

Web Services

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Introduction

cap hpi host a number of web services which customers can subscribe to either by data set or database allowing you to request individual pieces of data or data bundles for individual vehicles. Data is updated either daily or monthly dependent on your subscription. Web services are ideal if you do not want to store and host our data yourself.

This document details the web services and associated operations that are currently available to customers. A summary section at the start of the document will assist you in locating the web service that will meet your requirements. Each web service and operation is detailed later in the document with a description of what the web service and operation is used for, what the response will contain, the parameters you will need to pass in the request and the associated data type as well as a URL you can access to test the operation and generate a response.

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Vehicle types

This section of the document details which web services are available for which vehicle types.

	CARS	LCV	HGV	BIKE
DVLA	Y			
NVD	Y	Y		
SMR	Y	Y		
Legislation	Y			
TCO	Y			
P11D	Y			
Data Download	N/A	N/A	N/A	N/A
VRM	Y	Y		
Future Values	Y	Y		
Vehicles	Y	Y	Y	Y
Used Values	Y	Y		Y
Used Values Live	Y			
Vehicle Image Web Service	Y	Y		

Identifying the right web service

This table in [Appendix A](#) can be used to assist you in identifying which web service meets your needs based on the type of information you want to return and how you want to return it. For example, if you know the VRM of a vehicle and wanted to return the total cost of ownership, you can hit the cap DVLA web service using the DVLALookupVRM operation. This would return the cap ID which you could then use to hit the cap hpi TCO web service.

The data is broken down into three sections; general vehicle data, new vehicle data and valuations. General vehicle data consists of information held by the DVLA, SMMT or cap hpi and includes things like make, model, manufacturer, derivative, MVRIS code, cap ID etc. New vehicle data contains technical data, standard equipment, options, P11D information etc. Valuations data can include clean, average, below and retail values, mileage based valuations, internet prices, future valuations, historic valuations and price per mile data.

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Vehicles

This web service is used in conjunction with all other data sets to identify a vehicle and allows you to build up vehicle description data. The operations are listed in a suggested order for building up the vehicle description where the VRM, cap code or cap ID are not used as the primary identifier. You can build vehicle information using either 3 (Manufacturer, Model, Derivative) or 4 (Manufacturer, Range, Model, Derivative) levels of data. Using 4 levels allows for an additional level of filtering and makes it easier to identify and select the correct vehicle.

Endpoint: <https://soap.cap.co.uk/Vehicles/CapVehicles.asmx>

GetCapMan

This operation returns a list of cap hpi manufacturers e.g. **Audi**. The response will detail the manufacturer code and manufacturer name. You will need to pass in the following parameters in your request:

Parameter	Description	Data Type
subscriberId	Provided by cap hpi support	Int
password	Provided by cap hpi support	String
database	CARS, LCV, HGV, BIKES	String
justCurrentManufacturers	If TRUE, only current manufacturers are returned	Boolean
bodyStyleFilter	This can be left blank to return all body styles or a comma delimited string of the following body types: 1 = 4x4 2 = City Car 3 = Coupe 4 = Estate 5 = Hatchback 6 = MPV 7 = Saloon 8 = Sports	String

Standard SOAP 1.1 and 1.2 requests and responses can be found at <https://soap.cap.co.uk/Vehicles/CapVehicles.asmx?op=GetCapMan>

GetCapMan_IncludeOnRunout

This operation returns a list of cap hpi manufacturers e.g. **Audi**. The response will detail the manufacturer code and manufacturer name. 'On run out' means something that is being phased out; still sold but no longer manufactured. You will need to pass in the following parameters in your request:

Parameter	Description	Data Type
subscriberId	Provided by cap hpi support	Int
password	Provided by cap hpi support	String
database	CARS, LCV, HGV, BIKES	String
justCurrentManufacturers	If TRUE, response also includes vehicles on run out	Boolean

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Parameter	Description	Data Type
bodyStyleFilter	This can be left blank to return all body styles or a comma delimited string of the following body types: 1 = 4x4 2 = City Car 3 = Coupe 4 = Estate 5 = Hatchback 6 = MPV 7 = Saloon 8 = Sports	String

Standard SOAP 1.1 and 1.2 requests and responses can be found at https://soap.cap.co.uk/Vehicles/CapVehicles.asmx?op=GetCapMan_IncludeOnRunout

GetCapRange

This operation returns a list of cap hpi ranges for a given manufacturer e.g. Audi A4. The response details the range code and the range name. You will need to pass in the following parameters in your request:

Parameter	Description	Data Type
subscriberId	Provided by cap hpi support	Int
password	Provided by cap hpi support	String
database	CARS, LCV, HGV, BIKES	String
manCode	Manufacturer code returned in GetCapMan or GetCapMan_IncludeOnRunout response	Int
justCurrentRanges	If TRUE, only current ranges are returned	Boolean
bodyStyleFilter	This can be left blank to return all body styles or a comma delimited string of the following body types: 1 = 4x4 2 = City Car 3 = Coupe 4 = Estate 5 = Hatchback 6 = MPV 7 = Saloon 8 = Sports	String

Standard SOAP 1.1 and 1.2 requests and responses can be found at <https://soap.cap.co.uk/Vehicles/CapVehicles.asmx?op=GetCapRange>

GetCapRange_IncludeOnRunout

This operation returns a list of cap hpi ranges for a given manufacturer e.g. Audi A4. The response details the range code and the range name. 'On run out' means something that is being phased out; still sold but no longer manufactured. You will need to pass in the following parameters in your request:

Parameter	Description	Data Type
subscriberId	Provided by cap hpi support	Int
password	Provided by cap hpi support	String

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Parameter	Description	Data Type
database	CARS, LCV, HGV, BIKES	String
manCode	Manufacturer code returned in GetCapMan or GetCapMan_IncludeOnRunout response	Int
justCurrentRanges	If TRUE, response includes vehicles on run out	Boolean
bodyStyleFilter	This can be left blank to return all body styles or a comma delimited string of the following body types: 1 = 4x4 2 = City Car 3 = Coupe 4 = Estate 5 = Hatchback 6 = MPV 7 = Saloon 8 = Sports	String

Standard SOAP 1.1 and 1.2 requests and responses can be found at https://soap.cap.co.uk/Vehicles/CapVehicles.asmx?op=GetCapRange_IncludeOnRunout

GetCapMod

This operation returns a list of cap hpi models for a manufacturer or range e.g. Audi A4 **Saloon**. The response will detail the model code, model name and the date and time the model was introduced and discontinued (if applicable). The manRanCodelsMan can be set to True to allow vehicle data to be built using three levels (Manufacturer, Model, and Derivative) or to False to use four levels (Manufacturer, Range, Model, and Derivative). Using four levels provides an extra level of filtering. You will need to pass in the following parameters in your request:

Parameter	Description	Data Type
subscriberId	Provided by cap hpi support	Int
password	Provided by cap hpi support	String
database	CARS, LCV, HGV, BIKES	String
manRanCode	Range code returned in GetCapRange or GetCapRange_IncludeOnRunout response OR Manufacturer code returned in GetCapMan or GetCapMan_IncludeOnRunout response	Int
manRanCodelsMan	Set to TRUE if passing a manufacturer code in the manRanCode field. Otherwise, set to FALSE	Boolean
justCurrentModels	If TRUE, only current models will be returned	Boolean
bodyStyleFilter	This can be left blank to return all body styles or a comma delimited string of the following body types: 1 = 4x4 2 = City Car 3 = Coupe 4 = Estate 5 = Hatchback 6 = MPV 7 = Saloon 8 = Sports	String

Standard SOAP 1.1 and 1.2 requests and responses can be found at <https://soap.cap.co.uk/Vehicles/CapVehicles.asmx?op=GetCapMod>

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GetCapMod_IncludeOnRunout

This operation returns a list of cap hpi Models for a manufacturer OR range e.g. Audi A4 **Saloon**. The response will detail the model code, model name and the date and time the model was introduced and discontinued (if applicable). 'On run out' means something that is being phased out; still sold but no longer manufactured. The manRanCodelsMan can be set to True to allow vehicle data to be built using three levels (Manufacturer, Model, and Derivative) or to False to use four levels (Manufacturer, Range, Model, and Derivative). Using four levels provides an extra level of filtering. You will need to pass in the following parameters in your request:

Parameter	Description	Data Type
subscriberId	Provided by cap hpi support	Int
password	Provided by cap hpi support	String
database	CARS, LCV, HGV, BIKES	String
manRanCode	Range code returned in GetCapRange or GetCapRange_IncludeOnRunout response OR Manufacturer code returned in GetCapMan or GetCapMan_IncludeOnRunout response	Int
manRanCodelsMan	Set to TRUE if passing a manufacturer code in the manRanCode field. Otherwise, set to FALSE	Boolean
justCurrentModels	If TRUE, response also includes vehicles on run out	Boolean
bodyStyleFilter	This can be left blank to return all body styles or a comma delimited string of the following body types: 1 = 4x4 2 = City Car 3 = Coupe 4 = Estate 5 = Hatchback 6 = MPV 7 = Saloon 8 = Sports	String

Standard SOAP 1.1 and 1.2 requests and responses can be found at https://soap.cap.co.uk/Vehicles/CapVehicles.asmx?op=GetCapMod_IncludeOnRunout

GetCapDer

This operation returns a list of cap hpi derivatives for a given model code e.g. Audi A4 Saloon **1.8T FSI 4dr**. The response will detail the derivative ID (also known as the cap ID), name, date and time the derivative was introduced and discontinued (if applicable), the last spec date and the model year reference. You will need to pass in the following parameters in your request:

Parameter	Description	Data Type
subscriberId	Provided by cap hpi support	Int
password	Provided by cap hpi support	String
database	CARS, LCV, HGV, BIKES	String
modCode	Model code returned in GetCapMod or GetCapMod_IncludeOnRunout response	Int
justCurrentDerivatives	If TRUE, only current derivatives will be returned	Boolean

Standard SOAP 1.1 and 1.2 requests and responses can be found at <https://soap.cap.co.uk/Vehicles/CapVehicles.asmx?op=GetCapDer>

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GetCapDer_IncludeOnRunout

This operation returns a list of cap hpi derivatives for a given model code e.g. Audi A4 Saloon **1.8T FSI 4dr**. The response will detail the derivative ID (also known as the cap ID), name, date and time the derivative was introduced and discontinued (if applicable), the last spec date and the model year reference. 'On run out' means something that is being phased out; still sold but no longer manufactured. You will need to pass in the following parameters in your request:

Parameter	Description	Data Type
subscriberId	Provided by cap hpi support	Int
password	Provided by cap hpi support	String
database	CARS, LCV, HGV, BIKES	String
modCode	Model code returned in GetCapMod or GetCapMod_IncludeOnRunout response	Int
justCurrentDerivatives	If TRUE, response also includes vehicles on run out	Boolean

Standard SOAP 1.1 and 1.2 requests and responses can be found at https://soap.cap.co.uk/Vehicles/CapVehicles.asmx?op=GetCapDer_IncludeOnRunout

GetCapDerFromRange

This operation returns a list of cap hpi derivatives for a given range code e.g. Audi A4 Saloon **1.8T FSI 4dr**. The response will detail the derivative ID (also known as the cap ID), name, date and time the derivative was introduced and discontinued (if applicable), the last spec date and the model year reference. You will need to pass in the following parameters in your request:

Parameter	Description	Data Type
subscriberId	Provided by cap hpi support	Int
password	Provided by cap hpi support	String
database	CARS, LCV, HGV, BIKES	String
ranCode	Range code returned in GetCapRange or GetCapRange_IncludeOnRunout response	Int
justCurrentDerivatives	If TRUE, only current derivatives will be returned	Boolean

Standard SOAP 1.1 and 1.2 requests and responses can be found at <https://soap.cap.co.uk/Vehicles/CapVehicles.asmx?op=GetCapDerFromRange>

GetCapDerFromRange_IncludeOnRunout

This operation returns a list of cap hpi derivatives for a given range code e.g. Audi A4 Saloon **1.8T FSI 4dr**. The response will detail the derivative ID (also known as the cap ID), name, date and time the derivative was introduced and discontinued (if applicable), the last spec date and the model year reference. 'On run out' means something that is being phased out; still sold but no longer manufactured. You will need to pass in the following parameters in your request:

Parameter	Description	Data Type
subscriberId	Provided by cap hpi support	Int

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password	Provided by cap hpi support	String
database	CARS, LCV, HGV, BIKES	String
ranCode	Range code returned in GetCapRange or GetCapRange_IncludeOnRunout response	Int
justCurrentDerivatives	If TRUE, response also includes vehicles on run out	Boolean

Standard SOAP 1.1 and 1.2 requests and responses can be found at https://soap.cap.co.uk/Vehicles/CapVehicles.asmx?op=GetCapDerFromRange_IncludeOnRunout

GetCapModelYears

This operation returns a list of cap hpi model years for a cap ID. The response details the date the model year was effective from and to, the model year reference and a model year image ID. The image ID can be used with the [Vehicle Image Web Service](#) to retrieve the model images. You will need to pass in the following parameters in your request:

Parameter	Description	Data Type
subscriberId	Provided by cap hpi support	Int
password	Provided by cap hpi support	String
database	CARS, LCV, HGV, BIKES	String
capid	Derivative ID (cap ID) returned in GetCapDer , GetCapDer_IncludeOnRunout , GetCapDerFromRange or GetCapDerFromRange_IncludeOnRunout response	Int

Standard SOAP 1.1 and 1.2 requests and responses can be found at <https://soap.cap.co.uk/Vehicles/CapVehicles.asmx?op=GetCapModelYears>

GetCapDescriptionFromId

This operation returns the manufacturer, range, model and derivative descriptions for a given cap ID. The response details the manufacturer description, abbreviated and full model description, abbreviated and full derivative description, manufacturer text code, abbreviated model code and full model text code. You will need to pass in the following parameters in your request:

Parameter	Description	Data Type
subscriberId	Provided by cap hpi support	Int
password	Provided by cap hpi support	String
database	CARS, LCV, HGV, BIKES	String
capid	Derivative ID (cap ID) returned in GetCapDer , GetCapDer_IncludeOnRunout , GetCapDerFromRange or GetCapDerFromRange_IncludeOnRunout response	Int

Standard SOAP 1.1 and 1.2 requests and responses can be found at <https://soap.cap.co.uk/Vehicles/CapVehicles.asmx?op=GetCapDescriptionFromId>

GetCapcodeFromCapid

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This operation returns the cap code for a cap ID and database. The response simply lists the cap code. An empty response means that the cap ID does not exist for the database specified. You will need to pass in the following parameters in your request:

Parameter	Description	Data Type
subscriberId	Provided by cap hpi support	Int
password	Provided by cap hpi support	String
database	CARS, LCV, HGV, BIKES	String
capId	Derivative ID (cap ID) returned in GetCapDer , GetCapDer_IncludeOnRunout , GetCapDerFromRange or GetCapDerFromRange_IncludeOnRunout response	Int

Standard SOAP 1.1 and 1.2 requests and responses can be found at <https://soap.cap.co.uk/Vehicles/CapVehicles.asmx?op=GetCapcodeFromCapid>

GetCapidFromCapcode

This operation returns the cap ID for a cap code and database. The response simply lists the cap ID. An empty response means that the cap code was not matched to any cap IDs. You will need to pass in the following parameters in your request:

Parameter	Description	Data Type
subscriberId	Provided by cap hpi support	Int
password	Provided by cap hpi support	String
database	CARS, LCV, HGV, BIKES	String
caPcode		String

Standard SOAP 1.1 and 1.2 requests and responses can be found at <https://soap.cap.co.uk/Vehicles/CapVehicles.asmx?op=GetCapidFromCapcode>

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DVLA

This web service allows you to obtain general data held by the DVLA, SMMT and cap hpi for a VRM or VIN.

Endpoint: <https://soap.cap.co.uk/DVLA/CAPDVLA.asmx>

DVLALookupVRM

This operation allows you to pass in the VRM and receive vehicle data held by the DVLA, SMMT and cap hpi. The response will include information on the match level (i.e. whether a match was made with DVLA, SMMT and cap hpi data) as well as the data held for the VRM from each source (e.g. VIN, MVRIS code, cap ID, cap code).

You will need to pass in the following parameters in your request:

Parameter	Description	Data Type
SubscriberID	Provided by cap hpi support	Int
Password	Provided by cap hpi support	String
vrn	Vehicle Registration Mark	String

Standard SOAP 1.1 and 1.2 requests and responses can be found at <https://soap.cap.co.uk/DVLA/CAPDVLA.asmx?op=DVLALookupVRM>

DVLALookupAlternativeVRM

This operation allows you to find out whether there are alternative derivatives using a VRM lookup. This information is also included in the DVLALookupVIN and DVLALookupVRM operations. The response will include information on the match level (i.e. whether a match was made with DVLA, SMMT and cap hpi data), the data held for the VRM from each source (e.g. VIN, MVRIS code, cap ID, cap code) as well as the derivative name, cap ID, cap code, vehicle type ID and vehicle type description for any alternative derivatives. You will need to pass in the following parameters in your request:

Parameter	Description	Data Type
SubscriberID	Provided by cap hpi support	Int
Password	Provided by cap hpi support	String
vrn	Vehicle Registration Mark	String
previousAuditRef		Int

Standard SOAP 1.1 and 1.2 requests and responses can be found at <https://soap.cap.co.uk/DVLA/CAPDVLA.asmx?op=DVLALookupAlternativeVRM>

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DVLALookupVIN

This operation allows you to pass in the VIN and receive vehicle data held by the DVLA, SMMT and cap hpi. The response will include information on the match level (i.e. whether a match was made with DVLA, SMMT and cap hpi data) as well as the data held for the VIN from each source (e.g. VIN, MVRIS code, cap ID, cap code).

You will need to pass in the following parameters in your request:

Parameter	Description	Data Type
SubscriberID	Provided by cap hpi support	Int
Password	Provided by cap hpi support	String
vin	Vehicle Identification Number	String

Standard SOAP 1.1 and 1.2 requests and responses can be found at <https://soap.cap.co.uk/DVLA/CAPDVLA.asmx?op=DVLALookupVIN>

ViewLookup_GetCurrentStatus

This operation allows you to view the current status of your account. The response will detail whether your account has a limit, what the limit is, how many lookups you have used, whether you have exceeded your limit and the current month (displayed as month year e.g. July 2017).

You will need to pass in the following parameters in your request:

Parameter	Description	Data Type
SubscriberID	Provided by cap hpi support	Int
Password	Provided by cap hpi support	String

Standard SOAP 1.1 and 1.2 requests and responses can be found at https://soap.cap.co.uk/DVLA/CAPDVLA.asmx?op=ViewLookup_GetCurrentStatus

ViewLookup_Summary

This operation allows you to view your monthly usage between two dates. The response will detail the year, month and the volume of lookups used.

You will need to pass in the following parameters in your request:

Parameter	Description	Data Type
SubscriberID	Provided by cap hpi support	Int
Password	Provided by cap hpi support	String
from	Date to view usage from in the format YYYY/MM/DD	dateTime
to	Date to view usage to in the format YYYY/MM/DD	dateTime

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Standard SOAP 1.1 and 1.2 requests and responses can be found at https://soap.cap.co.uk/DVLA/CAPDVLA.aspx?op=ViewLookup_Summary

DVLALookupAlternativeDerivative

This operation allows you to find out whether an alternative derivative exists for a cap ID. The response will return either a true or false response. This information is also included in the DVLALookupVIN and DVLALookupVRM operations.

You will need to pass in the following parameters in your request:

Parameter	Description	Data Type
SubscriberID	Provided by cap hpi support	Int
Password	Provided by cap hpi support	String
AuditRef		Int
capid		Int

Standard SOAP 1.1 and 1.2 requests and responses can be found at <https://soap.cap.co.uk/DVLA/CAPDVLA.aspx?op=DVLALookupAlternativeDerivative>

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New Vehicle Data

This web service has multiple operations which allow you to build up a comprehensive suite of new vehicle data including standard options, technical data and P11D information. The most commonly used operation is GetOptionsBundle which returns a full set of standard data for a cap ID and date.

Endpoint: <https://soap.cap.co.uk/Nvd/CapNvd.asmx>

GetBulkTechnicalData

This operation returns technical data for multiple vehicles at a time. You will need to pass in the following parameters in your request:

Parameter	Description	Data Type
subscriberId	Provided by cap hpi support	Int
password	Provided by cap hpi support	String
database	CARS or LCV	String
capIdList	Comma delimited list of cap IDs **Limit of 8000 characters	String
specDateList	Comma delimited list of spec dates in format YYYY/MM/DD **Limit of 8000 characters	String
techDataList	Comma delimited list of the following options: oTO62, CC, CO, CO2, MPG_COMBINED, MPG_URBAN, MPG_EXTRAURBAN, ENGINEPOWER_BHP, ENGINEPOWER_PS, ENGINEPOWER_KW, ENGINEPOWER_RPM, FUELDELIVERY, FUELTKAPACITY, GROSSVEHICLEWEIGHT, HC, HC+NOX, HEIGHT, INSURANCEGROUP1, INSURANCEGROUP2, INSURANCEGROUP1-50 (Car only), LENGTH, LUGGAGECAPACITYSEATSDOWN, LUGGAGECAPACITYSEATSUP, NCAPADULTOCCUPANT, NCAPCHILDOCCUPANT, NCAPOVERALLRATING, NCAPPEDESTRIAN, NCAPSAFETYASSIST, SEATS, NOX, STANDARDEMISSIONS, STANDARDMANWARRANTY_MILEAGE, STANDARDMANWARRANTY_YEARS, TOPSPEED, WIDTH	String
returnVehicleDescription	Set to TRUE to also return the vehicle description	Boolean
returnCaPcodeTechnicalItems	Set to TRUE to return the Fuel Type, Transmission, and number of Doors	Boolean
returnCostNew	Set to TRUE to return the cost when new (Basic and VAT) of each vehicle	Boolean

Standard SOAP 1.1 and 1.2 requests and responses can be found at <https://soap.cap.co.uk/Nvd/CapNvd.asmx?op=GetBulkTechnicalData>

The response will detail model and derivative start and end dates as well as all of the requested technical data items requested.

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GetCapOptionsBundle

This operation, for a given cap ID and date, returns the vehicle description and price, options, relationship items, pack contents and technical items. The response will details the following vehicle and price information:

Field name	Example	Supporting Information
CVehicle_ManText	BMW	
CVehicle_ShortModText	5 SERIES	
CVehicle_ModText	5 SERIES DIESEL SALOON	
CVehicle_DerText	530d SE 4dr	
CVehicle_ManTextCode	86g	Numerical code for the manufacturer
CVehicle_ShortModID	71	Numerical code for the range
CVehicle_ModTextCode	E.g. 49490 ()	Numerical code for the model
CVehicle_ModIntroduced	E.g. 2010	
CVehicle_ModDiscontinued	E.g. 2012 ()	Zero will be returned if the Model range is still current
CVehicle_DerIntroduced	2010-03-20T00:00:00+00:00	
PR_Basic	31454.1667	
PR_VAT	6290.8333	
ModelYear	2011	

A number of fields for each option available on the vehicle at the specified date will also be returned:

Field name	Example	Supporting Information
OPT_OptionCode	1	
DO_Description	Delivery	Option description
DC_Description	On The Road	Category description
OPT_Basic	617.02127659574467	
OPT_VAT	123.40425531914892	
OPT_Default	false	Default on vehicle, but can be changed Y/N
OPT_POA		This is an obsolete field

The response also details option relationships which define any dependencies between possible option combinations on a vehicle. For example, clearly you can only choose one set of alloy wheels, but this dataset caters for more complex dependencies.

NOTE - As a general rule of thumb, default items should only be linked to 'One Of' or 'Not With' rules. If a default option is found to be linked to other rule types, it should be referred to support@cap-hpi.co.uk:

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Field name	Example	Supporting Information
RI_RuleCode	5930697	Numerical code that links the items included within the code together. The rule code is unique to the applicable rule
RI_OptionCode	83377	Option code. For every option included in the rule code, the rule code is repeated to show each option coded
RI_IsPrimary	0	The first option the rule relates to. All options linked to this rule through an option are classed as secondary
RR_RuleType	OO	<p>Description of the rule code:</p> <ul style="list-style-type: none"> • 'OO' - One Of - From the marked options, a maximum of one may be selected. E.g. you can only have one type of paintwork. • 'RO' - Requires One Of - If the primary option is chosen, it must be accompanied by at least one of the non-primary options in that rule. E.g. If sports suspension is chosen, one set of 17 inch alloys must also be chosen. • 'RA' - Requires All - If the primary option is chosen, it is accompanied by all the non-primary options in that rule. E.g. If TV reception is chosen, it must be accompanied by 'Sat nav + Monitor + Driver Info System'. • 'NW' - Not With - If the primary option is chosen, none of the other marked options may be chosen. E.g. If Wood inlay is chosen, it cannot be accompanied by any cloth trim. • 'IN' - Included In - The marked options are included in the price of the primary option, which is a pack. E.g. If 'Sat nav + Monitor + Driver Info System' is chosen, the separate option of 'Drivers information system' is included in this option and price. • 'IO' - Include One Of - If the primary option is chosen, it must be accompanied by one none primary options. The selected none primary option will be included at 0 cost. E.g. If Convenience Pack is selected One Metallic Paint can also be selected at 0 cost
Do_Description	Metallic - White silver	Option description

Pack contents are included in the response. A pack is an option in its own right, but can contain items that are also options which can be ordered independently – these items would be flagged with the 'IN' rule described in the relationship items:

Field name	Example	Supporting Information
PP_PackCode	110809	The option code for the 'pack'
DO_Description	Traffic sign recognition	The description of each item included in the pack. For every option included in the PACK, the pack code is repeated to show each option description

Lastly, basic technical fields are returned in the response (for more detailed technical data, including the description of the technical items available for each vehicle, use [GetTechnicalData](#)):

Field name	Example	Supporting Information
Tech_TechCode	67	The technical code for each item of technical data available at the specified date
Tech_Value_String	166	The value of the technical item. This example shows the technical code and value for the CO2 at the specified date

You will need to pass in the following parameters in your request:

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Parameter	Description	Data Type
subscriberId	Provided by cap hpi support	Int
password	Provided by cap hpi support	String
database	CARS or LCV	String
capId		Int
optionDate	The specification date you wish to return in the format YYYY/MM/DD	dateTime
justCurrent	Set to TRUE to just return the current data, then enter any date as optionDate	Boolean
descriptionRs	Set to TRUE to return the vehicle description	Boolean
optionRs	Set to TRUE to return the options and prices	Boolean
relationshipRs	Set to TRUE to return the option relationships	Boolean
packRs	Set to TRUE to return the pack information	Boolean
technicalRs	Set to TRUE to return the technical data	Boolean

Standard SOAP 1.1 and 1.2 requests and responses can be found at <https://soap.cap.co.uk/Nvd/CapNvd.asmx?op=GetCapOptionsBundle>

GetColourHoodLinks

This operation returns the colour/hood links for convertibles for a given cap ID and date. The response will detail the name and option code for each colour that is available, the name and option code of each hood that is available and which colour is available with which hood.

You will need to pass in the following parameters in your request:

Parameter	Description	Data Type
subscriberId	Provided by cap hpi support	Int
password	Provided by cap hpi support	String
database	CARS or LCV	String
capId		Int
chDate	The specification date you wish to return in the format YYYY/MM/DD	dateTime
justCurrent	Set to TRUE to return the current data and enter any date for chDate	Boolean

Standard SOAP 1.1 and 1.2 requests and responses can be found at <https://soap.cap.co.uk/Nvd/CapNvd.asmx?op=GetColourHoodLinks>

GetColourTrimLinks

This operation returns the ID's colour/trim links for a given cap ID and date. The response will detail the name and option code for each colour that is available, the name and option code of each interior trim that is available and which colour is available with which trim.

You will need to pass in the following parameters in your request:

Parameter	Description	Data Type
subscriberId	Provided by cap hpi support	Int

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password	Provided by cap hpi support	String
database	CARS or LCV	String
capid		Int
ctDate	The specification date you wish to return in the format YYYY/MM/DD	dateTime
justCurrent	Set to TRUE to return the current data and enter any date for ctDate	Boolean

Standard SOAP 1.1 and 1.2 requests and responses can be found at <https://soap.cap.co.uk/Nvd/CapNvd.asmx?op=GetColourHoodLinks>

GetGenericOptionLinks

This operation allows you to return the option codes linked to each of the generic items. The response will detail the item name along with all linked option codes.

You will need to pass in the following parameters in your request:

Parameter	Description	Data Type
subscriberId	Provided by cap hpi support	Int
password	Provided by cap hpi support	String
database	CARS or LCV	

Standard SOAP 1.1 and 1.2 requests and responses can be found at <https://soap.cap.co.uk/Nvd/CapNvd.asmx?op=GetGenericOptionLinks>

GetGenericOptions

This operation allows you to request a list of all generic options and their generic categories. For example, the generic description for DVD Satellite Navigation is 'Navigation System'. The response will detail the category name, option description, option code and category code.

You will need to pass in the following parameters in your request:

Parameter	Description	Data Type
subscriberId	Provided by cap hpi support	Int
password	Provided by cap hpi support	String
database	CARS or LCV	String

Standard SOAP 1.1 and 1.2 requests and responses can be found at <https://soap.cap.co.uk/Nvd/CapNvd.asmx?op=GetGenericOptions>

GetNvdChangeDates

This operation returns a grid of change dates for a given cap ID. The response lists the date the change was made and whether the change was made to the model year, price, options, standard equipment or technical data. A change date generally denotes a manufacturer changing the specification of a vehicle. You will need to pass in the following parameters in your request:

Parameter	Description	Data Type
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subscriberId	Provided by cap hpi support	Int
password	Provided by cap hpi support	String
database	CARS or LCV	String
capId		Int

Standard SOAP 1.1 and 1.2 requests and responses can be found at <https://soap.cap.co.uk/Nvd/CapNvd.asmx?op=GetNvdChangeDates>

GetP11DData

This operation returns the CO2, CC, euro emissions, fuel type, and P11D percentages for 3 given tax years for a cap ID.

Parameter	Description	Data Type
SubscriberID	Provided by cap hpi support	Int
Password	Provided by cap hpi support	String
database	CARS or LCV	String
capId		Int
year1		Int
year2		Int
year3		Int

Standard SOAP 1.1 and 1.2 requests and responses can be found at <https://soap.cap.co.uk/Nvd/CapNvd.asmx?op=GetP11DData>

GetStandardEquipment

This operation returns the standard equipment for a cap ID and date. The response will detail the option code, category description and option description. You will need to pass in the following parameters in your request:

Parameter	Description	Data Type
subscriberId	Provided by cap hpi support	Int
password	Provided by cap hpi support	String
database	CARS or LCV	String
capId		Int
seDate	The specification date you wish to return in the format YYYY/MM/DD	dateTime
justCurrent	Set to TRUE to return the current dataset and enter any date for SEDate	Boolean

Standard SOAP 1.1 and 1.2 requests and responses can be found at <https://soap.cap.co.uk/Nvd/CapNvd.asmx?op=GetStandardEquipment>

GetTechnicalData

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This operation returns the technical data items for a cap ID and date. The response will detail the technical code, technical description, category description and value. You will need to pass in the following parameters in your request:

Parameter	Description	Data Type
subscriberId	Provided by cap hpi support	Int
password	Provided by cap hpi support	String
database	CARS or LCV	String
capId		Int
techDate	The specification date you wish to return in the format YYYY/MM/DD	dateTime
justCurrent	Set to TRUE to return the current dataset and enter any date for techDate	Boolean

Standard SOAP 1.1 and 1.2 requests and responses can be found at <https://soap.cap.co.uk/Nvd/CapNvd.asmx?op=GetTechnicalData>

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Service, Maintenance and Repair

This web service has a single operation which returns the Service, Maintenance and Repair (SMR) valuation for a cap ID or cap code.

Endpoint: <https://soap.cap.co.uk/Smr/CapSmr.asmx>

GetSmrValuation

This operation returns an SMR Valuation for a given cap ID or cap code for current vehicles only. The response will detail the SMR valuation total along with itemised valuations for tyres, servicing, brakes and other. You will need to pass in the following parameters in your request:

*All dates passed should be the first of the month. Results are cached for 30 minutes.

Parameter	Description	Data Type
subscriberId	Provided by cap hpi support	Int
password	Provided by cap hpi support	String
database	CARS or LCV	String
capId		Int
capCode	If using the capCode field, then cap ID should be set to 0	String
datasetDate	Relates to the monthly edition e.g. 2017/07/01 will use July 2017 data. This parameter needs to be populated in the format YYYY/MM/DD even if JustCurrent is TRUE	dateTime
justCurrent	Set to TRUE to return the current SMR valuation, otherwise they will be taken from the given dataset date	Boolean
monthsToValuation	Denotes how many months in the future from the current published dataset that the valuation is for. This can be between 12 and 60	Int
mileage	Enter in full (e.g. 12487)	Int

Standard SOAP 1.1 and 1.2 requests and responses can be found at <https://soap.cap.co.uk/Smr/CapSmr.asmx?op=GetSmrValuation>

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Legislation

This web service has a single operation which returns legislation data specific to the company car driver and associated employee/BIK (benefit in kind) costs along with the vehicle's whole life costs and depreciation.

Endpoint <https://soap.cap.co.uk/Legislation/CapLegislation.asmx>

GetLegislationData

This operation returns legislation data for a given database, cap ID, specification date, term and mileage. The response will detail values for each of the DataList options requested. You will need to pass in the following parameters in your request:

Parameter	Description	Data Type
Subscriber_ID	Provided by cap hpi support	Int
Password	Provided by cap hpi support	String
Database	CAR only	String
capid		String
SpecDate	The specification date you wish to return in the format YYYY/MM/DD	dateTime
SelectedOptions	Can be left blank or a comma delimited list of option codes (OPT_OptionCode).	String
Term	Entered in months (12-60) and be rounded to nearest 6	Int
Mileage	Mileage should be entered in full, rounded to 10000	Int
DataList	Comma delimited list of the following options: ALL, P11D, CO2, BIKTAXRATE, BIK20, BIK40, VED1ST (1st year VED), VED2ND (Subsequent VED), NICLASS1A_YR1RATE, NICLASS1A_YR1COST, NICLASS1A_YR2RATE, NICLASS1A_YR2COST, NICLASS1A_YR3RATE, NICLASS1A_YR3COST, NICLASS1A_YR4RATE, NICLASS1A_YR4COST, NICLASS1A_YR5RATE, NICLASS1A_YR5COST, WLC, SMR, DEPRECIATION, RV, FUELCOST, PPM.	String

Standard SOAP 1.1 and 1.2 requests and responses can be found at <https://soap.cap.co.uk/Legislation/CapLegislation.asmx?op=GetLegislationData>

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Total Cost of Ownership

This web service has a single operation which returns the total cost of ownership for a cap ID.

Endpoint: https://soap.cap.co.uk/Tco/CapTco_Webservice.asmx

GetTCO

This operation returns the total cost of ownership (TCO) for a given cap ID taking into account the registration date, purchase cost, finance amount and interest rate (APR), current and annual mileage, length of ownership, insurance cost, user age and user postcode. The response will detail the total cost of ownership as well as itemised total monthly running costs, running costs per mile, fuel cost, depreciation, service and maintenance costs, insurance group, cost of insurance, cost when new, delivery cost, road tax and purchase price.

You will need to pass in the following parameters in your request:

Parameter	Description	Data Type
SubscriberId	Provided by cap hpi support	Int
Password	Provided by cap hpi support	String
Database	CARS only	String
capid		Int
RegistrationDate	In the format YYYY/MM/DD	String
PurchaseCost	The exact purchase price of the vehicle. Decimal values are accepted e.g. 2995.99	Double
FinanceAPR	Decimal values are accepted e.g. 13.9	Double
Deposit	Decimal values are accepted e.g. 499.99	Double
CurrentMileage	Enter mileages in thousands (e.g. enter 30 for 30,000)	Int
AnnualMileage	Enter mileages in thousands (e.g. enter 30 for 30,000)	Int
LengthOfOwnership	In months	Int
UserAge	In years	Int
UserPostCode		String
AnnualInsurance		Double

Standard SOAP 1.1 and 1.2 requests and responses can be found at https://soap.cap.co.uk/Tco/CapTco_Webservice.asmx?op=GetTCO

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P11D

This web service has a single operation which returns the P11D details for a cap ID.

Endpoint: <https://soap.cap.co.uk/P11D/CapP11D.asmx>

GetP11DValuation

This operation returns the CO2, CC, euro emissions, fuel type and P11D valuation for cap ID, specification date and selected options. The response will return vehicle information (CO2, CC etc.), vehicle pricing information (basic price, VAT price, delivery, total), P11D information (basic, VAT, delivery, total) and P11D Valuation information (year 1 price, year 1 price limit, year 1 benefit etc.).

You will need to pass in the following parameters in your request:

Parameter	Description	Data Type
subscriberId	Provided by cap hpi support	Int
password	Provided by cap hpi support	String
database	CARS only	String
capid		Int
specificationDate	The specification date you wish to return in the format YYYY/MM/DD	dateTime
selectedOptions	Can be left blank or a comma delimited list of option codes (OPT_OptionCode). Selected options should not include option codes which are either part of pack contents or IN option relationship rules.	String

Standard SOAP 1.1 and 1.2 requests and responses can be found at <https://soap.cap.co.uk/P11D/CapP11D.asmx?op=GetP11DValuation>

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Data Download

This web service provides a set of methods to view subscription details and download products.

Endpoint: https://soap.cap.co.uk/DataDownload/DataDownload_Webservice.asmx

List_AllSubscriberProducts

This operation returns the full list of parent and child products that are available for you to download based on what you have subscribed to. The response lists the product ID, product name, product category, product type and renewal date. You will need to pass in the following parameters in your request:

Parameter	Description	Data Type
SubscriberID	Provided by cap hpi support	Int
Password	Provided by cap hpi support	String

Standard SOAP 1.1 and 1.2 requests and responses can be found at https://soap.cap.co.uk/DataDownload/DataDownload_Webservice.asmx?op=List_AllSubscriberProducts

List_LatestPackagesForSubscriber

This operation returns a list of the latest packages that are available for you to download based on what you have subscribed to. For each package, the response lists the product ID, product name, product category, product type, package date, package filename and package size.

You will need to pass in the following parameters in your request:

Parameter	Description	Data Type
SubscriberID	Provided by cap hpi support	Int
Password	Provided by cap hpi support	String

Standard SOAP 1.1 and 1.2 requests and responses can be found at https://soap.cap.co.uk/DataDownload/DataDownload_Webservice.asmx?op=List_LatestPackagesForSubscriber

List_MonthlyDownloadDate

This operation returns the monthly download dates available for the calendar year (New Vehicle Data files are available daily). The download date is the date the data was available to download. The response lists the product month and download date. You will need to pass in the following parameters in your request:

Parameter	Description	Data Type
SubscriberID	Provided by cap hpi support	Int
Password	Provided by cap hpi support	String

Standard SOAP 1.1 and 1.2 requests and responses can be found at https://soap.cap.co.uk/DataDownload/DataDownload_Webservice.asmx?op=List_MonthlyDownloadDate

List_NewPackagesFromDate

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This operation returns a list of products and packages which have been added since a given date. For each package, the response lists the product ID, product name, product category, product type, package date, package filename and package size.

You will need to pass in the following parameters in your request:

Parameter	Description	Data Type
SubscriberID	Provided by cap hpi support	Int
Password	Provided by cap hpi support	String
Date	In the format YYYY/MM/DD	dateTime

Standard SOAP 1.1 and 1.2 requests and responses can be found at https://soap.cap.co.uk/DataDownload/DataDownload_Webservice.asmx?op=List_NewPackagesFromDate

List_ProductPackages

This operation returns a list of files which can be downloaded for a product ID. Product packages which were created after the date set in ReturnPackagesNewerThanDate will be returned. For each package, the response lists the package date, package filename and package size.

You will need to pass in the following parameters in your request:

Parameter	Description	Data Type
SubscriberID	Provided by cap hpi support	Int
Password	Provided by cap hpi support	String
ProductID	Returned in the List_AllSubscriberProducts , List_LatestPackagesForSubscriber or List_NewPackagesFromDate response	Int
ReturnPackagesNewerThanDate	In the format YYYY/MM/DD	dateTime

Standard SOAP 1.1 and 1.2 requests and responses can be found at https://soap.cap.co.uk/DataDownload/DataDownload_Webservice.asmx?op=List_ProductPackages

List_ProductPackagesHistoric

This operation returns a list of files which can be downloaded for a product ID. Product packages which were created after the date set in ReturnPackagesNewerThanDate will be returned. For each package, the response lists the package date, package filename and package size.

You will need to pass in the following parameters in your request:

Parameter	Description	Data Type
SubscriberID	Provided by cap hpi support	Int
Password	Provided by cap hpi support	String
ProductID	Returned in the List_AllSubscriberProducts , List_LatestPackagesForSubscriber or List_NewPackagesFromDate response	Int
ReturnPackagesNewerThanDate	In the format YYYY/MM/DD	dateTime

Standard SOAP 1.1 and 1.2 requests and responses can be found at https://soap.cap.co.uk/DataDownload/DataDownload_Webservice.asmx?op=List_ProductPackagesHistoric

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List_SubscriberDetails

This operation returns your subscriber details. This includes the subscriber ID, name, account manager, company name, address telephone number and email. You will need to pass in the following parameters in your request:

Parameter	Description	Data Type
SubscriberID	Provided by cap hpi support	Int
Password	Provided by cap hpi support	String

Standard SOAP 1.1 and 1.2 requests and responses can be found at https://soap.cap.co.uk/DataDownload/DataDownload_Webservice.asmx?op=List_SubscriberDetails

List_SubscriberProducts

This operation returns the list of parent products that are available for you to download. The response lists the product ID, product name, product category, product type and renewal date. You will need to pass in the following parameters in your request:

Parameter	Description	Data Type
SubscriberID	Provided by cap hpi support	Int
Password	Provided by cap hpi support	String

Standard SOAP 1.1 and 1.2 requests and responses can be found at https://soap.cap.co.uk/DataDownload/DataDownload_Webservice.asmx?op=List_SubscriberProducts

Stream_LatestPackage

This operation returns the latest package file for a product ID. The response will detail the file name, date and the file split into chunks of data (base 64 binary). You will need to pass in the following parameters in your request:

Parameter	Description	Data Type
SubscriberID	Provided by cap hpi support	Int
Password	Provided by cap hpi support	String
ProductID	Returned in the List_AllSubscriberProducts , List_LatestPackagesForSubscriber or List_NewPackagesFromDate response	Int

Standard SOAP 1.1 and 1.2 requests and responses can be found at https://soap.cap.co.uk/DataDownload/DataDownload_Webservice.asmx?op=Stream_LatestPackage

Stream_Package

This operation returns a package file for a product ID and date. The response will detail the file name, date and the file split into chunks of data (base 64 binary). You will need to pass in the following parameters in your request:

Parameter	Description	Data Type
SubscriberID	Provided by cap hpi support	Int
Password	Provided by cap hpi support	String

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ProductID	Returned in the List_AllSubscriberProducts , List_LatestPackagesForSubscriber or List_NewPackagesFromDate response	Int
Date	In the format YYYY/MM/DD	dateTime

Standard SOAP 1.1 and 1.2 requests and responses can be found at https://soap.cap.co.uk/DataDownload/DataDownload_Webservice.asmx?op=Stream_Package

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Vehicle Registration Mark

This web service has three valuation operations which allow you to return a valuation. The first two allow you to return a valuation for a cap ID or VRM and mileage as well as information on the standard equipment on the vehicle. The third returns internet prices for a VRM and mileage. There are an additional two operations for auditing the use of this web service.

This values returned by this web service are the monthly deadlined values.

Endpoint: <https://soap.cap.co.uk/Vrm/CapVrm.asmx>

CAPIDValuation

This operation returns a valuation for a cap ID, taking into account the registration date and mileage. Standard equipment information can also be returned. The response details cap ID lookup information (cap code, cap manufacturer, range, model and derivative and when the model and derivative were introduced and discontinued), the valuation (clean, average, below and retail) and standard equipment if requested (code, description and category). You will need to pass in the following parameters in your request:

Parameter	Description	Data Type
SubscriberID	Provided by cap hpi support	Int
Password	Provided by cap hpi support	String
Database	CAR (Not CARS) or LCV	Int
capid		String
RegisteredDate	In the format YYYY/MM/DD	dateTime
Mileage	In full. A valuation will be provided based on the mileage rounded to the nearest thousand (e.g. if 1200 was entered, the valuation will be provided at 1000 miles)	Int
StandardEquipmentRequired	If TRUE, standard equipment will be returned	Boolean

Standard SOAP 1.1 and 1.2 requests and responses can be found at <https://soap.cap.co.uk/Vrm/CapVrm.asmx?op=CAPIDValuation>

VRMInternetPricesValuation

This operation performs a VRM lookup returns a list of banded internet prices for a VRM, taking into account the registration date and mileage. Standard equipment information can also be returned. The response details VRM lookup information (cap code, cap manufacturer, range, model and derivative and when the model and derivative were introduced and discontinued), high and low valuations (clean, average, below and retail) and standard equipment if requested (code, description and category). You will need to pass in the following parameters in your request:

Parameter	Description	Data Type
SubscriberID	Provided by cap hpi support	Int
Password	Provided by cap hpi support	String
VRM		String

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Parameter	Description	Data Type
Mileage	In full. A valuation will be provided based on the mileage rounded to the nearest thousand (e.g. if 1200 was entered, the valuation will be provided at 1000 miles)	Int
StandardEquipmentRequired	If TRUE, standard equipment will be returned	Boolean

Standard SOAP 1.1 and 1.2 requests and responses can be found at <https://soap.cap.co.uk/Vrm/CapVrm.asmx?op=VRMInternetPricesValuation>

VRMValuation

This operation returns a valuation for a VRM, taking into account the registration date and mileage. Standard equipment information can also be returned. The response details VRM lookup information (cap code, cap manufacturer, range, model and derivative and when the model and derivative were introduced and discontinued), valuation data (clean, average, below and retail) and standard equipment if requested (code, description and category). You will need to pass in the following parameters in your request:

Parameter	Description	Data Type
SubscriberID	Provided by cap hpi support	Int
Password	Provided by cap hpi support	String
VRM		String
Mileage	In full. A valuation will be provided based on the mileage rounded to the nearest thousand (e.g. if 1200 was entered, the valuation will be provided at 1000 miles)	Int
StandardEquipmentRequired	If TRUE, standard equipment will be returned	Boolean

Standard SOAP 1.1 and 1.2 requests and responses can be found at

<https://soap.cap.co.uk/Vrm/CapVrm.asmx?op=VRMValuation>

View_CAPIDValuation_Audit

This operation returns the total number of valuations and standard equipment items returned by cap ID lookups between two dates. The response contains a total value and a monthly breakdown for the date range. You will need to pass in the following parameters in your request:

Parameter	Description	Data Type
SubscriberID	Provided by cap hpi support	Int
Password	Provided by cap hpi support	String
DateFrom	In the format YYYY/MM/DD	dateTime
DateTo	In the format YYYY/MM/DD	dateTime

Standard SOAP 1.1 and 1.2 requests and responses can be found at

https://soap.cap.co.uk/Vrm/CapVrm.asmx?op=View_CAPIDValuation_Audit

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View_VRMValuation_Audit

This operation returns the total number of valuations and standard equipment items returned by VRM lookup between two dates. The response contains a total value and a monthly breakdown for the date range. You will need to pass in the following parameters in your request:

Parameter	Description	Data Type
Subscriber ID	Provided by cap hpi support	Int
Password	Provided by cap hpi support	String
DateFrom	In the format YYYY/MM/DD	dateTime
DateTo	In the format YYYY/MM/DD	dateTime

Standard SOAP 1.1 and 1.2 requests and responses can be found at

https://soap.cap.co.uk/Vrm/CapVrm.asmx?op=View_VRMValuation_Audit

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Future Values

This web service allows you to obtain a single valuation figure (based on cap hpi clean) or price per mile (PPM) valuation for a cap ID or cap code and is available for both New and Used Monitor values.

PPM takes into account servicing and maintenance, depreciation, fuel and road tax and is based on 3 years of ownership at 36,000 miles.

Endpoint: <https://soap.cap.co.uk/FutureValues/CAPFutureValues.asmx>

GetFutureValuation

This operation returns a future value for a cap ID or cap code, registration date, term and mileage. The response simply contains the valuation. You will need to pass in the following parameters in your request:

*All dates passed should be the first of the month (e.g. 2017/07/01). Results are cached for 30 minutes.

Note – Although you can request a future valuation up to 84 months in the future, values are currently only populated up to 60 months in the future.

Parameter	Description	Data Type
subscriberId	Provided by cap hpi support	Int
password	Provided by cap hpi support	String
database	CARS or LCV	String
capId		Int
capCode	If using cap code, set cap ID to 0	String
registrationDate	In the format YYYY/MM/DD	dateTime
datasetDate	Relates to the monthly edition (e.g. 2017/07/01 will use July 2017s data). This needs to be populated even if justCurrent is set to TRUE. In the format YYYY/MM/DD	dateTime
justCurrent	If TRUE, current Future Values will be returned, otherwise they will be taken from the given dataset	Boolean
monthsToValuation	Denotes how many months in the future from the Future Value Date the valuation is for. This can be between 12 and 84.	Int
mileage	Should be entered in full (e.g. 10540)	Int

Standard SOAP 1.1 and 1.2 requests and responses can be found at <https://soap.cap.co.uk/FutureValues/CAPFutureValues.asmx?op=GetFutureValuation>

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GetPpmValuation

This operation returns a pence per mile (PPM) valuation for a cap ID or cap code. PPM values are based on depreciation, fuel use and servicing and are only available for vehicles in the 'New Monitor' data set which covers vehicles registered on the current plate. The response simply contains the valuation. You will need to pass in the following parameters in your request:

*All dates passed should be the first of the month (e.g. 2017/07/01). Results are cached for 30 minutes.

Parameter	Description	Data Type
subscriberId	Provided by cap hpi support	Int
password	Provided by cap hpi support	String
database	CARS	String
capId		Int
capCode	If using cap code, set cap ID to 0	String
datasetDate	Relates to the monthly edition (e.g. 2017/07/01 will use July 2017s data). This needs to be populated even if justCurrent is set to TRUE. In the format YYYY/MM/DD	dateTime
justCurrent	If TRUE, current Future Values will be returned, otherwise they will be taken from the given dataset	Boolean
monthsToValuation	Denotes how many months in the future from the Future Value Date the valuation is for. This can be between 12 and 84.	Int
mileage	Should be entered in full (e.g. 10540)	Int

Standard SOAP 1.1 and 1.2 requests and responses can be found at <https://soap.cap.co.uk/FutureValues/CAPFutureValues.asmx?op=GetPpmValuation>

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Used Values

This web service contains a number of operations to return lists of used valuations based on various parameters.

This values returned by this web service are the monthly deadlined values.

Endpoint: <https://soap.cap.co.uk/UsedValues/CapUsedValues.asmx>

GetInternetPricesForIDYearLetterMileage

This operation returns a list of banded internet prices for a cap ID, year/letter and mileage. The response details high and low retail, private, clean, average and below values. You will need to pass in the following parameters in your request:

* All dates passed should be the first of the month e.g. 2017/07/01

Parameter	Description	Data Type
Subscriber_ID	Provided by cap hpi support	Int
Password	Provided by cap hpi support	String
Database	CARS, BIKES or LCV	String
capid		Int
UsedValuesDate	In the format YYYY/MM/DD	dateTime
JustCurrent	If TRUE, the current Used Values will be returned - otherwise they will be taken from the UsedValuesDate	Boolean
Year	Year of registration	Int
Letter	The 'plate' of the vehicle e.g. 17, 67	Int
Mileage	Mileages should be entered in full e.g. 12500	Int

Standard SOAP 1.1 and 1.2 requests and responses can be found at <https://soap.cap.co.uk/UsedValues/CapUsedValues.asmx?op=GetInternetPricesForIDYearLetterMileage>

GetInternetPricesForIDYearMonthMileage

This operation returns a list of banded internet prices for a cap ID, year/month and mileage. The response details high and low retail, private, clean, average and below values. You will need to pass in the following parameters in your request:

* All dates passed should be the first of the month e.g. 2017/07/01

Parameter	Description	Data Type
Subscriber_ID	Provided by cap hpi support	Int
Password	Provided by cap hpi support	String
Database	CARS, BIKES or LCV	String
capid		Int
UsedValuesDate	In the format YYYY/MM/DD	dateTime
JustCurrent	If TRUE, the current Used Values will be returned - otherwise they will be taken from the UsedValuesDate	Boolean

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Parameter	Description	Data Type
Year	Year of registration	Int
Month	The month the plate was introduced. 1 for January, 3 for March or 9 for September. If the vehicle is registered in May, then the month should be displayed as 3.	String
Mileage	Mileages should be entered in full e.g. 12500	Int

Standard SOAP 1.1 and 1.2 requests and responses can be found at

<https://soap.cap.co.uk/UsedValues/CapUsedValues.asmx?op=GetInternetPricesForIDYearMonthMileage>

GetUsedValuation

This operation returns a used valuation for a cap ID or cap code at a specific registration date, monthly publication and mileage for each pricing condition. The response details retail, clean, average and below values. You will need to pass in the following parameters in your request:

*Results are cached for 30 minutes

Parameter	Description	Data Type
Subscriber_ID	Provided by cap hpi support	Int
Password	Provided by cap hpi support	String
Database	CARS, BIKES or LCV	String
capid		Int
CAPCode		String
RegistrationDate	All dates passed should be the first of the month in the YYYY/MM/DD format.	dateTime
DatasetDate	Relates to the monthly edition, e.g. 2017/07/01 will use July 2017's data. This parameter needs to be populated even if JustCurrent is TRUE. In the format YYYY/MM/DD	dateTime
JustCurrent	If TRUE, the current Used Values will be returned - they will be taken from the given dataset date.	Boolean
Mileage	Mileages should be entered in full e.g. 12500	Int

Standard SOAP 1.1 and 1.2 requests and responses can be found at

<https://soap.cap.co.uk/UsedValues/CapUsedValues.asmx?op=GetUsedValuation>

GetUsedValuesForID

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This operation returns a list of used values available for all published plates and mileage parameters for a cap ID and a specific monthly publication. The response details the year, letter, mileage and retail, clean, average and below values as well as the cost when new. You will need to pass in the following parameters in your request:

* All dates passed should be the first of the month e.g. 2017/07/01. Results are cached for 30 minutes

Parameter	Description	Data Type
Subscriber_ID	Provided by cap hpi support	Int
Password	Provided by cap hpi support	String
Database	CARS, BIKES or LCV	String
capid		Int
UsedValuesDate	Relates to the monthly edition, e.g. 2017/07/01 will use July 2017's data. This parameter needs to be populated even if JustCurrent is TRUE. In the format YYYY/MM/DD	dateTime
JustCurrent	If TRUE, the current Used Values will be returned - they will be taken from the given dataset date.	Boolean

Standard SOAP 1.1 and 1.2 requests and responses can be found at <https://soap.cap.co.uk/UsedValues/CapUsedValues.asmx?op=GetUsedValuesForID>

GetUsedValuesForIDYearLetter

This operation returns a list of used values for all mileage parameters for a cap ID, year and letter for a specific monthly publication. The response details the year, letter, mileage and retail, clean, average and below values as well as the cost when new. You will need to pass in the following parameters in your request:

* All dates passed should be the first of the month e.g. 2017/07/01. Results are cached for 30 minutes

Parameter	Description	Data Type
Subscriber_ID	Provided by cap hpi support	Int
Password	Provided by cap hpi support	String
Database	CARS, BIKES or LCV	String
capid		Int
UsedValuesDate	Relates to the monthly edition, e.g. 2017/07/01 will use July 2017's data. This parameter needs to be populated even if JustCurrent is TRUE. In the format YYYY/MM/DD	dateTime
JustCurrent	If TRUE, the current Used Values will be returned - they will be taken from the given dataset date.	Boolean
Year	Year of registration	Int
Letter	The 'plate' of the vehicle e.g. 17, 67	String

Standard SOAP 1.1 and 1.2 requests and responses can be found at <https://soap.cap.co.uk/UsedValues/CapUsedValues.asmx?op=GetUsedValuesForIDYearLetter>

GetUsedValuesForIDYearLetterMileage

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This operation returns a list of used values for a cap ID, year/letter and mileage and a specific monthly publication. The response details the retail, clean, average and below values. You will need to pass in the following parameters in your request:

* All dates passed should be the first of the month e.g. 2017/07/01. Results are cached for 30 minutes

Parameter	Description	Data Type
Subscriber_ID	Provided by cap hpi support	Int
Password	Provided by cap hpi support	String
Database	CARS, BIKES or LCV	String
capid		Int
UsedValuesDate	Relates to the monthly edition, e.g. 2017/07/01 will use July 2017's data. This parameter needs to be populated even if JustCurrent is TRUE. In the format YYYY/MM/DD	dateTime
JustCurrent	If TRUE, the current Used Values will be returned - they will be taken from the UsedValuesDate	Boolean
Year	Year of registration	Int
Letter	The 'plate' of the vehicle e.g. 17, 67	String
Mileage	Mileages should be entered in full e.g. 12500	Int

Standard SOAP 1.1 and 1.2 requests and responses can be found at <https://soap.cap.co.uk/UsedValues/CapUsedValues.asmx?op=GetUsedValuesForIDYearLetterMileage>

GetUsedValuesForIDYearMonth

This operation returns a list of used values for all mileage parameters for a cap ID and month the plate was introduced for a specific monthly publication. The response details the year, letter, mileage and retail, clean, average and below values as well as the cost when new. You will need to pass in the following parameters in your request:

* All dates passed should be the first of the month e.g. 2017/07/01. Results are cached for 30 minutes

Parameter	Description	Data Type
Subscriber_ID	Provided by cap hpi support	Int
Password	Provided by cap hpi support	String
Database	CARS or LCV	String
capid		Int
UsedValuesDate	Relates to the monthly edition, e.g. 2017/07/01 will use July 2017's data. This parameter needs to be populated even if JustCurrent is TRUE. In the format YYYY/MM/DD	dateTime
JustCurrent	If TRUE, the current Used Values will be returned - they will be taken from the UsedValuesDate	Boolean
Year	Year of registration	Int

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Parameter	Description	Data Type
Month	The month the plate was introduced. 1 for January, 3 for March or 9 for September. If the vehicle is registered in May, then the month should be displayed as 3.	Int

Standard SOAP 1.1 and 1.2 requests and responses can be found at <https://soap.cap.co.uk/UsedValues/CapUsedValues.asmx?op=GetUsedValuesForIDYearMonth>

GetUsedValuesForIDYearMonthMileage

This operation returns a list of used values for a cap ID, month the plate was introduced and mileage for a specific monthly publication. The response details the year, letter, mileage and retail, clean, average and below values as well as the cost when new. You will need to pass in the following parameters in your request:

* All dates passed should be the first of the month e.g. 2017/07/01. Results are cached for 30 minutes

Parameter	Description	Data Type
Subscriber_ID	Provided by cap hpi support	Int
Password	Provided by cap hpi support	String
Database	CARS or LCV	String
capid		Int
UsedValuesDate	Relates to the monthly edition, e.g. 2017/07/01 will use July 2017's data. This parameter needs to be populated even if JustCurrent is TRUE. In the format YYYY/MM/DD	dateTime
JustCurrent	If TRUE, the current Used Values will be returned - they will be taken from the UsedValuesDate	Boolean
Year	Year of registration	Int
Month	The month the plate was introduced. 1 for January, 3 for March or 9 for September. If the vehicle is registered in May, then the month should be displayed as 3.	Int
Mileage	Mileages should be entered in full e.g. 12500	Int

Standard SOAP 1.1 and 1.2 requests and responses can be found at <https://soap.cap.co.uk/UsedValues/CapUsedValues.asmx?op=GetUsedValuesForIDYearMonthMileage>

GetUsedValuesHistoricDates

This operation returns a list of dates where used values are available. The response details the publication date for the used values. You will need to pass in the following parameters in your request:

* Results are cached for 1 hour

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Parameter	Description	Data Type
Subscriber_ID	Provided by cap hpi support	Int
Password	Provided by cap hpi support	String
Database	CARS, BIKES or LCV	String

Standard SOAP 1.1 and 1.2 requests and responses can be found at <https://soap.cap.co.uk/UsedValues/CapUsedValues.aspx?op=GetUsedValuesHistoricDates>

GetUsedValuesHistoryForIDYearLetter

This operation returns a list of used values for all mileage parameters for a cap ID and year/letter between the dates specified. The response details the publication date for the used values, year, letter, mileage and retail, clean, average and below values as well as the cost when new. You will need to pass in the following parameters in your request:

* Results are cached for 30 minutes

Parameter	Description	Data Type
Subscriber_ID	Provided by cap hpi support	Int
Password	Provided by cap hpi support	String
Database	CARS or LCV	String
capid		Int
Year	Year of registration	Int
Letter	The 'plate' of the vehicle e.g. 17, 67	String
MinDate	In the format YYYY/MM/DD	dateTime
MaxDate	In the format YYYY/MM/DD	dateTime

Standard SOAP 1.1 and 1.2 requests and responses can be found at <https://soap.cap.co.uk/UsedValues/CapUsedValues.aspx?op=GetUsedValuesHistoryForIDYearLetter>

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Used Values Live

This web service contains a number of operations to return lists of Live used valuations based on various parameters. All dates passed should be the first of the month.

This values returned by this web service are the Live values.

Endpoint: <https://soap.cap.co.uk/UsedValuesLive/CapUsedValuesLive.asmx>

GetUsedLiveHistoric_IdRegDateMileage

This operation returns used values for a cap ID, registration date and mileage between the dates specified. The response details the year, month and letter of the plate, along with a retail, clean, average and below valuation, the date of each valuation and any comments. You will need to pass in the following parameters in your request:

Parameter	Description	Data Type
subscriberId	Provided by cap hpi support	Int
password	Provided by cap hpi support	String
database	CARS only	String
capId		Int
dateFrom	In the format YYYY/MM/DD	dateTime
dateTo	In the format YYYY/MM/DD	dateTime
maxRecords	Use to limit the number of results. Pass 0 for unlimited	Int
regDate	In the format YYYY/MM/DD	dateTime
mileage	Entered in full e.g. 12500	Int

Standard SOAP 1.1 and 1.2 requests and responses can be found at https://soap.cap.co.uk/UsedValuesLive/CapUsedValuesLive.asmx?op=GetUsedLiveHistoric_IdRegDateMileage

GetUsedLiveHistoric_IdYearLetterMileage

This operation returns used values for a cap ID, year/letter and mileage between the dates specified. The response details the year, month and letter of the plate, along with a retail, clean, average and below valuation, the date of each valuation and any comments. You will need to pass in the following parameters in your request:

Parameter	Description	Data Type
subscriberId	Provided by cap hpi support	Int
password	Provided by cap hpi support	String
database	CARS only	String
capId		Int
dateFrom	In the format YYYY/MM/DD	dateTime
dateTo	In the format YYYY/MM/DD	dateTime
maxRecords	Use to limit the number of results. Pass 0 for unlimited	Int
year	Year of registration	Int

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Parameter	Description	Data Type
letter	The 'plate' of the vehicle e.g. 17, 67	String
mileage	Entered in full e.g. 12500	Int

Standard SOAP 1.1 and 1.2 requests and responses can be found at https://soap.cap.co.uk/UsedValuesLive/CapUsedValuesLive.asmx?op=GetUsedLiveHistoric_IdYearLetterMileage

GetUsedLiveHistoric_IdYearMonthMileage

This operation returns used values for a cap ID, year, month and mileage between the dates specified. The response details the year, month and letter of the plate, along with a retail, clean, average and below valuation, the date of each valuation and any comments. You will need to pass in the following parameters in your request:

Parameter	Description	Data Type
subscriberId	Provided by cap hpi support	Int
password	Provided by cap hpi support	String
database	CARS only	String
capId		Int
dateFrom	In the format YYYY/MM/DD	dateTime
dateTo	In the format YYYY/MM/DD	dateTime
maxRecords	Use to limit the number of results. Pass 0 for unlimited	Int
year	Year of registration	Int
month	The month the plate was introduced. 1 for January, 3 for March or 9 for September. If the vehicle is registered in May, then the month should be displayed as 3.	Int
mileage	Entered in full e.g. 12500	Int

Standard SOAP 1.1 and 1.2 requests and responses can be found at https://soap.cap.co.uk/UsedValuesLive/CapUsedValuesLive.asmx?op=GetUsedLiveHistoric_IdYearMonthMileage

GetUsedLive_IdRegDate

This operation returns a list of used values based on mileage for a cap ID and registration date for a given date. The response details the year, month and letter of the plate, along with a retail, clean, average and below valuation, the date of each valuation and any comments. You will need to pass in the following parameters in your request:

Parameter	Description	Data Type
subscriberId	Provided by cap hpi support	Int
password	Provided by cap hpi support	String
database	CARS only	String
capId		Int
valuationDate	In the format YYYY/MM/DD	dateTime
regDate	In the format YYYY/MM/DD	dateTime

Standard SOAP 1.1 and 1.2 requests and responses can be found at https://soap.cap.co.uk/UsedValuesLive/CapUsedValuesLive.asmx?op=GetUsedLive_IdRegDate

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GetUsedLive_IdRegDateMileage

This operation returns a used value for a cap ID, registration date and mileage for a given date. The response details the year, month and letter of the plate, along with a retail, clean, average and below valuation for the specified mileage, the date of each valuation and any comments. You will need to pass in the following parameters in your request:

Parameter	Description	Data Type
subscriberId	Provided by cap hpi support	Int
password	Provided by cap hpi support	String
database	CARS only	String
capId		Int
valuationDate	In the format YYYY/MM/DD	dateTime
regDate	In the format YYYY/MM/DD	dateTime
mileage	Entered in full e.g. 12500	Int

Standard SOAP 1.1 and 1.2 requests and responses can be found at https://soap.cap.co.uk/UsedValuesLive/CapUsedValuesLive.asmx?op=GetUsedLive_IdRegDateMileage

GetUsedLive_IdYearLetter

This operation returns a list of used values based on mileage for a cap ID, year and letter for a given date. The response details the year, month and letter of the plate, along with retail, clean, average and below valuations, the date of each valuation and any comments. You will need to pass in the following parameters in your request:

Parameter	Description	Data Type
subscriberId	Provided by cap hpi support	Int
password	Provided by cap hpi support	String
database	CARS only	String
capId		Int
valuationDate	In the format YYYY/MM/DD	dateTime
year	Year of registration	Int
letter	The 'plate' of the vehicle e.g. 17, 67	String

Standard SOAP 1.1 and 1.2 requests and responses can be found at https://soap.cap.co.uk/UsedValuesLive/CapUsedValuesLive.asmx?op=GetUsedLive_IdYearLetter

GetUsedLive_IdYearLetterMileage

This operation returns a used value for a cap ID, year, letter and mileage for a given date. The response details the year, month and letter of the plate, along with a retail, clean, average and

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below valuation for the specified mileage, the date of each valuation and any comments. You will need to pass in the following parameters in your request:

Parameter	Description	Data Type
subscriberId	Provided by cap hpi support	Int
password	Provided by cap hpi support	String
database	CARS only	String
capId		Int
valuationDate	In the format YYYY/MM/DD	dateTime
year	Year of registration	Int
letter	The 'plate' of the vehicle e.g. 17, 67	String
mileage	Entered in full e.g. 12500	Int

Standard SOAP 1.1 and 1.2 requests and responses can be found at https://soap.cap.co.uk/UsedValuesLive/CapUsedValuesLive.asmx?op=GetUsedLive_IdYearLetterMileage

GetUsedLive_IdYearMonth

This operation returns a list of used values based on mileage for a cap ID, year and month for a given date. The response details the year, month and letter of the plate, along with retail, clean, average and below valuations, the date of each valuation and any comments. You will need to pass in the following parameters in your request:

Parameter	Description	Data Type
subscriberId	Provided by cap hpi support	Int
password	Provided by cap hpi support	String
database	CARS only	String
capId		Int
valuationDate	In the format YYYY/MM/DD	dateTime
year	Year of registration	Int
month	The month the plate was introduced. 1 for January, 3 for March or 9 for September. If the vehicle is registered in May, then the month should be displayed as 3.	Int

Standard SOAP 1.1 and 1.2 requests and responses can be found at https://soap.cap.co.uk/UsedValuesLive/CapUsedValuesLive.asmx?op=GetUsedLive_IdYearMonth

GetUsedLive_IdYearMonthMileage

This operation returns a used value for a cap ID, year, month and mileage for a given date. The response details the year, month and letter of the plate, along with a retail, clean, average and

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below valuation for the specified mileage, the date of each valuation and any comments. You will need to pass in the following parameters in your request:

Parameter	Description	Data Type
subscriberId	Provided by cap hpi support	Int
password	Provided by cap hpi support	String
database	CARS only	String
capId		Int
valuationDate	In the format YYYY/MM/DD	dateTime
year	Year of registration	Int
month	The month the plate was introduced. 1 for January, 3 for March or 9 for September. If the vehicle is registered in May, then the month should be displayed as 3.	Int
Mileage	Entered in full e.g. 12500	Int

Standard SOAP 1.1 and 1.2 requests and responses can be found at https://soap.cap.co.uk/UsedValuesLive/CapUsedValuesLive.asmx?op=GetUsedLive_IdYearMonthMileage

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Vehicle Image Web Service

This web service has a set of operations to allow you to determine whether a cap ID holds a single image or multiple viewpoints and the vehicle description associated with the image as well as three main operations to allow you to access the vehicle images.

Note: An image ID can be used against multiple cap IDs.

GetCompleteImageList

This operation returns a list of the New Vehicle Data images. The response details the total number of images, the total with an image set and the total without as well as a list of the images detailing the image ID, image name, and whether the image is set. You will need to pass in the following parameters in your request:

Parameter	Description	Data Type
subscriberId	Provided by cap hpi support	Int
Password	Provided by cap hpi support	String
Database	CARS or LCV	String

Standard SOAP 1.1 and 1.2 requests and responses can be found at https://soap.cap.co.uk/images/VehicleImage_Webservice.asmx?op=GetCompleteImageList

GetImageList

This operation returns a list of the available images and will identify if the image ID is a set. The response details the total number of images, the total with an image set and the total without as well as a list of the images detailing the image ID, image name, and whether the image is set. You will need to pass in the following parameters in your request:

Parameter	Description	Data Type
Subscriber_ID	Provided by cap hpi support	Int
Password	Provided by cap hpi support	String
Database	CARS or LCV	String
ImageId	If left blank, a list of all available images is returned	String

Standard SOAP 1.1 and 1.2 requests and responses can be found at https://soap.cap.co.uk/images/VehicleImage_Webservice.asmx?op=GetImageList

GetImageVehicleLinks

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This operation returns a list of image vehicle links which can be used to link all the description data fields (codes) to an image ID. The response details the total number of images, the total with an image set and the total without as well as a list of the images detailing the image ID, image name, and whether the image is set. You will need to pass in the following parameters in your request:

Parameter	Description	Data Type
Subscriber_ID	Provided by cap hpi support	Int
Password	Provided by cap hpi support	String
Database	CARS or LCV	String

Standard SOAP 1.1 and 1.2 requests and responses can be found at https://soap.cap.co.uk/images/VehicleImage_Webservice.asmx?op=GetImageVehicleLinks

GetManDataSet

This operation returns the Vehicle ASCII Man Set. The response details the manufacturer code and name. You will need to pass in the following parameters in your request:

Parameter	Description	Data Type
subscriberId	Provided by cap hpi support	Int
Password	Provided by cap hpi support	String
Product	CARS or LCV	String

Standard SOAP 1.1 and 1.2 requests and responses can be found at https://soap.cap.co.uk/images/VehicleImage_Webservice.asmx?op=GetManDataSet

GetDerDataSet

This operation returns the Vehicle ASCII Der Set. The response details the manufacturer code, range code, model code, cap ID, cap code, derivative, date the derivative was introduced and date it was discontinued where applicable. If 0 is returned as the year the derivative was discontinued, then the derivative is still active. You will need to pass in the following parameters in your request:

Parameter	Description	Data Type
subscriberId	Provided by cap hpi support	Int
Password	Provided by cap hpi support	String
Product	CARS or LCV	String

Standard SOAP 1.1 and 1.2 requests and responses can be found at https://soap.cap.co.uk/images/VehicleImage_Webservice.asmx?op=GetDerDataSet

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GetModDataSet

This operation returns the Vehicle ASCII Mod Set. The response details the manufacturer code, range code, model code, model name, the year the mode was introduced and the year the model was discontinued. If 0 is returned as the year the model was discontinued, then the model is still active. You will need to pass in the following parameters in your request:

Parameter	Description	Data Type
subscriberId	Provided by cap hpi support	Int
Password	Provided by cap hpi support	String
Product	CARS or LCV	String

Standard SOAP 1.1 and 1.2 requests and responses can be found at https://soap.cap.co.uk/images/VehicleImage_Webservice.asmx?op=GetModDataSet

GetRangeDataSet

This operation returns the Vehicle ASCII Range Set. The response details the manufacturer code, range code and the range name. You will need to pass in the following parameters in your request:

Parameter	Description	Data Type
subscriberId	Provided by cap hpi support	Int
Password	Provided by cap hpi support	String
Product	CARS or LCV	String

Standard SOAP 1.1 and 1.2 requests and responses can be found at https://soap.cap.co.uk/images/VehicleImage_Webservice.asmx?op=GetRangeDataSet

GetTrimDataSet

This operation returns the Vehicle ASCII Trim set. The response details the manufacturer code, range code, model code, trim code and trim name. You will need to pass in the following parameters in your request:

Parameter	Description	Data Type
subscriberId	Provided by cap hpi support	Int
Password	Provided by cap hpi support	String
Product	CARS or LCV	String

Standard SOAP 1.1 and 1.2 requests and responses can be found at https://soap.cap.co.uk/images/VehicleImage_Webservice.asmx?op=GetTrimDataSet

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GetViewPoints

This operation returns a list of the available viewpoints (e.g. profile, front, rear). The response details the image viewpoint ID, viewpoint name and whether the viewpoint is the main image. You will need to pass in the following parameters in your request:

Parameter	Description	Data Type
subscriberId	Provided by cap hpi support	Int
Password	Provided by cap hpi support	String
Database	CARS or LCV	String

Standard SOAP 1.1 and 1.2 requests and responses can be found at https://soap.cap.co.uk/images/VehicleImage_Webservice.asmx?op=GetViewPoints

Get Image

This operation returns an image for a given image ID. You will need to pass in the following parameters in your request:

Parameter	Description	Data Type
Subscriber ID	Provided by cap hpi support	Int
Password	Provided by cap hpi support	String
Database	CARS	String
Image Id		Int
Width	Max width 1024 pixels. If left blank, defaults to max width.	Int
Height	Max height 768 pixels. If left blank, defaults to max height.	Int
Image Text	Allows you to write any text on the returned image	String
View Point	1 = Profile 2 = Front 3 = Front Three Quarter (Main Image) 4 = Rear 5 = Rear Three Quarter 6 = Interior (CARS only)	Int

A function to test the operation can be found at <https://soap.cap.co.uk/images/VehicleImage.aspx>

Get Image for cap ID and Date

This operation returns an image for a specific cap ID and date. You will need to pass in the following parameters in your request:

Parameter	Description	Data Type
Subscriber ID	Provided by cap hpi support	Int
Password	Provided by cap hpi support	String
Database	CARS	String
CAP Id		Int
Date	In the format DD/MM/YYYY	dateTime
Width	Max width 1024 pixels. If left blank, defaults to max width.	Int
Height	Max height 768 pixels. If left blank, defaults to max height.	Int

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Parameter	Description	Data Type
Image Text	Allows you to write any text on the returned image	String
View Point	1 = Profile 2 = Front 3 = Front Three Quarter (Main Image) 4 = Rear 5 = Rear Three Quarter 6 = Interior (CARS only)	Int

A function to test the operation can be found at <https://soap.cap.co.uk/images/VehicleImage.aspx>

Get Image for cap ID's Last Model Year

This operation returns the image associated with the vehicle's last model change. You will need to pass in the following parameters in your request:

Parameter	Description	Data Type
Subscriber ID	Provided by cap hpi support	Int
Password	Provided by cap hpi support	String
Database	CARS	String
CAP Id		Int
Width	Max width 1024 pixels. If left blank, defaults to max width.	Int
Height	Max height 768 pixels. If left blank, defaults to max height.	Int
Image Text	Allows you to write any text on the returned image	String
View Point	1 = Profile 2 = Front 3 = Front Three Quarter (Main Image) 4 = Rear 5 = Rear Three Quarter 6 = Interior (CARS only)	Int

A function to test the operation can be found at <https://soap.cap.co.uk/images/VehicleImage.aspx>



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Appendix A

	Vehicle Data			NVD			Valuations								
	DVLA	SMMT	cap hpi	NVD	Options	P11D	Clean/Average/Belo w/Retail	Mileage based	Internet prices	Future (single)	PPM	Historic	SMR	TCO	Legislation
VRM	DVLA	DVLA	DVLA		VRM		VRM								
VIN	DVLA	DVLA	DVLA												
cap code							UV			FV	FV		SMR		
Cap ID			VRM VEHC VI	NVD	VRM	P11D	VRM UV UVL	UVL	UV	FV	FV	UV	SMR	TCO	LEG

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