

RoboVAT

The software bot that automatically validates and provides suggestions of VAT identification numbers using Cloud computing technology and keeps proof of your validation



For companies that

- Perform taxable transactions
- Deal with multiple customers, co-contractors or suppliers on a pan-European or global level
- Must demonstrate a high level of control
- Report EU sales & purchases for VAT to and from several European customers & suppliers
- Operate a shared service centre to fulfil VAT obligations on a central level
- Want to enhance their master data quality



What it does

- Automatically extracts VAT identification numbers from a file uploaded to a PwC secured environment
- Automatically verifies the VAT identification numbers format quality
- Validates multiple VAT registration numbers via a call-out to the VAT Information Exchange System (VIES) website as well as cross-checking invalid results with an external database
- Delivers a report listing valid, invalid format, invalid VAT ID numbers and suggested name, address, VAT ID number for further action
- Allows Master Data quality management on a recurring basis
- Archive legal proof of the validation in the form of a timestamp
- Other Master Data Management checks (i.e. supplier name/address, etc.) for non EU transactions based on external database

Benefits

- User friendly
- Measurable cost savings and time gains due to automation
- Secure and data privacy compliant
- Mandatory VAT ID number validation to apply the zero VAT rate
- Deal with VAT risks (no proof to apply VAT exemption on cross-border supplies, erroneous input VAT deduction)
- Master data quality control for not only the VAT numbers



Contact Us

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Why and when to check a VAT ID number?

Legal situation as of 1 January 2020 according to EU Commission:

Why?

Tax exemption shall be applied when:

- The goods arrive in another EU Member State, and
- The customer provides an EU VAT ID number to the supplier which is issued by an EU Member State other than that of origin

VAT ID number becomes substantive material legal requirement for tax exemption

When?

Incorrect (monthly) EC Sales List leads to withdrawal of VAT exemption

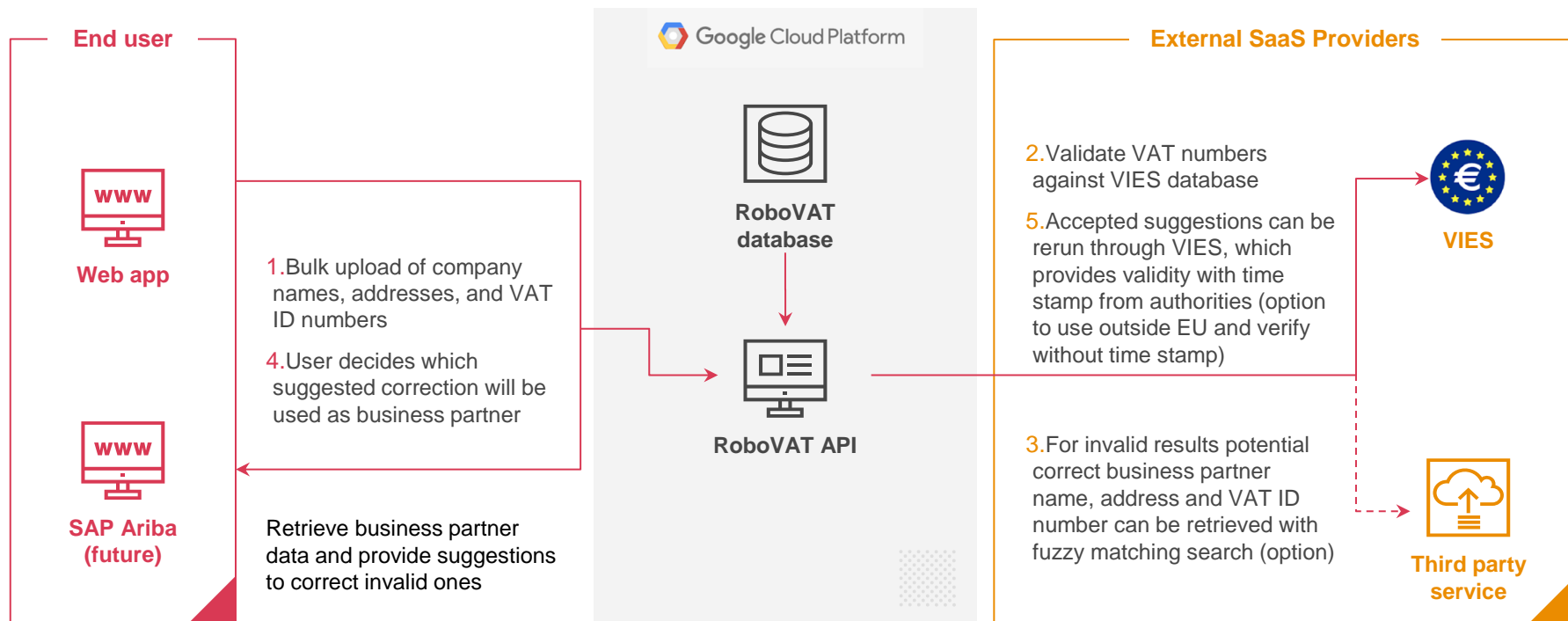
Exception:

- Supplier proves that he is acting in good faith and
- Justification of errors towards the respective tax authorities

Submission of a correct EC Sales List becomes material legal requirement for tax exemption

**A VAT ID number check to be performed monthly, more recurring checks of master data to be considered!
Master data clean up at the moment of the PO as ultimate goal in order to issue valid invoices!**

RoboVAT 2.0 - overview design



➤ Due to our scalable architecture RoboVAT 2.0 can validate up to 100k VAT numbers in a single run!

RoboVAT 2.0 – How does it work (1)

1 Upload

Download a fixed template from the RoboVAT platform and upload your data **from multiple sources/various systems**

The RoboVAT interface includes a navigation bar with 'Overview', 'Upload', and 'VAT Check Results'. The 'Company Test' section contains a '1. Download the template' instruction. Below this is a table with VAT data and a detailed error message for 'PwC's RoboVAT' regarding VAT ID format and punctuation. A summary of errors is shown at the bottom.

PROVINCE	VATNUMBER
662534	FR27384623454
298708	PL7010330079
838170	NL664535754501
630763	DE234836564
262200	BE2764873680

PwC's RoboVAT
Please provide us with:

- The customer ID or any unique identifier to reconcile the data.
- The customer VAT number. Please note that the VAT number must be composed of the ISO2 country code (GB, BE, FR,...), followed by the number of digits required in the country where the customer is registered for VAT purposes. Please also note that no punctuation marks (., /, -, ...) should be inserted. Some pre-checks will be performed on the data.

The VAT number format should be the same as when used in the VAT Information Exchange System which operates on the website of the European Commission's Taxation and Customs Union Directorate General (VIES).

OK: 123452 ATU12345678
Not OK: CompanyXYZ BE-0123456789
Not OK: CompanyXYZ 0123456789

2 Check format and run validation

- **Check** of customers or suppliers VAT identification numbers **format** prior to the actual validation (e.g. removing spaces, punctuations...) based on the fixed formats from the VIES website
- Validation of the VAT identification numbers in bulk via a **direct call-out to the VIES website**
- **Including time stamp** indicating the moment of the validation to proof to tax authorities

The interface shows the '2. Upload your file' section with a 'Select file' button. Below, it displays the upload of 'Film.xlsx' and a warning that the file contains 2 warnings. The error details show an 'Invalid VAT ID number' for 'Row 3' and a summary that 1 row has been adjusted.

2. Upload your file
Once the file has been completed, please upload it here. Select file

Upload testing Film.xlsx

This file contains 2 warning(s)

Invalid VAT ID numbers:
Row 3: Invalid VAT ID number format BE951234578

1 rows have been adjusted to a correct VAT ID number format for validation



RoboVAT 1.0:
Solved biggest
problem for
mandatory VAT
ID number
validation

RoboVAT 2.0 – How does it work (2)

3 Suggested correction

- In case of an invalid VAT ID number or error in VIES, you have the **option** to run through an **external database** presenting **potential correct** business partner name, address and VAT ID number
- The suggestion is done via a second call out on the **customer or supplier name**;
- The suggested correction is reuploaded and users can decide to **rerun the validation** with the completed VAT ID numbers

The RoboVAT interface displays a 'VAT Remediation' section with a progress bar showing 60% Valid, 20% Valid (after fixing suggestions), and 20% Unvalid. Below this, a message states: 'Thanks to RoboVAT the quality of the provided master data has increased by 20%'. The 'Suggestions for invalid VAT ID numbers' section includes a table with columns for VAT suggestion, Client suggestion, Company name, Company information, VAT ID number, and Suggested VAT ID.

VAT suggestion	Client suggestion	Company name	Company information	VAT ID number	Suggested VAT ID
760708	Company A	0000		ATU12345678	ATU12345678
512226	Company B	0000		BE0406000000	BE0406000000
160462	Company C	0000		GB0406000000	GB0406000000
862324	Company D	0000		FR0708000000	FR0708000000
298708	Company E	0000		PL7012300079	PL7012300079
838710	Company F	0000		NL0400000000	NL0400000000
430763	Company G	0000		DE23456789	DE23456789
430763	Company H	0000		DE23456789	DE23456789
430763	Company I	0000		DE23456789	DE23456789
430763	Company J	0000		DE23456789	DE23456789
430763	Company K	0000		DE23456789	DE23456789

Buttons: Download, Send to client

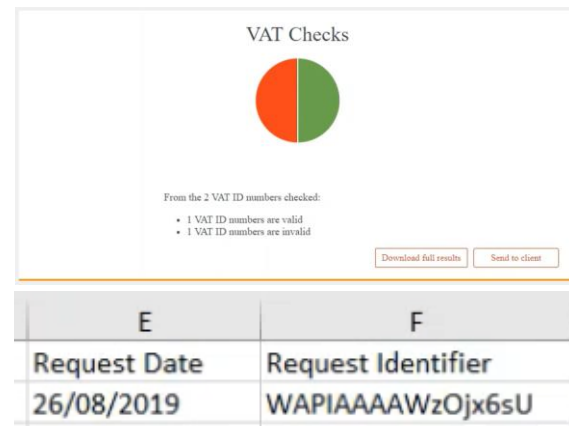


RoboVAT 2.0:

Suggestion for correct name, address and VAT ID number of invalid results based on company name

4 Results and report

- Creation of a **results overview** and output file (excel file) providing the full results of the check (valid, invalid, invalid format or errors);
- **Notification** of a responsible person via email on the status of the VAT identification numbers
- VAT identification numbers as well as the associated reports are **kept stored** on the PwC hosted environment




RoboVAT 2.0 – Output & archiving

RoboVAT 2.0: Results are archived on the platform in case of an audit

template test.xlsx	Thursday, October 1st 2020, 14:29	ready	Open report
template test.xlsx	Thursday, October 1st 2020, 10:35	ready	Open report
template demo.xlsx	Wednesday, July 22nd 2020, 14:44	ready	Open report
template demo.xlsx	Wednesday, July 22nd 2020, 11:51	ready	Open report
	Wednesday, July 22nd 2020, 11:42	ready	Open report
	Thursday, July 16th 2020, 16:36	ready	Open report
			Open report
			Open report

VAT Checks



From the 13 VAT ID numbers checked:

- 10 VAT ID numbers are valid
- 2 VAT ID numbers are invalid
- 1 VAT ID numbers have invalid format
- 0 VAT ID numbers have errors

[Download full results](#)

	A	B	C	D	E	F
1	Test	BE0458263335				
2						
3	Company ID	VAT Number	Company Name	Company Address	Request Date	Request Identifier
4	1	ATU72371523	IHR Magnesita GmbH	Kranichberggasse 6 AT-1120 Wien	01/10/2020	WAPIAAAAXTkJBIPG
5	3	DE293847844			01/10/2020	WAPIAAAAXTkJBHPq
6	4	EL094105934	INTERNAZIONAL EΛΛΑΣ ΑΝΩΝΥΜΗ ΕΜΠΟΡΙΚΗ ΒΙΟΜΗ	ΑΤΤΙΚΗ ΟΔΟΣ ΚΤΙΡΙΟ ΑΡ 7 ΣΤΟ ΣΕΑ ΜΕΙΣΤΕΙΝ 0	01/10/2020	WAPIAAAAXTkJBVae
7	5	ESA01011253			01/10/2020	WAPIAAAAXTkJBMSb
8	6	FR29508685013	SAS BOSHOKU SOMAIN	LA RENAISSANCE 59490 SOMAIN	01/10/2020	WAPIAAAAXTkJBfUJ
9	7	GB314149679	PH LIMITED	VICKY CARTER - WINDLE 1 2 V 2 CAIN ROADAMEN COF	01/10/2020	WAPIAAAAXTkJA4De
10	8	LU16932749	YMERIS MINERALS INTERNATIONAL SALES	2, PLACE DE PARIS L-2314 LUXEMBOURG	01/10/2020	WAPIAAAAXTkJA5Yr
11	10	SI46184554	ZEUS, D.O.O.	ŠLANDROVA ULICA 4, 1231 LJUBLJANA - ČRNUČE	01/10/2020	WAPIAAAAXTkJA8bN
12	11	SK2020172990	Baekert Hlohovec, a.s.	Mierová 2317 92028 HlohovecSlovensko	01/10/2020	WAPIAAAAXTkJBewX
13	2	BE0827467903	BV BVBA CHRISTOPH ZENNER	Grote Parijsstraat 10 1980 Zemst	01/10/2020	WAPIAAAAXTkJBVsJ
14						

Valid Invalid Invalid Format Errors

Unique identifier as time stamp of the check in EU