B1ED6B02F3BB8B46AD7",
    "MD5": "A6147361910ABBAA4299B2C368DB4766"
  },
  "Email2": {
    "Email": "JOHNS@EMAIL.com",
    "Suppression": "N",
    "Category": "I",
    "Url": "DOMAIN.NET",
```



```
"ODate": "20110215",
"Sha2": "8A4A794CEC9D653F4E6C3280F8C6FFF3031AEA11D4059AE5EA708ECA2D93BC0F",
"Sha1": "00D9190243F3C5419662F9512F69636E2560500A",
"MD5": "4F6D63B91B5BA8436A154FA59AF2AA1F"
},
"Email3": {
  "Email": "JOSMITH@EMAIL.COM",
  "Suppression": "N",
  "Category": "I",
  "Url": "DOMAIN.COM",
  "ODate": "20170101",
  "Sha2": "4A801A1EFB8748A691E75B096AA3C09704FD7AF038F1B1D4DE48203E15ADA6AC",
  "Sha1": "981686F5D433FE8B57D1FBAEE63DA6EDCA16476E",
  "MD5": "23E1474E3425ECCA21AE763345EA261D"
}
}
}
}
}
```

Appendix B: API Response Codes

The following is a table of potential output response codes & messages. For the most up to date information on the API reference this link: <https://apidocs.infutor.com/-83d9c957-c8ee-4cdb-bfd9-c96e968f01cd>

<i>Output Field</i>	<i>Description</i>
0	Successful
1	No Records found
2	Missing required parameter(s)
3	Too many results. Please refine your search criteria
4	You have reached the maximum number of transactions allowed
102	The user is invalid (double-check credentials)
<i>All other codes</i>	System error. Retry search, if failure continues, contact support