

One Guard Inspections Web Service Integration Guide

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Document Revision History

Version	Date	Description
1.0	4/26/12	Initial version
1.1	5/14/12	AuthenticateHeader Username parameter changed to UserName from Username. Updated sample responses. Updated live and test locations.
1.2	8/20/14	Update test site references

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One Guard Web Service Overview

The One Guard Inspections web service will allow authorized clients the ability to generate inspection requests in the One Guard system. And in response to any request generated, the One Guard system will provide the unique inspection ID.

Please Note: If the originator (the client creating the inspection request) requires the ability to receive updates on the status of any given inspection created via the web service, the originator will be required to implement an API to handle these periodically sent updates. Please contact One Guard to learn more about this.

One Guard Web Service Specification

The following specifies how a client will be able to utilize the One Guard Inspections web service.

Data Format

DataType	Description	Example
X(10)	Characters of max length of 10	ABCDEABCDE
Date	yyyy-mm-dd	1975-01-15
DateTime	yyyy-mm-ddThh:mm:ss	1975-01-15T12:23:40
N(5)	Number, max length of 5	12345
N(8,2)	Number with two decimals, max length of 8.	12356.78
Boolean	Boolean true or false	true
Object[]	Array of Objects	String[] arr = {"First element", "Second element", "Third element"}

The **SendInspectionRequestTPA** web method is used for generating inspection requests. Parameters are accepted as defined in the order shown below.

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Request Schema

Tag	Format	Required (R) / Optional (O)	Description
AuthenticateHeader Parameters			
<UserName>	X(30)	R	Provided by One Guard for secure access to service
<Password>	X(255)	R	Provided by One Guard for secure access to service
SendInspectionRequestTPA Parameters			
<RequesterName>	X(60)	R	Claim Adjuster Name
<RequesterExt>	X(10)	O	Claim Adjuster Phone
<RequesterEmail>	X(100)	O	Claim Adjuster Email
<ContractHolder>	X(91)	O	Contract Holder Name
<SaleDate>	DateTime	R	Contract Sale Date
<SaleOdometer>	X(10)	O	Contract Sale Odometer
<VehicleYear>	X(4)	R	Vehicle Year
<VehicleMake>	X(25)	R	Vehicle Make
<VehicleModel>	X(100)	R	Vehicle Model
<Mileage>	X(10)	R	Vehicle Mileage
<VIN>	X(17)	O	Vehicle VIN
<ContractNumber>	X(20)	R	Contract Number (Unique string identifying service contract)
<ClaimNumber>	X(20)	R	Claim number (Unique string identifying repair claim)
<InspectionType>	X(n)	R	Inspection Type (Default is 'Automotive')
<InspectionReason>	Object [] Array	R	1. Complaint from customer requesting repair 2. Cause as described by repair technician and claim adjuster

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			3. Correction made to address complaint Additional reason fields Additionally it can accept up to a total of 15 string array items (total of 18)
<RepairSite>	X(60)	R	Servicer Name
<Address1>	X(30)	O	Servicer Address 1
<Address2>	X(30)	O	Servicer Address 2
<City>	X(30)	O	Servicer City
<State>	X(2)	O	Servicer State
<Zip>	X(12)	O	Servicer Zip Code
<Phone>	X(10)	O	Servicer Phone (no country code or delimiters)
<Contact>	X(60)	R	Servicer Contact Person Name
<TpaCode>	X(4)	R	Third party admin code identifying client provider

Sample Inspection Request

```
<?xml version="1.0" encoding="UTF-8"?>
<SOAP-ENV:Envelope
  xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns:ns1="http://test.oneguardinspections.com/webService/api">

  <SOAP-ENV:Header>
    <ns1:AuthenticateHeader>
      <Username>username</Username>
      <Psssword>password</Password>
    </ns1:AuthenticateHeader>
  </SOAP-ENV:Header>
  <SOAP-ENV:Body>
    <SOAP-ENV:SendInspectionRequestTPA>
      <RequesterName>Jane Doe</RequesterName>
      <RequesterExt>9809879879</RequesterExt>
      <RequesterEmail>sample@test.com</RequesterEmail>
      <ContractHolder>Someone</ContractHolder>
      <SaleDate>2012-12-16 12:46:30</SaleDate>
      <SaleOdometer>234234</SaleOdometer>
    </SOAP-ENV:SendInspectionRequestTPA>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

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```

<VehicleYear>1975</VehicleYear>
<VehicleMake>Make</VehicleMake>
<VehicleModel>Model</VehicleModel>
<Mileage>12345</Mileage>
<VIN>23f245423fsdg24</VIN>
<ContractNumber>ABCDEFG</ContractNumber>
<ClaimNumber>34FRG6</ClaimNumber>
<InspectionType>Automotive</InspectionType>
<InspectionReason>
  <item>item 1 text of some reason information</item>
  <item>item 2 text of some reason information.</item>
  <item>item 3 text of some reason information.</item>
</InspectionReason>
<RepairSite>Facility Name</RepairSite>
<Address1>1234 5th Street</Address1>
<Address2>Suite 101</Address2>
<City>Somewhere</City>
<State>CO</State>
<Zip>80624</Zip>
<Phone>2342392304</Phone>
<Contact>John Doe</Contact>
<TpaCode>2345</TpaCode>
</SOAP-ENV:SendInspectionRequestTPA>
</SOAP-ENV:Body>
</SOAP-ENV:Envelope>

```

Response Schema

Tag	Content	Description
SendInspectionRequestTPAResponse	SendInspectionRequestTPAResult	Data type returned is a string and is a unique identifier generated by One Guard for inspection request generated

The One Guard web service will generate a unique numeric id for any successfully created inspection. The value returned will be a string data type.

Sample Successful Response

```

<?xml version="1.0" encoding="UTF-8"?>
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">
  <SOAP-ENV:Body>

```

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```
<SendInspectionRequestTPAResponse xmlns="http://InspectionService/">
  <SendInspectionRequestTPAResult>
    9999
  </SendInspectionRequestTPAResult>
</SendInspectionRequestTPAResponse>
</SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

The One Guard web service will return one of the following values if there is a failure in generating any inspection request.

Error Conditions

Return Value	Description
-1	Authentication error. There was a problem connecting to the One Guard Service using the provided credentials
-2	Required field error. Required fields are missing.
-3	Field validation error. Field data provided does not meet requirements. <i>Examples:</i> email address provided is not a properly formatted email address or phone number provided exceeds 10 characters.
-99	One Guard system error. Please contact One Guard for further support.

Sample Failure Response

```
<?xml version="1.0" encoding="UTF-8"?>
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">
  <SOAP-ENV:Body>
    <SendInspectionRequestTPAResponse xmlns="http://InspectionService/">
      <SendInspectionRequestTPAResult>
        -99
      </SendInspectionRequestTPAResult>
    </SendInspectionRequestTPAResponse>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

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Web Service URL / Location

One Guard provides 2 sets of URLs for your convenience, one for testing and one for live integration, which are listed as follows:

Test Location: <http://test.oneguardinspections.com/webService/api>

Test WSDL: [http:// test.oneguardinspections.com/webService/api?wsdl](http://test.oneguardinspections.com/webService/api?wsdl)

Live Location: <https://oneguardinspections.com/webService/api>

Live WSDL: <https://oneguardinspections.com/webService/api?wsdl>

Sample Integration

For testing purposes as well as your convenience only, a test integration has been created. At the URL listed below you will be able to interact with a form that has been integrated to the One Guard web service. Upon successful or failed submission of any inspection request a message stating the result will be displayed at the top of the page.

Notes

- An email will be sent to the email address specified in the request
- To get a username and password for this resource please contact One Guard

Location

[http:// test.oneguardinspections.com/webService/client.php](http://test.oneguardinspections.com/webService/client.php)