WIS Web Service

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This page will serve as a guide for you to use regarding the methods available to directly send your request to WIS from your internal application or website. The web service allows you to instantly, efficiently and securely send your inspection request directly to WIS.

This page you are viewing will be your first point of reference for any future methods such as the ability to receive request status and much more. Any technical issues please contact **IT Team** .

The location of the web service to enter in your application is **http://www.wisinspections.com/wiswebservice.asmx**

The following operations are supported. For a formal definition, please review the **Service Description**.

- **SendRequestB**
- **SendRequestC**
- **LaborRatesByZip**
- **LaborRatesByCityState**
- **CheckStatus**
- **GetMechReport**

All methods used by this service include a SOAP Header which authenticates your session. If you do not have a username and password please contact WIS customer service.

- **AuthenticateHeader**-SOAP Header to authenticate your session. The following are the required arguments.
  - Username-WIS supplied username
  - Password-WIS supplied password

SendRequestB is the method that will be used to instantly send your inspection request to WIS and receive a confirmation. There are various arguments that this method requires in the following order.

- **RequesterName-**A string value with the requester's name.
- **RequesterExt-**A string value with the requester's extension.
- **RequesterEmail-**A string value with the requester's email address.
- **ContractHolder-**A string value with the contract holder's name.
- **ContractSale-**A date value with the contract sale date.
- **ContractMileage-**A string value with the contract mileage.
- **VehicleYear-**A two digit string value with the year of the vehicle.
- **VehicleMake-**A string value with the make of the vehicle.
- **VehicleModel-**A string value with the model of the vehicle.
- **Mileage-**A string value with the mileage on the vehicle.
- **VinNo-**A seventeen digit string value with the vehicle identification number.
- **ContractNo-**A string value with the contract number.
- **AuthorizationNo-**A string value with the authorization number.
- **InspectionType-** Acceptable values:Automotive,RV,Mortorcycle/ATV
- **InspectionReason-**An array of up to 18 string values. This allows each reason for inspection to be separated.
- **RepairSite-**A string value with the name of the repair facility.
- **Address1-**A string value with the address of the repair facility.
- **Address2-**A string value with additional repair facility address info.
- **City-**A string value with the city of the repair facility.
- **State-**A string value with the state of the repair facility.
- **Zip-**A string value with the zip code of the repair facility.
- **Phone-**A string value with the phone number of the repair facility.
- **Contact-**A string value with the contact person at the repair facility.

The SendRequestB method will return a string value with the Request ID. An error message will be returned instead, if there was a problem with your submission.

SendRequestC is the alternative method to SendRequestB that will be used to instantly send your inspection request to WIS and receive a confirmation. SendRequestC is for those having issues sending Inspection Reasons as an array. There are various arguments that this method requires in the following order.

- **RequesterName-**A string value with the requester's name.
- **RequesterExt-**A string value with the requester's extension.
- **RequesterEmail-**A string value with the requester's email address.
- **ContractHolder-**A string value with the contract holder's name.
- **ContractSale-**A date value with the contract sale date.
- **ContractMileage-**A string value with the contract mileage.
- **VehicleYear-**A two digit string value with the year of the vehicle.
- **VehicleMake-**A string value with the make of the vehicle.
- **VehicleModel-**A string value with the model of the vehicle.
- **Mileage-**A string value with the mileage on the vehicle.
- **VinNo-**A seventeen digit string value with the vehicle identification number.
- **ContractNo-**A string value with the contract number.
- **AuthorizationNo-**A string value with the authorization number.
- **InspectionType-** Acceptable values:Automotive,RV,Mortorcycle/ATV
- **Concern1-**A string representing an inspection reason/concern.
- **Concern2-**A string representing an inspection reason/concern.
- **Concern3-**A string representing an inspection reason/concern.
- **Concern4-**A string representing an inspection reason/concern.
- **Concern5-**A string representing an inspection reason/concern.
- **Concern6-**A string representing an inspection reason/concern.
- **Concern7-**A string representing an inspection reason/concern.
- **Concern8-**A string representing an inspection reason/concern.
- **Concern9-**A string representing an inspection reason/concern.
- **Concern10-**A string representing an inspection reason/concern.
- **RepairSite-**A string value with the name of the repair facility.
- **Address1-**A string value with the address of the repair facility.
- **Address2-**A string value with additional repair facility address info.
- **City-**A string value with the city of the repair facility.
- **State-**A string value with the state of the repair facility.
- **Zip-**A string value with the zip code of the repair facility.
- **Phone-**A string value with the phone number of the repair facility.
- **Contact-**A string value with the contact person at the repair facility.

The SendRequestC method will return a string value with the Request ID. An error message will be returned instead, if there was a problem with your submission.

LaborRatesByZip is the method that will be used to retrieve a list of labor rates for the specified zip code. Only one argument is required for this method.

- **Zip-**A string value with the requested zipcode.
- **Term-**A String value representing the amount of months to search.

The LaborRatesByZip method will return a Dataset with the following fields: InspectDate, VehicleYear, VehicleMake, VehicleModel, LaborRate.

LaborRatesByCityState is the method that will be used to retrieve a list of labor rates for the specified location. The following arguments are required for this method.

- **City-**A string value with the requested city.
- **State-**A string value with the requested state.
- **Term-**A String value representing the amount of months to search.

The LaborRatesByCityState method will return a Dataset with the following fields: InspectDate, VehicleYear, VehicleMake, VehicleModel, LaborRate.

CheckStatus is the method that will be used to retrieve a link to pictures and/or report when available. The following arguments are required for this method.

- **RequestID-**WIS request number.

The CheckStatus method will return a Dataset with the following fields: RequestID, Details, Images and Report. These will be in the form of direct urls to the data.

GetMechReport is the method that will be used to instantly receive your inspection report from WIS. This method only takes one argument.

- **RequestID-**A string value representing the WIS request number.

Below is a list of fields returned in a dataset by the method.

- **RequestID-**WIS request number.
- **VerifyVin-**Vin verified by inspector.
- **RoNo-**Repair order number.
- **LaborRate-**Repair shop's labor rate.
- **VerifyMileage-**Mileage verified by inspector.
- **SvcHist-**Any service history of vehicle at shop.
- **Mods-**Any modifications to vehicle.
- **Commercial-**Any signs of commercial use.
- **FactoryTires-**Tire size.
- **Teardown-**Level of teardown.
- **Report-**Inspector's report.
- **FailureCause-**Cause of failure.
- **PreExist-**Any pre-existing condition.
- **Protect-**Owner failed to protect vehicle.
- **Abuse-**Any signs of abuse.
- **Collision-**Any signs of collision.
- **Towing-**Any evidence of towing.
- **Sludge-**Sludge or varnish present.
- **Overheat-**Any overheat.
- **Lube-**Any lack of lube damages.
- **InspectorOpinion-**Inspector opinion of required repairs.
- **OilLevel-**Engine oil level.
- **OilCondition-**Engine oil condition.
- **TransLevel-**Transmission fluid level.
- **TransCondition-**Transmission fluid condition.
- **CoolantLevel-**Coolant level.
- **CoolantCondition-**Coolant condition.
- **RadiatorLevel-**Radiator fluid level.
- **RadiatorCondition-**Radiator fluid condition.
- **TransferLevel-**Transfer Case fluid level.
- **TransferCondition-**Transfer Case fluid condition.
- **SteeringLevel-**Steering fluid level.
- **SteeringCondition-**Steering fluid condition.
- **FDiffLevel-**Front Differential fluid level.
- **FDiffCondition-**Front Differential fluid condition.
- **RDiffLevel-**Rear Differential fluid level.
- **RDiffCondition-**Rear Differential fluid condition.
- **BrakeLevel-**Brake fluid level.
- **BrakeCondition-**Brake fluid condition.
- **Belts-**Condition of belts.
- **Hoses-**Condition of hoses
- **Images-**URL to images and/or videos
- **Veriscan-**URL to Veriscan data

The GetMechReport method will return null data for all fields if report is not ready yet

The following ae helpful tutorials on how to consume a web service. You may also find additional help by googling 'Consume a web service using...'.

http://www.informit.com/library/content.aspx?b=Net_2003_21days&seqNum=145
Tutorials and examples of consuming a web service using ASP.NET(vb and c#), Windows Forms(vb and c#), VBScript

http://articles.techrepublic.com.com/5100-10548_11-5643603.html?tag=rbxccnbtr1#
Tutorial and example of consuming a web service using classic ASP

http://www.databasejournal.com/features/msaccess/article.php/3567511
Tutorial and example of consuming a web service in MS Access

http://aspnet.4guysfromrolla.com/articles/123103-1.aspx
Tutorial and example of how to send login credentials in SOAP Header