

V-SDC

Virtual Sales Data Controller is a web service operated by the Tax Service that enables authorized taxpayers to use SDC functionality via the Internet.

This software solution is designed to apply the approved encryption algorithm to sign and safeguard details of a receipt and justify tax liability for the remote issuer.

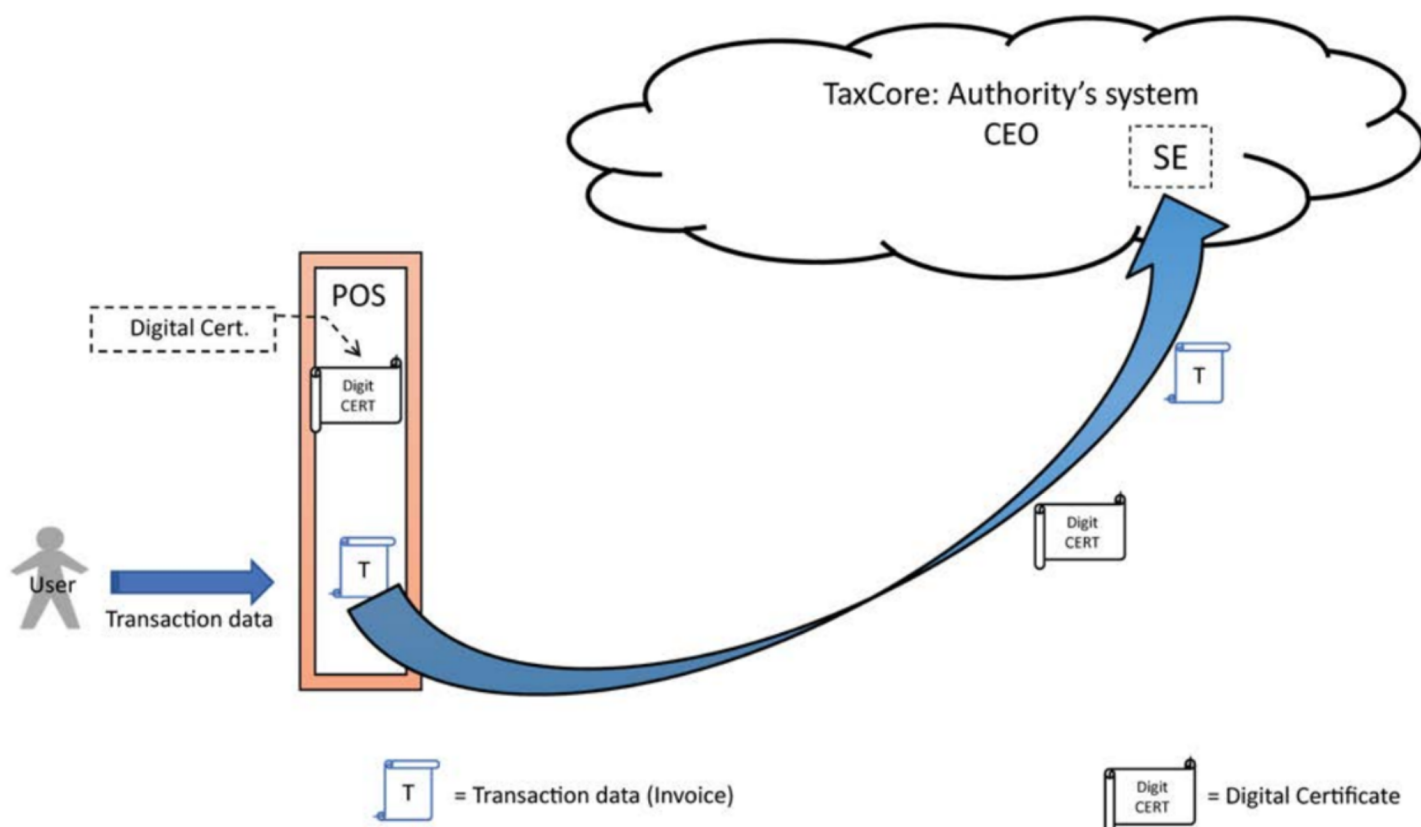
It contains and uses a Secure Element to sign invoices and enables [Connected scenarios](#).

V-SDC communicates with a Secure Element which is not issued to taxpayers (one secure element which signs invoices for all taxpayers who use this V-SDC).

Invoice request via V-SDC

The request is an automatic process. Immediately after the POS has assembled the transaction data - which can come from a range of sources including a standard POS, a mobile POS app, a cashier using a computer, or an online shopping forum - the accredited POS makes a direct internet-based request for fiscalization using an associated V-SDC controlled by the tax authority.

The required data elements in the invoice request are predetermined through the official regulations (the cahier/taxpayer can't choose what kind of information to include or to leave out). The POS identifies itself to the secure element via a unique digital certificate. The secure element verifies and identifies the caller - that is, the taxpayer using the POS. The V-SDC has an accompanying digital certificate that verifies its identity to the POS.

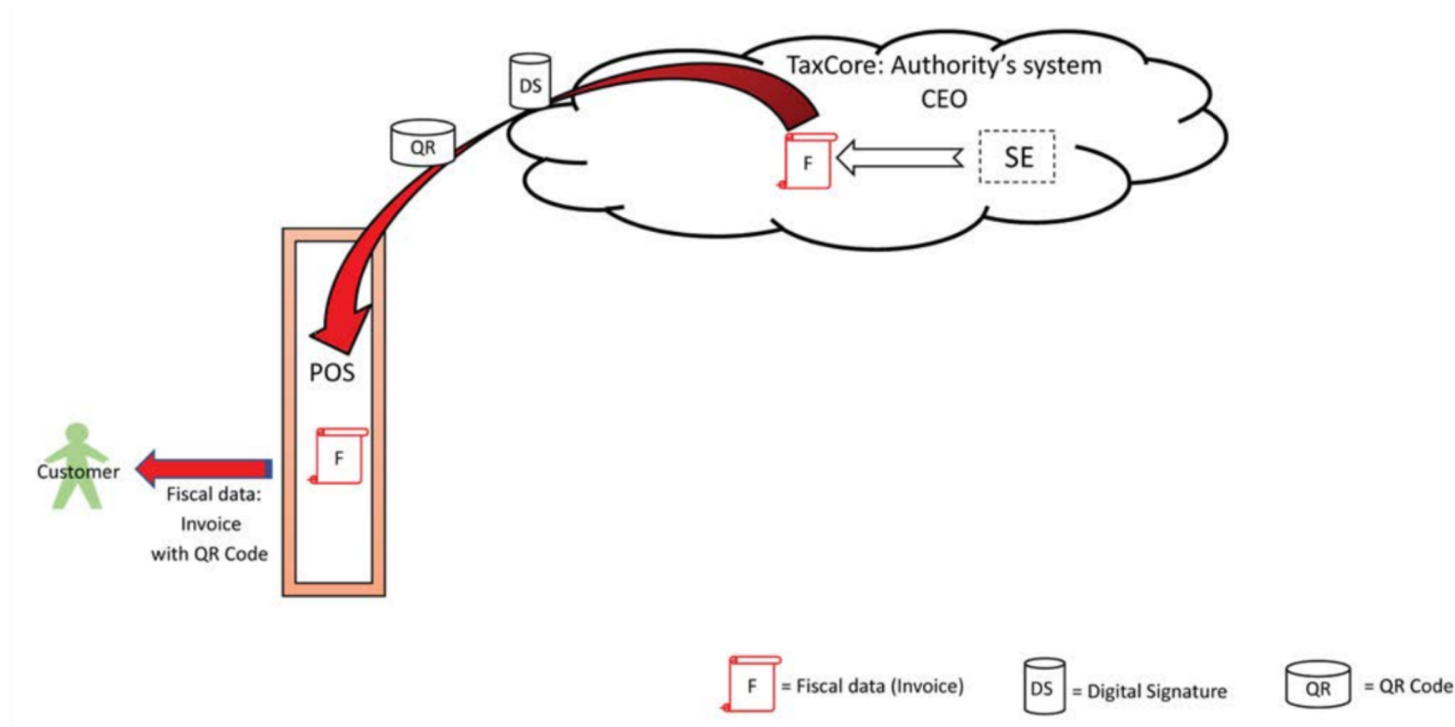


V-SDC - Image of invoice request via V-SDC

Invoice response via V-SDC

The V-SDC confirms the validity of the request and makes sure that the transactional data in the invoice request match the requirements of the official regulations. It also provides a digital signature and the verification URL through which the POS can generate a QR Code. The result of this process is a fiscal invoice.

The customer can scan the QR Code to confirm that the authority has recorded the invoice data (see [Invoice Verification Service](#)).



V-SDC - Image of invoice response via V-SDC