auto connect WEBDIV

Validation & Registration
XML Webservice

Version 1.2.5

1. Introduction

The Autoconnect WebDIV Validation and Registration XML webservice allows you to register a vehicle (or validate a request for registration) via a SOAP web service. The web service requires an XML block request, and will return an XML in the same http(s) call.

The raw XML is sent to the URL with the HTTP POST commando. The web service will then take some time to consult different databases. This may take a few seconds.

The Validation-service:
This service will inform you whether a vehicle is able to be registered based on the data you provided. Registration will not be carried out yet. The output will not include information about the owner or the vehicle.

The Registration-service:
This service allows you to register the vehicle in real time. The vehicle will be registered in the DIV database. As a result you will obtain all the information about the owner, the vehicle and the assigned license plate number.

URLs for testing/acceptance:
Validation: http://webdivacceptance.inmotiv.be/apps/licenseplate/backoffice/WSvalidation_1.2.asp
Registration:
http://webdivacceptance.inmotiv.be/apps/licenseplate/backoffice/WSregistration_1.2.asp

Attention: IP-filtering is enabled on the acceptance environment. In order to use these URLs, you will first need to share your IP-address with us.

URLs for production:
Validation: https://webdiv.inmotiv.be/apps/licenseplate/backoffice/WSvalidation_1.2.asp
Registration: https://webdiv.inmotiv.be/apps/licenseplate/backoffice/WSregistration_1.2.asp

2. Details of the fields used in the data exchange

Autoconnect WEBDIV Validation/Registration webservice REQUEST							
Pad	**Pad**	**Pad**	**Alpha Num**	**Mand Opt**	**Max. Length**	**Description**	**Comments**
Authentication	Username		A	M	32	The username that was assigned to you	
Authentication	Password		A	M	32	The password that was assigned to you	
Authentication	User	UserNationalId	N	O	11	National number (BE) of the person completing the registration	Format: 11 digits, numbers only. When this is left blank, the webservice will use the users alternative identification.
Authentication	User	UserLanguageCode	N	M	2	Language code of the user	This will determine in which language you will receive the DIV error codes. FR, NL or DE.
Request	Transaction	TransactionId	N	O	10	Transaction-ID that was given to you during validation	Only mandatory in Registration
Request	OwnerTitular	OwnerNationalId	N	O	11	National number of the owner of the vehicle.	Format: 11 digits. Mandatory field when the vehicle needs to be registered as a private vehicle.
Request	OwnerTitular	CompanyNr	N	O	10	Company number of the owner of the vehicle.	Format: 10 digits. Mandatory field when the vehicle needs to be registered as a company vehicle.
Request	OwnerTitular	OwnerLanguageCode	A	M	2	Language code of the owner of the vehicle.	FR, NL or DE.
Request	Vehicle	ContractNr	A	O	20	Your personal file number	Optional, for your administration, will not be sent to DIV, neither be printed
Request	Vehicle	ContractDriverName	A	O	70	Driver name (useful for fleets)	Optional, will not be sent to DIV, neither be printed
Request	Vehicle	NewUsed	A	M	1	New or second-hand vehicle	Y = new , N = second-hand
Request	Vehicle	Vin	A	M	17	VIN number	Mandatory format: 17 characters. No letter 'O' possible.
Request	Vehicle	Controlcode	N	O	3	Control code	On the registration form to be found as 'E1/R4'

Request	Vehicle	FormerPlateNumber	A	O	10	Plate number of previous owner	For second-hand vehicles - the previous plate number as it is mentioned on the registration form.
Request	Vehicle	FormerRegistrationDate	A	O	10	Last registration date	For second-hand vehicles - last registration date as it is mentioned on the registration form. Format: yyyy-mm-dd.
Request	Vehicle	PedelecType	A	O	2	PA, AU,BR or empty	Can be PA, AU or BR. PA: speed pedelec with pedalling assistance AU: speed pedelec that can drive autonomously BR/empty: not a speed pedelec
Request	Registration	PlateFormat	A	M	1	Desired format of the official plate	2 = default format, 1 = large square (SUVs), M = motorcycle, P = speed pedelec, scooter
Request	Registration	CIMLanguageCode	N	M	2	Language of the registration	FR, NL or DE. A private vehicle should always be registered in the main language of the owner's municipality.
Request	Registration	DIVFormNumber	A	O	9	Number of the registration form	9 digit form number from the pink form (X12)
Request	Registration	ReusePlate	A	M	1	Reutilisation of an existent plate.	Y (yes) or N (no). If Y = ReusedPlateNumber mandatory.
Request	Registration	ReusedPlateNumber	A	O	10	Plate number for reutilisation	Mandatory if ReusePlate = Y.
Request	Registration	ExternalBroker	A	O	28	MemberId=... Enterprisenumber=..	When filled, the registration request will not yet be executed but will be forwarded to another Autoconnect Webdiv client. Use either format: "Memberid=123456" or "Enterprisenumber=0999888777".
Request	Delivery	RushDelivery	N	M	1	Rush delivery	1 = express delivery, 2 = normal delivery

Request	Delivery	DeliveryType	N	M	1	Delivery of the official license plate	1 = owner's address, 2 = address of choice, 3 = post point
Request	Delivery	PostPointcode		M	8	Code of the post point	In case of delivery in post point
Request	Delivery	FdaFirstName	A	O	25	Address of choice: name	Mandatory when deliveryType = 2
Request	Delivery	FdaLastName	A	O	50	Address of choice: surname	Mandatory when deliveryType = 2
Request	Delivery	FdaStreet	A	O	50	Address of choice: stree tname	Mandatory when deliveryType = 2
Request	Delivery	FdaHouseNumber	A	O	5	Address of choice: house number	Mandatory when deliveryType = 2
Request	Delivery	FdaBus	A	O	5	Address of choice: mailbox number	
Request	Delivery	FdaPostalcode	A	O	4	Address of choice: post code	Mandatory when deliveryType = 2
Request	Delivery	FdaCity	A	O	50	Address of choice: city	Mandatory when deliveryType = 2
Request	Delivery	FdaEmail	A	O	60	Address of choice: e-mail address receiver	
Request	Delivery	FdaTel	A	O	50	Address of choice: telephone number receiver	
Request	Delivery	PPContactType	A	O	1	Delivery in post point: how to contact the receiver	Mandatory when deliveryType = 3 or RushDelivery=1. 1 = E-mail, 2 = SMS, 3 = Telephone
Request	Delivery	PPContactFirstName	A	O	50	Delivery in post point: name	Mandatory when deliveryType = 3 or RushDelivery=1.
Request	Delivery	PPContactLastName	A	O	150	Delivery in post point: surname	Mandatory when deliveryType = 3 or RushDelivery=1.
Request	Delivery	PPContactGSM	A	O	15	Delivery in post point: mobile phone number	Mandatory when deliveryType = 3 or RushDelivery=1 and PPcontactType= 2 or 3.
Request	Delivery	PPContactTel	A	O	20	Delivery in post point: telephone number	Mandatory when deliveryType = 3 or RushDelivery=1 and PP contactType = 3 + PPcontactGSM is blank.
Request	Delivery	PPContactEmail	A	O	255	Delivery in post point: e-mail adres van de ontvanger	Mandatory when deliveryType = 3 or RushDelivery=1 and PPcontactType = 1.
Request	Insurance	NBBCode	A	M	5	Code of the insurance company	5 digit code of the insurance company as known by NBB.

Request	Insurance	InsuranceReferenceNr		A	M	50	Insurance reference number.	
Request	Options	Frontplate		A	O	1	Is a front plate needed?	Y (yes) or N (no). If Y, FrontplateDelivery is mandatory.
Request	Options	FrontplateDelivery		A	O	1	Delivery destination of the front plate	1 = Address of the owner, 2 = Address of choice of the official plate

Autoconnect WEBDIV Validation webservice RESPONSE

Pad	Pad	Pad	Pad	Alpha Num	Max. Length	Description	Comments
Response	ResultSuccess			N	1	The details are correct	If 0 = validation failed; if 1 = validation succeeded, and you can use the same details and transactionID for the registration.
Response	Transaction	TransactionId		N	10	Transaction ID	TransactionID from WebDIV. Use this number to complete the registration..
Response	Transaction	Timestamp		N	14	Date and time of the registration	Format: YYYYMMDDHHMMSS
Response	OwnerTitular	OwnerNationalId		N	11	National number of the owner	Formaat: 11 digits.
Response	OwnerTitular	CompanyNr		N	10	Company number of the owner	Formaat: 10 digits.
Response	OwnerTitular	OwnerLanguageCode		A	2	Language code of the owner	FR, NL or DE.
Response	Vehicle	ContractNr		A	20	Your personal file number	
Response	Vehicle	Vin		A	17	VIN number	17 characters.
Response	Vehicle	Controlcode		N	3	Control code	3 digits.
Response	Vehicle	FormerPlateNumber		A	10	Plate number of previous owner	For second-hand vehicles - the previous plate number as it is mentioned on the registration form.
Response	Vehicle	FormerRegistrationDate		A	10	Last registration date	For second-hand vehicles - last registration date as it is mentioned on the registration form. Format: yyyy-mm-dd.
Response	Vehicle	NewUsed		A	1	New of used vehicle?	Y = new, N = second hand

Response	Vehicle	PedelecType		A	2	PA, AU,BR or empty	Can be PA, AU or BR. PA: speed pedelec with pedalling assistance AU: speed pedelec that can drive autonomously BR: not a speed pedelec
Response	Registration	PlateFormat		A	1	Desired format of the official plate	2 = default format, 1 = large square (SUVs), M = motorcycle, P = speed pedelec, scooter
Response	Registration	CIMLanguageCode		A	2	Language of the registration	FR, NL or DE.
Response	Registration	DIVFormNumber		A	9		9 digit form number from the pink form (X12)
Response	Registration	ReusePlate		A	1	Reutilisation of an existent plate.	Y (yes) or N (no).
Response	Registration	ReusedPlateNumber		A	10	Plate number for reutilisation	
Response	Registration	ExternalBroker		A	28		Other Autoconnect Webdiv client the registration request will be forwarded to.
Response	Insurance	NBBCode		N	5	Code of the insurance company	5 digit code of the insurance company as known by NBB.
Response	Insurance	InsuranceReferenceNr		A	50	Insurance reference number	
Response	Errors	Error	ErrorType	A	10	Type of error code	In case DIV reported an error.
Response	Errors	Error	ErrorCode	A	255	Error code	In case DIV reported an error.
Response	Errors	Error	ErrorDescription	A	400	Description of error	In case DIV reported an error.

Autoconnect WEBDIV Registration webservice RESPONSE

Pad	Pad	Pad	Pad	Alpha Num	Max. Length	Description	Comments
Response	Transaction	TransactionId		N	10	Transaction ID	Transaction number of WebDIV
Response	Transaction	Timestamp		N	14	Date and time of registration.	Format: YYYYMMDDHHMMSS
Response	ResultSuccess			N	1	Registration result	0 = registration failed 1 = registration succeeded
Response	RegistrationData	RegistrDIVRecordID		A	10	DIV registration ID	
Response	RegistrationData	RegistrRegistrationDate		A	10	Date of this registration	
Response	RegistrationData	RegistrPlateNumber		A	10	Plate number of this registration	
Response	RegistrationData	DIVFormNumber		A	9		9 digit form number from the pink form (X12)
Response	OwnerTitular	OwnerNationalId		N	11	National number of the owner	Format: 11 digits.
Response	OwnerTitular	CompanyNr		N	10	Company number of the owner	Format: 10 digits.
Response	OwnerTitular	OwnerLanguageCode		A	2	Language code of the owner	FR, NL or DE.
Response	Vehicle	ContractNr		A	20	Your personal file number	
Response	Vehicle	ContractDriverName		A	70	Driver name (useful for fleets)	
Response	Vehicle	Vin		A	17	VIN number	17 characters
Response	Vehicle	Controlcode		N	3	Control code	3 digits
Response	Vehicle	FormerPlateNumber		A	10	Plate number of previous owner	
Response	Vehicle	FormerRegistrationDate		A	10	Last registration date	
Response	Vehicle	PedelecType		A	2	PA, AU,BR or empty	Can be PA, AU or BR. PA: speed pedelec with pedalling assistance AU: speed pedelec that can drive autonomously BR/empty: not a speed pedelec

Response	Vehicle	VehicleCarDesc		A	60	Vehicle description	Contains make and model.
Response	Vehicle	VehicleCarKind		A	50	Vehicle type	
Response	Vehicle	VehicleNewYN		A	1	New or second hand	Y = new; N = used
Response	Vehicle	VehiclePVANumber		A	6	Belgian, PVA number	Will be empty as of end 2022.
Response	Vehicle	VehicleEnergyCode		A	2	Fuel kind	
Response	Vehicle	VehicleCylinder		N	5	Cylinder capacity	
Response	Vehicle	VehicleCarMake		A	100	Make	Will be empty as of end 2022.
Response	Vehicle	VehicleCarType		A	100	Model	Will be empty as of end 2022.
Response	Vehicle	VehicleColour		A	100	Colour	Will be empty as of end 2022.
Response	Vehicle	VehicleCarKW		N	5	Kilowatt	
Response	Vehicle	VehicleCarMass		N	5	Mass	
Response	Vehicle	VehicleMaxWght		N	5	Max. weight (kg)	
Response	Vehicle	VehicleMaxWghtTrailer		N	5	Max. trailer weight (kg)	Will be empty as of end 2022
Response	Vehicle	VehicleNbrSeated		N	3	Number of seating places	
Response	Vehicle	VehicleNbrStanding		N	3	Number of standing places	Will be empty as of end 2022.
Response	Vehicle	VehicleFirstRegistrationDate		A	10	First registration date	Format: yyyy-mm-dd
Response	Vehicle	ReqETG		A	40	WVTA / European type approval number	
Response	Vehicle	ReqVariant		A	25	Variant	As specified on the COC
Response	Vehicle	ReqVersie		A	35	Version	As specified on the COC
Response	Vehicle	CO2		N	5	CO2-emission in gr/km	Will be empty as of end 2022.
Response	Vehicle	CO2NEDCcombined		N	5	CO2-emission in gr/km	
Response	Vehicle	CO2NEDCweightedcombined		N	5	CO2-emission in gr/km	
Response	Vehicle	CO2WLTPcombined		N	5	CO2-emission in gr/km	
Response	Vehicle	CO2WLTPweightedcombined		N	5	CO2-emission in gr/km	
Response	Registration	PlateFormat		A	1	Desired format of the official plate	2 = default format, 1 = large square (SUVs), M = motorcycle, P = speed pedelec, scooter

Response	Registration	CIMLanguageCode		A	2	Language of the registration	FR, NL or DE.
Response	Registration	ReusePlate		A	1	Reutilisation of an existent plate.	Y (yes) or N (no).
Response	Registration	ReusedPlateNumber		A	10	Plate number for reutilisation	
Response	Registration	ExternalBroker		A	28		Other Autoconnect Webdiv client the registration request will be forwarded to.
Response	Insurance	NBBCode		N	5	Code of the insurance company	5 digit code of the insurance company as known by NBB.
Response	Insurance	InsuranceReferenceNr		A	50	Insurance reference number	
Response	Options	Frontplate			1	Front plate ordered?	Y (yes) or N (no).
Response	Options	FrontplateDelivery		A	1	Delivery destination of the front plate	1 = Address of the owner, 2 = Address of choice of the official plate
Response	Errors	Error	ErrorType	A	10	Type of error code	In case DIV reported an error.
Response	Errors	Error	ErrorCode	A	255	Error code	In case DIV reported an error.
Response	Errors	Error	ErrorDescription	A	400	Description of error	In case DIV reported an error.

3. Input validation

The above restrictions on the various input parameters are enforced by the web services. Whenever a parameter does not meet the required standard, an ErrorType "INVALIDDATA" will appear. If multiple errors are found, only one validation will be displayed at a time.

4. Error code examples

Error codes can occur on multiple levels within the Autoconnect WEBDIV Validation and Registration web services.

ErrorType "NOAUTH"
This error will appear when you do not have access to the web services based on the Username and Password you provided. Get in touch with our service desk in order to obtain access.

ErrorType "INVALIDXML"
This error will appear when the XML request is built incorrectly. Please verify and resend the XML. Attention: Validation and Registration contain a different XML root element.

ErrorType "INVALIDDATA"
This error will appear when the provided values in the input parameters aren't in the correct format (numeric, alphanumeric, length, mandatory, summary).
The ErrorCode element will reflect which value is causing the error.
Please verify and resend the XML.

ErrorType "COMERROR"
This error will appear when a communication error has occured within the DIV database. Some ErrorCode element examples are:
READDATA: an error occurred while trying to read the result from the database
SAVEDATA: an error occurred while trying to save the result to the database
DIVWEB: communication error
UNKNOWN: unknown
Please get in touch with our service desk if you receive any of these error codes.

ErrorType "DIVERROR"
These error codes relate to the data content and are generated by DIV.
A code is provided in the ErrorCode element. A list with error code examples is available on request.

5. Registration Request example

(for Validation you can replace <WebdivRegistration>, by <WebdivValidation>)

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<WebdivRegistration>
        <Authentication>
                <Username>UserName</Username>
                <Password>Password</Password>
                <User>
                        <UserNationalId> 87032802414</ UserNationalId >
                        <UserLanguageCode>NL</UserLanguageCode>
                </User>
        </Authentication>
        <Request>
```

```
                <OwnerTitular>
                        <CompanyNr>0425252525</CompanyNr>
                        <OwnerLanguageCode>NL</OwnerLanguageCode>
                </OwnerTitular>
                <Vehicle>
                        <ContractNr>344556</ContractNr>
                        <NewUsed>Y</NewUsed>
                        <Vin>AAAAABBBBB1234567</Vin>
                        <PedelecType>PA</PedelecType>
                </Vehicle>
                <Registration>
                        <PlateFormat>2</PlateFormat>
                        <CIMLanguageCode>NL</CIMLanguageCode>
                        <DIVFormNumber>123456789</DIVFormNumber>
                        <ReusePlate>N</ReusePlate>
                        <ExternalBroker>memberid=12345</ExternalBroker>
                </Registration>
                <Delivery>
                        <RushDelivery>2</RushDelivery>
                        <DeliveryType>2</DeliveryType>
                        <FdaFirstName>John</FdaFirstName>
                        <FdaLastName>Smith</FdaLastName>
                        <FdaStreet>Katwilgweg</FdaStreet>
                        <FdaHouseNumber>2</FdaHouseNumber>
                        <FdaBus/>
                        <FdaPostalcode>2050</FdaPostalcode>
                        <FdaCity>Antwerpen</FdaCity>
                        <FdaEmail/>
                        <FdaTel/>
                </Delivery>
                <Insurance>
                        <NBBCode>00039</NBBCode>
                        <InsuranceReferenceNr>343434</InsuranceReferenceNr>
                </Insurance>
                <Options>
                        <FrontPlate>Y</FrontPlate>
                        <FrontPlateDelivery>2</FrontPlateDelivery>
                </Options>
        </Request>
</WebdivRegistration>
```

6. Customer support

For further inquiries, contact the inMotiv Servicedesk via servicedesk@inmotiv.be or 03/369.18.17.