

The DEC Tool

Inter-American Center of Tax Administrations

CIAT

January 2026

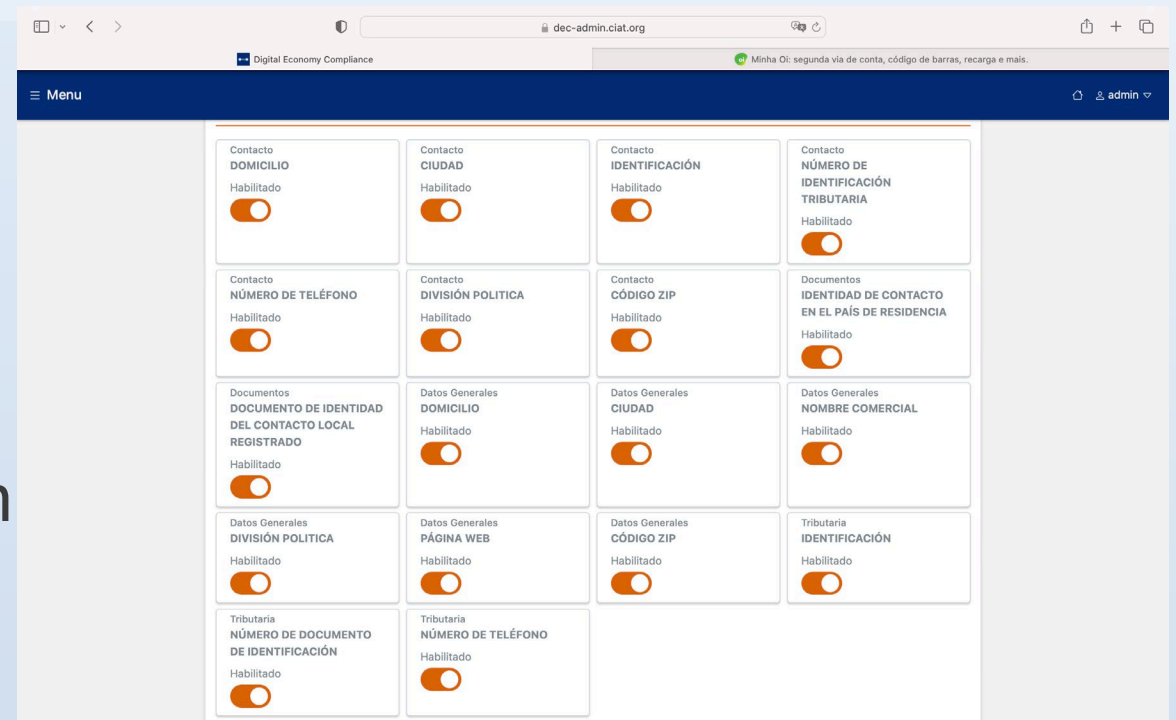


CIAT DEC Tool

- Objective
 - Software solution that could expedite the collection of VAT.
 - Facilitate adoption by tax administrations
 - Common interface for companies.
- Core functionality
 - Simplified registration, return filing, information filing, inbox to exchange documents and billing Control (new).
- Public good
- Characteristics
 - On-prem and Cloud based
 - Highly parameterizable
 - User friendly
 - Interfaces for both: tax administrations and taxpayers.
 - Interfaces thru the Web or via Web-services
 - Multilingual
 - Inter-operability with a core system and stand-alone options
 - Built with only source software.
 - Works with different DBMS systems.

Functionalities

- Taxpayer registry (parametrized)
- Inbox (Taxpayer)
- Tax returns filing
- Information filing
- Payment information gathering and conciliation
- Compliance control



Taxpayer portal – Returns Filing



- Multilingual
- Select tax and period
- Prefilled data
 - From the system
 - Web service
- Input data
 - Data Types
 - Validations
- Computed fields
- Confirmation



Implementation

It can be implemented in any of the following options:

 Microsoft Azure

 AWS

 Google Cloud

 On-premises (Servidores Windows o Linux)

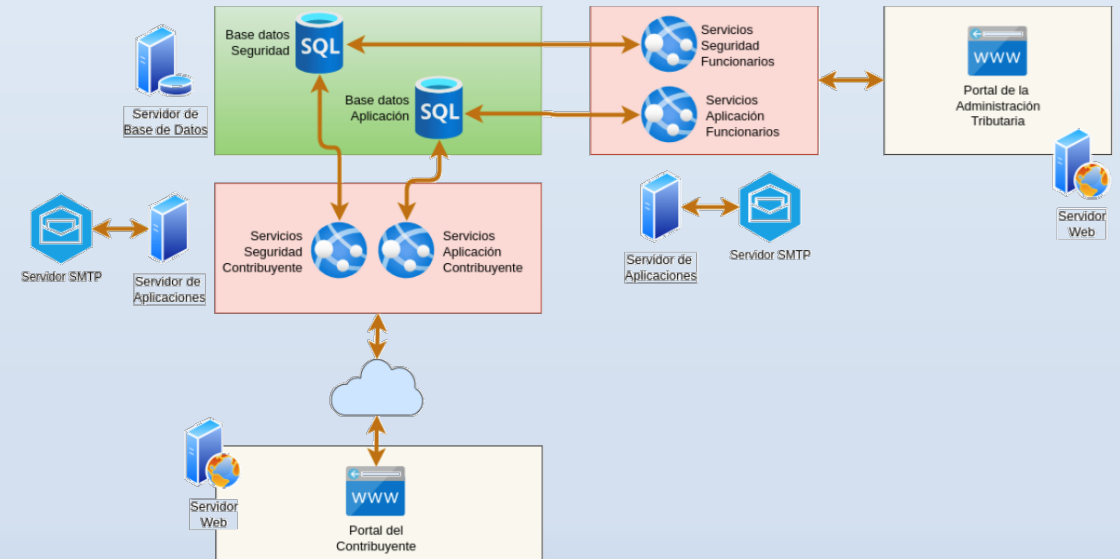
Regarding the system database repositories, you can use:

 SQL Server

 Oracle

 MySQL

 PostgreSQL



A multi-jurisdiction version

- Single implementation to support more than one jurisdiction
- A single tax return with separate schedules, one for each jurisdiction.
- A single transfer to a centralized account
- Support to handle the distribution of revenue among the jurisdictions, and implications of insufficient or late payments.
- SaaS model implementation to support jurisdictions with limited capabilities

The questions you might have

- Can it be used if I am not a CIAT member country
 - Yes, just ask for
- And how much it costs?
 - The software is free, and it is built upon open-source tools
 - But it needs to run somewhere, so you will need machines (virtual, real or in the cloud) and that will have costs,
 - Plus, the database...
- Will we be able to setup the system by ourselves?
 - It will depend on your abilities, and the degree of customization
 - Yes, you will get the code, but remember once you create a branch ...
- Can CIAT help us
 - You will have documentation and FAQs available; an implementation project would require the country to fund it.
- What should we do in case of interest?
 - Contact us

Handbook and videos

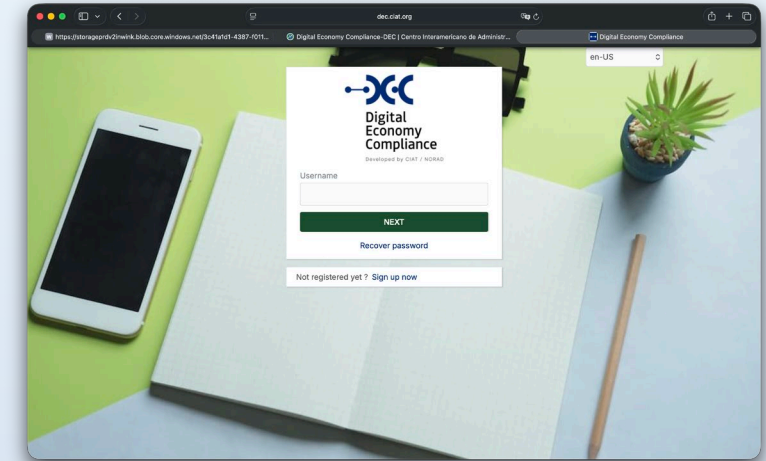
[Handbook](#)



[Homepage](#)



[Test environment](#)



Videos

[Registration](#)



[Tax return filing](#)



[Tax official interface](#)



A result of cooperation

- Financial resources
 - NORAD
 - GIZ
- Revision and contribution
 - OECD
 - ATO
- 8 Tax administrations where the tool has been implemented

Thank you

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<https://www.ciat.org/>



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