

Protocols

Introduction

Each POS or Invoicing System must communication with either V-SDC or E-SDC to fiscalize invoice.

Communication protocol is standardized and public. API Documentation is available [as part of this documentation](#).

Each E-SDC is required to implement and expose documented (SDC Section) API to all POS and Invoicing systems. Correctness of API implementation is, among other criteria, one of the requirements for accreditation.

Each POS must connect to SDC to issue fiscal invoice. Depending on business and technical requirements POS can connect using one of the following approaches

1.
POS connect to [Taxcore.Api](#) to get environment configuration and tax rates [Optional]
2.
POS connects to [Development E-SDC](#). This is used for development, testing and accreditation purposes only. Development E-SDCs are provided as web service to all POS vendors to enable development without the need to possess real E-SDC applications or devices.
3.
POS connects to V-SDC. Digital certificate delivered in **PKCS12** format and [PAC](#) are used to authenticate to V-SDC.Api
4.
POS Connects to V-SDC. Digital certificate delivered on **smart card** and [PIN](#) Are used to authenticate to V-SDC.Api
5.
POS Connects to E-SDC. Communication between POS and E-SDC is secured on network level. Fiscalization of invoice is performed by E-SDC and Secure Element inserted into E-SDC