TrackWizz API Document

A64 - Cloud Screening

API Version 1.1

Release Date:20/Nov/2020

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1. API Objective

This RESTful API helps to screen the Individuals and Legal Entity. The application will request A64 API with KYC details in the following XML format and in response, the API will return back the result of screening as to whether the record was present in any negative list or not. It will also send the pdf report which will be base 64 encoded listing the details of the watchlist records when a match for a record is found.

2. Request Details

Sandbox URL:
https://mlapidemo1.tssconsultancy.com:54322/crmapi/a64screeningapi/GetScreeningResult

HTTP Request Type: POST
Request Headers:
Content-Type: application/xml

3.1 Sample Request

```xml
<?xml version="1.0" encoding="UTF-8"?>
<A64EncryptedRequestModel xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <ApiToken>fa825d85-57bc-4894-915e-de70c24458db</ApiToken>
```

<SessionKey>WJZ0q5g7WFPQd2ez6LYqflxps/0g9oWYqx+RCxRq3vNpIZsMzUccFvlwNa1ozC607Y+u3P6C
mojLWKB+27MCf2LtfVuMVnQO6TYNZl0IKMeNGtW8nhUNiaTPM9U9OYjENYoXYU/h6D+ExzhK0LSpmQ
dRjWi4UcJk2PVDTnzcp91W972PTKVVcJSGxYIZ4mgSiPIWqphkOD9o1jBhXor4VdpX/M588AbvdYC4hOQp
W7/Z4hFmIuTCoeLVVulnlxAF74oNY4i/xojnVKyjmuH0ECA6co1RkiWotel2VxMXhC1/C3gnoJLbtpw1hDw
8QmzF5Mp6L24/ICZ790HazIPQdg==</SessionKey>

<RequestData>2rQP1b+mhXFKm9hZmd6s65XFMpsKuvUjflOLrpuMzaFTkEujCsRFICgcTfJqWUzP2IWpImf
LzfMEpb2zcDMnM0uQdw4cSdLZ08R63laN6FwZkvRNf2oN8SjFKnbTloglbNqbMuxDbQyvJgR1hEhbp8vbu
qfyK+cbqcpCOXTuLg9ljOjKAoI7Jm/rd5ts7h/dFk5x3+H22nPsGT5VaFRIFItr+LmrBQHlkfAomJfl7b2Bpadd4
vM0gqoa7VTC1bFiSy60HT0kFdncIptiFX7LORbx9/YnhXhkTWfPKu8xCrPG/4JsxLNQxe5hH6Izh7Vwk+e+xe
sJpFHzhdC5qdSkrboY/qqZBKpycmr10QfWGkYh4q3kj6mKGgT/sweHukY+5+9OS7DSwl92UcvpnEDIuJy8y
Q/HemmVMCYTmvcOoJftXRVv6uhVOH9JltIqt3dt+jY6SfbOtjhFLBD3SIiH44+OgK0PJo5ZfZE2OL7Mgn3ViG
iUF6d</RequestData>
</A64EncryptedRequestModel>

3.2 Sample Signed Request

```
<?xml version="1.0" encoding="utf-16"?>
<A64EncryptedRequestModel xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <ApiToken>fa825d85-57bc-4894-915e-de70c24458db</ApiToken>
```

```
<SessionKey>WJZ0q5g7WFPQd2ez6LYqflxps/0g9oWYqx+RCxRq3vNpIZsMzUccFvlwNa1ozC607Y+u3P6C
mojLWKB+27MCf2LtfVuMVnQO6TYNZl0IKMeNGtW8nhUNiaTPM9U9OYjENYoXYU/h6D+ExzhK0LSpmQ
dRjWi4UcJk2PVDTnzcp91W972PTKVVcJSGxYlZ4mgSiPIWqphkOD9o1jBhXor4VdpX/M588AbvdYC4hOQp
W7/Z4hFmIuTCoeLVVulnlxAF74oNY4i/xojnVKyjmuH0ECA6co1RkiWotel2VxMXhC1/C3gnoJLbtpw1hDw
8QmzF5Mp6L24/ICZ790HazIPQdg==</SessionKey>
```

```
<RequestData>2rQP1b+mhXFKm9hZmd6s65XFMpsKuvUjflOLrpuMzaFTkEujCsRFICgcTfJqWUzP2IWpIm
fLzfMEpb2zcDMnM0uQdw4cSdLZ08R63laN6FwZkvRNf2oN8SjFKnbTloglbNqbMuxDbQyvJgR1hEhbp8vb
uqfyK+cbqcpCOXTuLg9ljOjKAoI7Jm/rd5ts7h/dFk5x3+H22nPsGT5VaFRIFItr+LmrBQHlkfAomJfl7b2Bpadd
4vM0gqoa7VTC1bFiSy60HT0kFdncIptiFX7LORbx9/YnhXhkTWfPKu8xCrPG/4JsxLNQxe5hH6Izh7Vwk+e+x
esJpFHzhdC5qdSkrboY/qqZBKpycmr10QfWGkYh4q3kj6mKGgT/sweHukY+5+9OS7DSwI92UcvpnEDIuJy8
yQ/HemmVMCYTmvcOoJftXRVv6uhVOH9JltIqt3dt+jY6SfbOtjhFLBD3SIiH44+OgK0PJo5ZfZE2OL7Mgn3Vi
GiUF6d
</RequestData>
```

```
<Signature xmlns="http://www.w3.org/2000/09/xmldsig#">
 <SignedInfo>
  <CanonicalizationMethod Algorithm="http://www.w3./2001/REC-xml-c14n-20010315" />
  <SignatureMethod Algorithm="http://www.w3.org/2000/09/xmldsig#rsa-sha1" />
  <Reference URI="">
   <Transforms>
    <Transform Algorithm="http://www.w3.org/2000/09/xmldsig#enveloped-signature" />
   </Transforms>
   <DigestMethod Algorithm="http://www.w3.org/2000/09/xmldsig#sha1" />
   <DigestValue>ZGtVlvmyb+eQpBViKp6TnZisvAw=</DigestValue>
  </Reference>
 </SignedInfo>
  <SignatureValue>isce5Z9fGGZxs09p8kB9SeYW4GmAEvwpk</SignatureValue>
  <KeyInfo>
   <X509Data>
    <X509SubjectName>CN=SAGAR CHANDRAKANT TANNA</X509SubjectName>
```

```
        <X509Certificate>MIIGlzCCBX+gAwIBAgIEAR3GGDANBgkqhkiG9w0BAQ</X509Certificate>
    </X509Data>
</KeyInfo>
</Signature>
</A64EncryptedRequestModel>
```

4. Sample Decrypted RequestData

```
<?xml version="1.0" encoding="utf-16"?>
<ScreeningRequestData xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <RequestId>123</RequestId>
  <RecordIdentifier>815d1354-5b49-4b79-8498-30e062f2b0ce</RecordIdentifier>
  <ApplicationRefNumber>123</ApplicationRefNumber>
  <IntermediaryCode>Abc</IntermediaryCode>
  <SourceSystemName>Flexi</SourceSystemName>
  <ParentCompany>123</ParentCompany>
  <FirstName>hasheem</FirstName>
  <MiddleName />
  <LastName />
  <CustomerCategory>IND</CustomerCategory>
  <Gender>M</Gender>
  <Pan>abcdr1234y</Pan>
  <Din>12345dd56</Din>
  <Cin>12345dd56</Cin>
  <PassportNumber>123456789</PassportNumber>
  <DrivingLicenseNumber>123456789</DrivingLicenseNumber>
```

```
<DateOfBirth>11-Nov-2020</DateOfBirth>
<BirthCity>Birth City</BirthCity>
<CountryOfBirth>IN</CountryOfBirth>
<Nationalities>
  <Nationality>IN</Nationality>
  <Nationality>AF</Nationality>
  <Nationality>AX</Nationality>
</Nationalities>
<CorrespondenceAddressLine1>abc residency</CorrespondenceAddressLine1>
<CorrespondenceAddressLine2>abc</CorrespondenceAddressLine2>
<CorrespondenceAddressLine3>abc</CorrespondenceAddressLine3>
<CorrespondenceAddressCity>Mumbai</CorrespondenceAddressCity>
<CorrespondenceAddressState>Maharashtra</CorrespondenceAddressState>
<CorrespondenceAddressCountry>IN</CorrespondenceAddressCountry>
<CorrespondenceAddressPinCode>410209</CorrespondenceAddressPinCode>
<PermanentAddressLine1>abc residency</PermanentAddressLine1>
<PermanentAddressLine2>xyz</PermanentAddressLine2>
<PermanentAddressLine3>xyz</PermanentAddressLine3>
<PermanentAddressCity>Mumbai</PermanentAddressCity>
<PermanentAddressState>Maharashtra</PermanentAddressState>
<PermanentAddressCountry>IN</PermanentAddressCountry>
<PermanentAddressPinCode>410209</PermanentAddressPinCode>
<WorkMobileISD>+91</WorkMobileISD>
<WorkMobileNumber>9999999999</WorkMobileNumber>
<PersonalMobileISD>+91</PersonalMobileISD>
<PersonalMobileNumber>9999999999</PersonalMobileNumber>
<WorkEmail>abc@gmail.com</WorkEmail>
<PersonalEmail>abc@gmail.com</PersonalEmail>
<Tags>
  <Tag>1</Tag>
```

```
  <Tag>2</Tag>

  <Tag>4</Tag>

 </Tags>

<ProductSegments>

  <ProductSegment>BSE_CASH</ProductSegment>

  <ProductSegment>NSE_FNO</ProductSegment>

  <ProductSegment>Other</ProductSegment>

 </ProductSegments>

 <ScreeningCategory>Initial Screening Master</ScreeningCategory>

</ScreeningRequestData>
```

5. Request Parameter Description

Table 1: Request – Main

Field Name / XML Tag	Mandatory	Data Type	Length	Remarks
ApiToken	Yes	String	60	Static Value Will be shared by TrackWizz Team during implementation.
SessionKey	Yes	String		Each request gets encrypted using two type of encryption. First, the data will get encrypted using symmetric session key, this key will be unique for each request. This key will also be sent with the request after encrypting it using asymmetric key.
RequestData	Yes	Complex		

Table 2: RequestData

Field Name / XML Tag	Mandatory	Data Type	Remarks
RequestId	Yes	String	It is a Request number, basically a Transaction request number.
RecordIdentifier	No	Varchar	This is a unique number given by SourceSystem to this individual / entity in your organization.
ApplicationRefNumber	No	Varchar	Application reference number is like a proposal number or an Application Form Number.
IntermediaryCode	No	Varchar	It can be Branch Code or Partner Code or Business Associate Code or Intermediary Code.
SourceSystemName	No	Varchar	Name of the Source System from where the data is flowing should be mentioned. Please inform prior to Trackwizz team for creating the SourceSystem which you will pass in the request.
ParentCompany	Yes	Varchar	Static Value Will be shared by TrackWizz Team during implementation.
FirstName	Yes	Varchar	For Individual Full Name can also be passed here and for Legal Entity full name has to be passed here.
MiddleName	No	Varchar	
LastName	No	Varchar	
CustomerCategory	Yes	Varchar	Values possible **"IND", "NON IND"** IND=Individual, NON IND=Non Individual
Gender	No	Varchar	Values possible: **"M", "F"**. M=Male, F=Female.
PAN	No	Varchar	Tax Identification Number – Permanent Account Number.
DIN	No	Varchar	Director Identification Number issued by Ministry of Corporate Affairs India.
CIN	No	Varchar	Corporate Identification Number issued by Ministry of Corporate Affairs India.
PassportNumber	No	Varchar	
DrivingLicenseNumber	No	Varchar	
DateOfBirth	No	Varchar	Format DD-MMM-YYYY For Non-Individual Pass Date of Incorporation

BirthCity	No	Varchar	
CountryOfBirth	No	Varchar	Country should be in ISO 2 digit as per table 1.1 Country Enum
Nationality	No	Varchar	Multiple values possible. Country should be in ISO 2 digit as per table 1.1 Country Enum
CorrespondenceAddressLine1	No	Varchar	
CorrespondenceAddressLine2	No	Varchar	
CorrespondenceAddressLine3	No	Varchar	
CorrespondenceAddressCity	No	Varchar	
CorrespondenceAddressState	No	Varchar	
CorrespondenceAddressCountry	No	Varchar	Country should be in ISO 2 digit as per table 1.1 Country Enum
CorrespondenceAddressPinCode	No	Varchar	Zip code
PermanentAddressLine1	No	Varchar	
PermanentAddressLine2	No	Varchar	
PermanentAddressLine3	No	Varchar	
PermanentAddressCity	No	Varchar	
PermanentAddressState	No	Varchar	
PermanentAddressCountry	No	Varchar	Country should be in ISO 2 digit as per table 1.1 Country Enum
PermanentAddressPinCode	No	Varchar	Zip code
WorkMobileISD	No	Varchar	
WorkMobileNumber	No	Varchar	
PersonalMobileISD	No	Varchar	
PersonalMobileNumber	No	Varchar	
WorkEmail	No	Varchar	
PersonalEmail	No	Varchar	
Tags	No	Varchar	This field can be kept null.
ProductSegments	No	Varchar	Multiple values can be passed. It will be shared by TrackWizz Team during implementation.
ScreeningCategory	Yes	Varchar	Should be passed as **"Initial Screening Master"** only

Table 3: Country Enum

Note: Please pass the ISO2Digitcode mentioned below.

Name	Iso2DigitCode
India	IN
Afghanistan	AF
Aland Islands	AX
Albania	AL
Algeria	DZ
American Samoa	AS
Andorra	AD
Angola	AO
Anguilla	AI
Antarctica	AQ
Antigua And Barbuda	AG
Argentina	AR
Armenia	AM
Aruba	AW
Australia	AU
Austria	AT
Azerbaijan	AZ
Bahamas	BS
Bahrain	BH
Bangladesh	BD
Barbados	BB
Belarus	BY
Belgium	BE
Belize	BZ
Benin	BJ

Bermuda	BM
Bhutan	BT
Bolivia	BO
Bosnia And Herzegovina	BA
Botswana	BW
Bouvet Island	BV
Brazil	BR
British Indian Ocean Territory	IO
Brunei Darussalam	BN
Bulgaria	BG
Burkina Faso	BF
Burundi	BI
Cambodia	KH
Cameroon	CM
Canada	CA
Cape Verde	CV
Cayman Islands	KY
Central African Republic	CF
Chad	TD
Chile	CL
China	CN
Christmas Island	CX
Cocos (Keeling) Islands	CC
Colombia	CO
Comoros	KM
Congo	CG
Congo, The Democratic Republic Of The	CD
Cook Islands	CK

Costa Rica	CR
Côte D'ivoire	CI
Croatia	HR
Cuba	CU
Cyprus	CY
Czech Republic	CZ
Denmark	DK
Djibouti	DJ
Dominica	DM
Dominican Republic	DO
Ecuador	EC
Egypt	EG
El Salvador	SV
Equatorial Guinea	GQ
Eritrea	ER
Estonia	EE
Ethiopia	ET
Falkland Islands (Malvinas)	FK
Faroe Islands	FO
Fiji	FJ
Finland	FI
France	FR
French Guiana	GF
French Polynesia	PF
French Southern Territories	TF
Gabon	GA
Gambia	GM
Georgia	GE

Germany	DE
Ghana	GH
Gibraltar	GI
Greece	GR
Greenland	GL
Grenada	GD
Guadeloupe	GP
Guam	GU
Guatemala	GT
Guernsey	GG
Guinea	GN
Guinea-Bissau	GW
Guyana	GY
Haiti	HT
Heard Island And McDonald Islands	HM
Vatican City State	VA
Honduras	HN
Hong Kong	HK
Hungary	HU
Iceland	IS
Indonesia	ID
Iran, Islamic Republic Of	IR
Iraq	IQ
Ireland	IE
Isle Of Man	IM
Israel	IL
Italy	IT
Jamaica	JM

Japan	JP
Jersey	JE
Jordan	JO
Kazakhstan	KZ
Kenya	KE
Kiribati	KI
Korea, Democratic People's Republic Of	KP
Korea, Republic Of	KR
Kuwait	KW
Kyrgyzstan	KG
Lao People's Democratic Republic	LA
Latvia	LV
Lebanon	LB
Lesotho	LS
Liberia	LR
Libyan Arab Jamahiriya	LY
Liechtenstein	LI
Lithuania	LT
Luxembourg	LU
Macao	MO
Macedonia, The Former Yugoslav Republic Of	MK
Madagascar	MG
Malawi	MW
Malaysia	MY
Maldives	MV
Mali	ML
Malta	MT

Marshall Islands	MH
Martinique	MQ
Mauritania	MR
Mauritius	MU
Mayotte	YT
Mexico	MX
Micronesia, Federated States Of	FM
Moldova, Republic Of	MD
Monaco	MC
Mongolia	MN
Montenegro	ME
Montserrat	MS
Morocco	MA
Mozambique	MZ
Myanmar	MM
Namibia	NA
Nauru	NR
Nepal	NP
Netherlands	NL
New Caledonia	NC
New Zealand	NZ
Nicaragua	NI
Niger	NE
Nigeria	NG
Niue	NU
Norfolk Island	NF
Northern Mariana Islands	MP
Norway	NO

Oman	OM
Pakistan	PK
Palau	PW
Palestinian Territory, Occupied	PS
Panama	PA
Papua New Guinea	PG
Paraguay	PY
Peru	PE
Philippines	PH
Pitcairn	PN
Poland	PL
Portugal	PT
Puerto Rico	PR
Qatar	QA
Reunion Island	RE
Romania	RO
Russian Federation	RU
Rwanda	RW
Saint Barthelemy	BL
Saint Helena, Ascension And Tristan da Cunha	SH
Saint Kitts And Nevis	KN
Saint Lucia	LC
Saint Martin	MF
Saint Pierre And Miquelon	PM
Saint Vincent And The Grenadines	VC
Samoa	WS
San Marino	SM
Sao Tome And Principe	ST

Saudi Arabia	SA
Senegal	SN
Serbia	RS
Seychelles	SC
Sierra Leone	SL
Singapore	SG
Slovakia	SK
Slovenia	SI
Solomon Islands	SB
Somalia	SO
South Africa	ZA
South Georgia And The South Sandwich Islands	GS
Spain	ES
Sri Lanka	LK
Sudan	SD
Suriname	SR
Svalbard And Jan Mayen Islands	SJ
Swaziland	SZ
Sweden	SE
Switzerland	CH
Syrian Arab Republic	SY
Taiwan, Province Of China	TW
Tajikistan	TJ
Tanzania, United Republic Of	TZ
Thailand	TH
Timor-Leste	TL
Togo	TG
Tokelau	TK

Tonga	TO
Trinidad And Tobago	TT
Tunisia	TN
Turkey	TR
Turkmenistan	TM
Turks And Caicos Islands	TC
Tuvalu	TV
Uganda	UG
Ukraine	UA
United Arab Emirates	AE
United Kingdom	GB
United States	US
United States Minor Outlying Islands	UM
Uruguay	UY
Uzbekistan	UZ
Vanuatu	VU
Venezuela, Bolivarian Republic Of	VE
Viet Nam	VN
Virgin Islands, British	VG
Virgin Islands, U.S.	VI
Wallis And Futuna	WF
Western Sahara	EH
Yemen	YE
Zambia	ZM
Zimbabwe	ZW
Serbia And Montenegro	YU
Bonaire, Sint Eustatius And Saba	BQ
Curacao	CW

Sint Maarten	SX
South Sudan	SS
Kosovo	XK
East Timor	TL
Crimea & Sevastopol	Z1
Alderney	LD
Sark	C1
Northern Cyprus	N1
Not Categorized	YY

6. Request Encryption Steps

- Consider Data to be Encrypted is

```xml
<?xml version="1.0" encoding="UTF-8"?>
<ScreeningRequestData xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <RequestId>123</RequestId>
  <RecordIdentifier>815d1354-5b49-4b79-8498-30e062f2b0ce</RecordIdentifier>
  <ApplicationRefNumber>123</ApplicationRefNumber>
  <IntermediaryCode>Abc</IntermediaryCode>
  <SourceSystemName>Flexi</SourceSystemName>
  <ParentCompany>123</ParentCompany>
  <FirstName>hasheem</FirstName>
  <MiddleName />
  <LastName />
  <CustomerCategory>IND</CustomerCategory>
  <Gender>M</Gender>
  <Pan>abcdr1234y</Pan>
  <Din>12345dd56</Din>
  <Cin>12345dd56</Cin>
  <PassportNumber>123456789</PassportNumber>
  <DrivingLicenseNumber>123456789</DrivingLicenseNumber>
  <DateOfBirth>11-Nov-2020</DateOfBirth>
  <BirthCity>Birth City</BirthCity>
  <CountryOfBirth>IN</CountryOfBirth>
  <Nationalities>
    <Nationality>IN</Nationality>
    <Nationality>AF</Nationality>
    <Nationality>AX</Nationality>
  </Nationalities>
  <CorrespondenceAddressLine1>abc residency</CorrespondenceAddressLine1>
  <CorrespondenceAddressLine2>abc</CorrespondenceAddressLine2>
  <CorrespondenceAddressLine3>abc</CorrespondenceAddressLine3>
  <CorrespondenceAddressCity>Mumbai</CorrespondenceAddressCity>
  <CorrespondenceAddressState>Maharashtra</CorrespondenceAddressState>
  <CorrespondenceAddressCountry>IN</CorrespondenceAddressCountry>
  <CorrespondenceAddressPinCode>410209</CorrespondenceAddressPinCode>
  <PermanentAddressLine1>abc residency</PermanentAddressLine1>
  <PermanentAddressLine2>xyz</PermanentAddressLine2>
  <PermanentAddressLine3>xyz</PermanentAddressLine3>
  <PermanentAddressCity>Mumbai</PermanentAddressCity>
  <PermanentAddressState>Maharashtra</PermanentAddressState>
  <PermanentAddressCountry>IN</PermanentAddressCountry>
  <PermanentAddressPinCode>410209</PermanentAddressPinCode>
```

```
<WorkMobileISD>+91</WorkMobileISD>
<WorkMobileNumber>9999999999</WorkMobileNumber>
<PersonalMobileISD>+91</PersonalMobileISD>
<PersonalMobileNumber>9999999999</PersonalMobileNumber>
<WorkEmail>abc@gmail.com</WorkEmail>
<PersonalEmail>abc@gmail.com</PersonalEmail>
<Tags>
  <Tag>1</Tag>
  <Tag>2</Tag>
  <Tag>4</Tag>
</Tags>
<ProductSegments>
  <ProductSegment>BSE_CASH</ProductSegment>
  <ProductSegment>NSE_FNO</ProductSegment>
  <ProductSegment>Other</ProductSegment>
</ProductSegments>
<ScreeningCategory>Initial Screening Master</ScreeningCategory>
</ScreeningRequestData>
```

- Following are the steps to be followed for encryption

1. Generate a Session Key of 256 bit.

2. Encrypt the data using AES (Symmetric Algorithm) using the above generated Session Key

3. Encode the above encrypted data to Base64 string. Example: The above sample data would look like following: f86EzPWUEaqwTEAMyfrjANBgkqhkiG9w0BAQsFADCBkzr2ZLVncZb3u

4. Encrypt the session key using Public Key of the Receiver, using RSA (Asymmetric Algorithm)

5. Encode the above encrypted Session Key to Base64 string.

6. Add this encrypted and encoded data and Session Key to the request XML.

Example: The request would look like following:

```
<?xml version="1.0" encoding="UTF-8"?>
<A64EncryptedRequestModel xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <ApiToken>fa825d85-57bc-4894-915e-de70c24458db</ApiToken>
```

machine data base64 blocks

```
<SessionKey>WJZ0q5g7WFPQd2ez6LYqflxps/0g9oWYqx+RCxRq3vNpIZsMzUccFvlwNa1ozC607Y+u3P6C
mojLWKB+27MCf2LtfVuMVnQO6TYNZl0IKMeNGtW8nhUNiaTPM9U9OYjENYoXYU/h6D+ExzhK0LSpmQ
dRjWi4UcJk2PVDTnzcp91W972PTKVVcJSGxYIZ4mgSiPIWqphkOD9o1jBhXor4VdpX/M588AbvdYC4hOQp
W7/Z4hFmIuTCoeLVVulnlxAF74oNY4i/xojnVKyjmuH0ECA6co1RkiWotel2VxMXhC1/C3gnoJLbtpw1hDw
8QmzF5Mp6L24/ICZ790HazIPQdg==</SessionKey>

<RequestData>2rQP1b+mhXFKm9hZmd6s65XFMpsKuvUjflOLrpuMzaFTkEujCsRFICgcTfJqWUzP2IWpImf
```

LzfMEpb2zcDMnM0uQdw4cSdLZ08R63laN6FwZkvRNf2oN8SjFKnbTloglbNqbMuxDbQyvJgR1hEhbp8vbu
qfyK+cbqcpCOXTuLg9ljOjKAoI7Jm/rd5ts7h/dFk5x3+H22nPsGT5VaFRIFltr+LmrBQHlkfAomJfl7b2Bpadd4
vM0gqoa7VTC1bFiSy60HT0kFdncIptiFX7LORbx9/YnhXhkTWfPKu8xCrPG/4JsxLNQxe5hH6Izh7Vwk+e+xe
sJpFHzhdC5qdSkrboY/qqZBKpycmr10QfWGkYh4q3kj6mKGgT/sweHukY+5+9OS7DSwl92UcvpnEDIuJy8y
Q/HemmVMCYTmvcOoJftXRVv6uhVOH9JltIqt3dt+jY6SfbOtjhFLBD3SIiH44+OgK0PJo5ZfZE2OL7Mgn3ViG
iUF6d</RequestData>
</A64EncryptedRequestModel>

7.Using the Private Key of the Sender, sign the entire request XML. The request of A64 API will look like following

<?xml version="1.0" encoding="utf-16"?>
<A64EncryptedRequestModel xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <ApiToken>fa825d85-57bc-4894-915e-de70c24458db</ApiToken>
  <SessionKey>WJZ0q5g7WFPQd2ez6LYqflxps/0g9oWYqx+RCxRq3vNpIZsMzUccFvlwNa1ozC607Y+u3P6
CmojLWKB+27MCf2LtfVuMVnQO6TYNZl0IKMeNGtW8nhUNiaTPM9U9OYjENYoXYU/h6D+ExzhK0LSpm
QdRjWi4UcJk2PVDTnzcp91W972PTKVVcJSGxYIZ4mgSiPIWqphkOD9o1jBhXor4VdpX/M588AbvdYC4hO
QpW7/Z4hFmIuTCoeLVVulnlxAF74oNY4i/xojnVKyjmuH0ECA6co1RkiWotel2VxMXhC1/C3gnoJLbtpw1h
Dw8QmzF5Mp6L24/ICZ790HazIPQdg==</SessionKey>
  <RequestData>2rQP1b+mhXFKm9hZmd6s65XFMpsKuvUjflOLrpuMzaFTkEujCsRFICgcTfJqWUzP2IWpI
mfLzfMEpb2zcDMnM0uQdw4cSdLZ08R63laN6FwZkvRNf2oN8SjFKnbTloglbNqbMuxDbQyvJgR1hEhbp8
vbuqfyK+cbqcpCOXTuLg9ljOjKAoI7Jm/rd5ts7h/dFk5x3+H22nPsGT5VaFRIFltr+LmrBQHlkfAomJfl7b2Bpa
dd4vM0gqoa7VTC1bFiSy60HT0kFdncIptiFX7LORbx9/YnhXhkTWfPKu8xCrPG/4JsxLNQxe5hH6Izh7Vwk+e
+xesJpFHzhdC5qdSkrboY/qqZBKpycmr10QfWGkYh4q3kj6mKGgT/sweHukY+5+9OS7DSwl92UcvpnEDIuJ
y8yQ/HemmVMCYTmvcOoJftXRVv6uhVOH9JltIqt3dt+jY6SfbOtjhFLBD3SIiH44+OgK0PJo5ZfZE2OL7Mgn3
ViGiUF6d
</RequestData>

<Signature xmlns="http://www.w3.org/2000/09/xmldsig#">
 <SignedInfo>
  <CanonicalizationMethod Algorithm="http://www.w3./2001/REC-xml-c14n-20010315" />
  <SignatureMethod Algorithm="http://www.w3.org/2000/09/xmldsig#rsa-sha1" />
  <Reference URI="">
   <Transforms>
    <Transform Algorithm="http://www.w3.org/2000/09/xmldsig#enveloped-signature" />
   </Transforms>
   <DigestMethod Algorithm="http://www.w3.org/2000/09/xmldsig#sha1" />
   <DigestValue>ZGtVlvmyb+eQpBViKp6TnZisvAw=</DigestValue>
  </Reference>
 </SignedInfo>
  <SignatureValue>isce5Z9fGGZxs09p8kB9SeYW4GmAEvwpk</SignatureValue>
  <KeyInfo>
   <X509Data>

```
      <X509SubjectName>CN=SAGAR CHANDRAKANT TANNA</X509SubjectName>
      <X509Certificate>MIIGlzCCBX+gAwIBAgIEAR3GGDANBgkqhkiG9w0BAQ</X509Certificate>
    </X509Data>
  </KeyInfo>
</Signature>


</A64EncryptedRequestModel>
```

7. Sample Failure Response

```
<?xml version="1.0" encoding="UTF-8"?>
<A64EncryptedResponseModel xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <RejectionCode>RC666</RejectionCode>
  <RejectionMessage>RC666 : Invalid API Token or API Token is not recognized.</RejectionMessage>
  <RequestStatus>Rejected by TW</RequestStatus>
  <SessionKey />
  <ResponseData />
</A64EncryptedResponseModel>
```

Note: Failure Response will come without Signature in case of invalid API Token

8. Sample Success Response

```
<?xml version="1.0" encoding="utf-16"?>
<A64EncryptedResponseModel xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
```

```
<SessionKey>B20jYZy2UbfJ+fcMsQwOMFGF/npiclj8KBaemis61v3XSlPfTwPESI64PTmlmv4G7jaGM8TW7
eUesgBZ2R8O02jU9XQefYzgTHQy3eFvLZEOtrOvxWGsvKL7+DaRz5PurKpCKBwpZq7ZTH+7mL1mNrRATr
WSwJdPOZf83QhRbmmz0m3CGpJMJX5aW89P5EXpeQ6K6bgII2y17dqckVSmhLm6Zmvqz8lZ+/eiKc4aGU
2vkNGbdV5GXabLIjpaJS3sOhhAp1/zm1ZcGATXa/Wz2lG9iQJPlYXKDA9CwbFA9kL2Ssn4dksS/LGJljdogWD
rP1WmBXUmvqHtZKggbc4qCw==</SessionKey>


<ResponseData>L63E5mC3J27AU9wUexRQUG5NPkfGBNITm3ec3wZm5nhrblMMwZB2bvSozZSUSJ/lgyj
DMea8rQWhMuhK03WeX3XWuC/3auKlttF8rzs2JelONqs+3YO2X4JcPzO3EzaT/iwgZruFj7HPgyY3P1ajWP
2HBiaurTSuKsQoUzX/0ToOoYilNNqRJPMg41xzSSCM79Uzy9+YB2hBwxQLycfg0L2qhz4tQNJXSCOUmT2jO
```

o7SFZJrzw0l4IoQvquHbSS6Qun6d8J4U5SuUcvqMkB8mSd8Oyfmkp8aRjJ/i86QCArhpCVfB+OYvqAMq8F
nRv6F14PaufJ2UdLpFtnOVChQFBuaPKh3Gz9wJWnrP1IEjDJwx+7ibrJ+e+b1ivDPhKEA1VmXQfcgAXKdoN
ungNWJ4K6ebnxDcNAy/6w2Nn98u9X9HvWxrJiK2Yt1HGOT0CcpylqSVLwm/6Gf0MwnN3Y6KbFUWTP62
cHm/XAHJIgoFaY/O4XStkwqxuj7ixYoFgQ6mbeyBoBnXl44vSZKFAPz6VLJjFLXRVRtIwJ5Cbz4EO6RcYESn+d
wNY81SRCBDLfiB1/cyKUFCe+fk2QMh0Q50iT2LSnKURPiGJ8jG+ZcyxYhWhIHRPPO+PoljwK8mX7Ts5X+gt
VEyDHt9uUvzBSjH3m+438IboPAH85z5zKno/+38C2AfCkmDp/bN5CIbMrXybkyIyuqLCGAp8aQPGNDp9U
HEhYuoOqmX0cmULq3vEOh25d96Vb2X5uuDZgnttdz</ResponseData>

<Signature xmlns="http://www.w3.org/2000/09/xmldsig#">
 <SignedInfo>
  <CanonicalizationMethod Algorithm="http://www.w3./2001/REC-xml-c14n-20010315" />
  <SignatureMethod Algorithm="http://www.w3.org/2000/09/xmldsig#rsa-sha1" />
  <Reference URI="">
   <Transforms>
    <Transform Algorithm="http://www.w3.org/2000/09/xmldsig#enveloped-signature" />
   </Transforms>
   <DigestMethod Algorithm="http://www.w3.org/2000/09/xmldsig#sha1" />
   <DigestValue>ZGtVlvmyb+eQpBViKp6TnZisvAw=</DigestValue>
  </Reference>
 </SignedInfo>
 <SignatureValue>isce5Z9fGGZxs09p8kB9SeYW4GmAEvwpk</SignatureValue>
 <KeyInfo>
  <X509Data>
   <X509SubjectName>CN=SAGAR CHANDRAKANT TANNA</X509SubjectName>
   <X509Certificate>MIIGlzCCBX+gAwIBAgIEAR3GGDANBgkqhkiG9w0BAQ</X509Certificate>
  </X509Data>
 </KeyInfo>
</Signature>

</A64EncryptedResponseModel>

Note: Verify Signature and Decrypt data. After Decryption you get 2 type of plain text in XML format

9. Sample Decrypted ResponseData

9.1 Decrypted Response with rejection Code

```xml
<?xml version="1.0" encoding="utf-16"?>
<A64ResponseModel xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">

  <ScreeningResults>
    <ResponseId>89</ResponseId>
    <RequestId>123</RequestId>
    <Matched>Error</Matched>
    <AlertCount></AlertCount>
    <RejectionCode>RC777</RejectionCode>
    <RequestStatus>Rejected by TW</RequestStatus>
    <RejectionMessage>RC777:Parent Company is missing</RejectionMessage>
    <Alerts></Alerts>
    <ApiToken>fa825d85-57bc-4894-915e-de70c24458db</ApiToken>
    <ReportData></ReportData>
  </ScreeningResults>
</A64ResponseModel>
```

9.2 Decrypted Response with Alerts

```xml
<?xml version="1.0" encoding="utf-16"?>
<A64ResponseModel xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <ScreeningResults>
    <ResponseId>88</ResponseId>
    <RequestId>123</RequestId>
    <Matched>Match</Matched>
    <AlertCount>1</AlertCount>
    <Alerts>
      <Alert>
        <SrNo>1</SrNo>
        <Source>WorldCheck</Source>
        <SourceUniqueId>1839237</SourceUniqueId>
```

```
        <TrackwizzId>3775547</TrackwizzId>
        <PrimaryMatch>A24 - Name Vowel Matching</PrimaryMatch>
        <MatchType>Probable</MatchType>
        <Score></Score>
      </Alert>
    </Alerts>
    <ApiToken>fa825d85-57bc-4894-915e-de70c24458db</ApiToken>
    <ReportData>isce5Z9fGGZxs09p8kB9SeYW4GmAEvwpk</ReportData>
    <RejectionCode></RejectionCode>
    <RequestStatus></RequestStatus>
    <RejectionMessage></RejectionMessage>
  </ScreeningResults>
</A64ResponseModel>
```

10. Response Parameter Description

Table 5: Response - Main

Field Name/XML Tag	Mandatory	Data type	Length	Remarks
RequestStatus	Yes	String	60	Possible Values: Accepted by TW/Rejected by TW
RequestRejectionCode	No	String	60	
RequestRejectionDescription	No	String	500	
SessionKey	No	String		
ResponseData	No	String		

Table 6: Response Data

Field Name/XML Tag	Mandatory	Data type	Length	Remarks
RequestId	Yes	String	60	Same as incoming Request
ResponseId	Yes	string	60	
Matched	Yes	String	60	"Match"/"Not Match"/"Error"
AlertCount	No	String	100	
RejectionCode	No	String	60	
RejectionMessage	No	String	500	

Email: support@tssconsultancy.com
Contact: +91 22 – 6164 1111

RequestStatus	No	String	60	Possible Values: Accepted by TW/Rejected by TW
Alerts	No	String		
ApiToken	No	String	60	
ReportData	No	string	Max	Base64 Encoded Report

Table 7: Alerts

Field Name/XML Tag	Mandatory y	Data type	Length	Remarks
SrNo	Yes	Number		
Source	Yes	String	60	
PrimaryMatch	Yes	String	100	Activity Code - Activity Name For E.g.: A13 - Pan Matching
Match Type	Yes	String	20	Confirmed / Probable
SourceUniqueId	Yes	String	60	
TrackwizzId	Yes	Number		
Score	No	String		

11. Response Decryption Steps

- Consider the following response for the above request made to a system

```
<?xml version="1.0" encoding="UTF-8"?>
<A64EncryptedResponseModel xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">

<SessionKey>B20jYZy2UbfJ+fcMsQwOMFGF/npiclj8KBaemis61v3XSlPfTwPESI64PTmlmv4G7jaGM8TW7
eUesgBZ2R8O02jU9XQefYzgTHQy3eFvLZEOtrOvxWGsvKL7+DaRz5PurKpCKBwpZq7ZTH+7mL1mNrRATr
WSwJdPOZf83QhRbmmz0m3CGpJMJX5aW89P5EXpeQ6K6bgII2y17dqckVSmhLm6Zmvqz8lZ+/eiKc4aGU
2vkNGbdV5GXabLIjpaJS3sOhhAp1/zm1ZcGATXa/Wz2lG9iQJPlYXKDA9CwbFA9kL2Ssn4dksS/LGJljdogWD
rP1WmBXUmvqHtZKggbc4qCw==</SessionKey>

<ResponseData>L63E5mC3J27AU9wUexRQUG5NPkfGBNITm3ec3wZm5nhrblMMwZB2bvSozZSUSJ/lgyj
DMea8rQWhMuhK03WeX3XWuC/3auKlttF8rzs2JelONqs+3YO2X4JcPzO3EzaT/iwgZruFj7HPgyY3P1ajWP
```

2HBiaurTSuKsQoUzX/0ToOoYilNNqRJPMg41xzSSCM79Uzy9+YB2hBwxQLycfg0L2qhz4tQNJXSCOUmT2jO
o7SFZJrzw0</ResponseData>

```xml
  <Signature xmlns="http://www.w3.org/2000/09/xmldsig#">
   <SignedInfo>
    <CanonicalizationMethod Algorithm="http://www.w3./2001/REC-xml-c14n-20010315" />
    <SignatureMethod Algorithm="http://www.w3.org/2000/09/xmldsig#rsa-sha1" />
    <Reference URI="">
     <Transforms>
       <Transform Algorithm="http://www.w3.org/2000/09/xmldsig#enveloped-signature" />
     </Transforms>
     <DigestMethod Algorithm="http://www.w3.org/2000/09/xmldsig#sha1" />
     <DigestValue>ZGtVlvmyb+eQpBViKp6TnZisvAw=</DigestValue>
    </Reference>
   </SignedInfo>
   <SignatureValue>isce5Z9fGGZxs09p8kB9SeYW4GmAEvwpk</SignatureValue>
   <KeyInfo>
    <X509Data>
     <X509SubjectName>CN=SAGAR CHANDRAKANT TANNA</X509SubjectName>
     <X509Certificate>MIIGlzCCBX+gAwIBAgIEAR3GkqhkiG9w0BAQ</X509Certificate>
    </X509Data>
   </KeyInfo>
  </Signature>
</A64EncryptedResponseModel>
```

- Following are the steps to decrypt and read the response

1. Verify the signature in Response XML using Public Key Present at Sender's

2. Decode the Session Key from the Response XML.

3. Decrypt the above Session Key by Receiver's Private Key using RSA (Asymmetric Algorithm)

4. Decode the data in Response XML.

5. Decrypt the data by Session Key (derived from above) using AES (Symmetric Algorithm).

- After the above decryption, the Response Data in Response XML will look like follows:

```xml
<?xml version="1.0" encoding="utf-16"?>
<A64ResponseModel xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
 <ScreeningResults>
  <ResponseId>88</ResponseId>
  <RequestId>123</RequestId>
  <Matched>Match</Matched>
```

```
    <AlertCount>1</AlertCount>

    <Alerts>
     <Alert>
      <SrNo>1</SrNo>
      <Source>WorldCheck</Source>
      <SourceUniqueId>1839237</SourceUniqueId>
      <TrackwizzId>3775547</TrackwizzId>
      <PrimaryMatch>A24 - Name Vowel Matching</PrimaryMatch>
      <MatchType>Probable</MatchType>
      <Score></Score>
     </Alert>
    </Alerts>

    <ApiToken>fa825d85-57bc-4894-915e-de70c24458db</ApiToken>
    <ReportData>isce5Z9fGGZxs09p8kB9SeYW4GmAEvwpk</ReportData>
    <RejectionCode></RejectionCode>
    <RequestStatus></RequestStatus>
    <RejectionMessage></RejectionMessage>
   </ScreeningResults>
 </A64ResponseModel>
```

- Below is the sample decrypted output if any Rejection raise during validation Stage (except ApiToken Rejection)

```
<?xml version="1.0" encoding="utf-16"?>
<A64ResponseModel xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
 <ScreeningResults>
        <ResponseId>89</ResponseId>
        <RequestId>123</RequestId>
        <Matched>Error</Matched>
        <AlertCount></AlertCount>
        <RejectionCode>RC777</RejectionCode>
        <RequestStatus>Rejected by TW</RequestStatus>
        <RejectionMessage>RC777:Parent Company is missing</RejectionMessage>
        <Alerts></Alerts>
        <ApiToken>fa825d85-57bc-4894-915e-de70c24458db</ApiToken>
        <ReportData></ReportData>
```

    </**ScreeningResults**>
</**A64ResponseModel**>

12. Request and Response XSD

A64 API Request - Request XSD
```xml
<xs:schema attributeFormDefault="unqualified" elementFormDefault="qualified"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
 <xs:element name="A64EncryptedRequestModel">
  <xs:complexType>
   <xs:sequence>
    <xs:element type="xs:string" name="ApiToken"/>
    <xs:element type="xs:string" name="SessionKey"/>
    <xs:element type="xs:string" name="RequestData"/>
   </xs:sequence>
  </xs:complexType>
 </xs:element>
</xs:schema>
```

A64 API RequestData – Request XSD
```xml
<xs:schema attributeFormDefault="unqualified" elementFormDefault="qualified"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
 <xs:element name="ScreeningRequestData">
  <xs:complexType>
   <xs:sequence>
    <xs:element type="xs:byte" name="RequestId"/>
    <xs:element type="xs:string" name="RecordIdentifier"/>
    <xs:element type="xs:byte" name="ApplicationRefNumber"/>
    <xs:element type="xs:string" name="IntermediaryCode"/>
    <xs:element type="xs:string" name="SourceSystemName"/>
    <xs:element type="xs:byte" name="ParentCompany"/>
    <xs:element type="xs:string" name="FirstName"/>
    <xs:element type="xs:string" name="MiddleName"/>
    <xs:element type="xs:string" name="LastName"/>
    <xs:element type="xs:string" name="CustomerCategory"/>
    <xs:element type="xs:string" name="Gender"/>
    <xs:element type="xs:string" name="Pan"/>
    <xs:element type="xs:string" name="Din"/>
    <xs:element type="xs:string" name="Cin"/>
    <xs:element type="xs:int" name="PassportNumber"/>
    <xs:element type="xs:int" name="DrivingLicenseNumber"/>
    <xs:element type="xs:string" name="DateOfBirth"/>
```

```xml
<xs:element type="xs:string" name="BirthCity"/>
<xs:element type="xs:string" name="CountryOfBirth"/>
<xs:element name="Nationalities">
  <xs:complexType>
   <xs:sequence>
    <xs:element type="xs:string" name="Nationality" maxOccurs="unbounded" minOccurs="0"/>
   </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element type="xs:string" name="CorrespondenceAddressLine1"/>
<xs:element type="xs:string" name="CorrespondenceAddressLine2"/>
<xs:element type="xs:string" name="CorrespondenceAddressLine3"/>
<xs:element type="xs:string" name="CorrespondenceAddressCity"/>
<xs:element type="xs:string" name="CorrespondenceAddressState"/>
<xs:element type="xs:string" name="CorrespondenceAddressCountry"/>
<xs:element type="xs:int" name="CorrespondenceAddressPinCode"/>
<xs:element type="xs:string" name="PermanentAddressLine1"/>
<xs:element type="xs:string" name="PermanentAddressLine2"/>
<xs:element type="xs:string" name="PermanentAddressLine3"/>
<xs:element type="xs:string" name="PermanentAddressCity"/>
<xs:element type="xs:string" name="PermanentAddressState"/>
<xs:element type="xs:string" name="PermanentAddressCountry"/>
<xs:element type="xs:int" name="PermanentAddressPinCode"/>
<xs:element type="xs:byte" name="WorkMobileISD"/>
<xs:element type="xs:long" name="WorkMobileNumber"/>
<xs:element type="xs:byte" name="PersonalMobileISD"/>
<xs:element type="xs:long" name="PersonalMobileNumber"/>
<xs:element type="xs:string" name="WorkEmail"/>
<xs:element type="xs:string" name="PersonalEmail"/>
<xs:element name="Tags">
  <xs:complexType>
   <xs:sequence>
    <xs:element type="xs:byte" name="Tag" maxOccurs="unbounded" minOccurs="0"/>
   </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="ProductSegments">
  <xs:complexType>
   <xs:sequence>
    <xs:element type="xs:string" name="ProductSegment" maxOccurs="unbounded" minOccurs="0"/>
   </xs:sequence>
  </xs:complexType>
</xs:element>
```

```
      <xs:element type="xs:string" name="ScreeningCategory"/>
    </xs:sequence>
   </xs:complexType>
  </xs:element>
</xs:schema>
```

A64 API Response - Response XSD

```
<xs:schema attributeFormDefault="unqualified" elementFormDefault="qualified"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
 <xs:element name="A64EncryptedResponseModel">
  <xs:complexType>
   <xs:sequence>
     <xs:element type="xs:string" name="RejectionCode"/>
     <xs:element type="xs:string" name="RejectionMessage"/>
     <xs:element type="xs:string" name="RequestStatus"/>
     <xs:element type="xs:string" name="SessionKey"/>
     <xs:element type="xs:string" name="ResponseData"/>
   </xs:sequence>
  </xs:complexType>
 </xs:element>
</xs:schema>
```

A64 API ResponseData – Response XSD

Response with rejection Code

```
<xs:schema attributeFormDefault="unqualified" elementFormDefault="qualified"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
 <xs:element name="A64ResponseModel">
  <xs:complexType>
   <xs:sequence>
    <xs:element name="ScreeningResults">
     <xs:complexType>
      <xs:sequence>
       <xs:element type="xs:byte" name="ResponseId"/>
       <xs:element type="xs:byte" name="RequestId"/>
       <xs:element type="xs:string" name="Matched"/>
       <xs:element type="xs:string" name="AlertCount"/>
       <xs:element type="xs:string" name="RejectionCode"/>
       <xs:element type="xs:string" name="RequestStatus"/>
```

```
        <xs:element type="xs:string" name="RejectionMessage"/>
        <xs:element type="xs:string" name="Alerts"/>
        <xs:element type="xs:string" name="ApiToken"/>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  </xs:sequence>
 </xs:complexType>
</xs:element>
</xs:schema>
```

Response with Alerts

```
<xs:schema attributeFormDefault="unqualified" elementFormDefault="qualified"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
 <xs:element name="A64ResponseModel">
  <xs:complexType>
   <xs:sequence>
    <xs:element name="ScreeningResults">
     <xs:complexType>
      <xs:sequence>
       <xs:element type="xs:byte" name="ResponseId"/>
       <xs:element type="xs:byte" name="RequestId"/>
       <xs:element type="xs:string" name="Matched"/>
       <xs:element type="xs:byte" name="AlertCount"/>
       <xs:element name="Alerts">
        <xs:complexType>
         <xs:sequence>
          <xs:element name="Alert">
           <xs:complexType>
            <xs:sequence>
             <xs:element type="xs:byte" name="SrNo"/>
             <xs:element type="xs:string" name="Source"/>
             <xs:element type="xs:int" name="SourceUniqueId"/>
             <xs:element type="xs:int" name="TrackwizzId"/>
             <xs:element type="xs:string" name="PrimaryMatch"/>
             <xs:element type="xs:string" name="MatchType"/>
             <xs:element type="xs:string" name="Score"/>
            </xs:sequence>
           </xs:complexType>
          </xs:element>
         </xs:sequence>
        </xs:complexType>
       </xs:element>
       <xs:element type="xs:string" name="ApiToken"/>
```

```
      <xs:element type="xs:string" name="RejectionCode"/>
      <xs:element type="xs:string" name="RequestStatus"/>
      <xs:element type="xs:string" name="RejectionMessage"/>
    </xs:sequence>
   </xs:complexType>
  </xs:element>
 </xs:sequence>
 </xs:complexType>
 </xs:element>
</xs:schema>
```

13. Sample Data

Example 1:

Attribute	Value	Matching Response
Name	Dawood Ibrahim	
Nationality	India	
Date of Birth	31-12-1955	Matching found

Example 2:

Attribute	Value	Matching Response
Name	Ranjeet Mendon	
Nationality	India	
Date of Birth	24-05-1995	No Matching found
PAN	CXCPM6541J	
Country of Birth	India	