

Amadeus XMLPOS Interface

System and installation requirements

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General

For the Amadeus XMLPOS interface, specific system requirements apply in order to make the interface work properly.

The Amadeus XMLPOS interface is a SOAP Web Service. The Point of Sale system communicates with the Web Service through an URL.

Example:

<http://address/xmlposservice.svc:portnumber> or <https://address/xmlposservice.svc> when using HTTPS.

Installation

The computer or server that will be running the Amadeus XMLPOS interface must have a full IIS installation installed prior to the installation of the Amadeus XMLPOS interface. It also requires network access to the PMS database server and .NET 4.6 installed.

At time of installation, the POS vendor must be available in order to test the integration and setup the correct revenue mapping table values together with the Amadeus Installer.

(Remote) Support of a network administrator is required in case of network issues preventing communications between the Amadeus XMLPOS interface and the Point of Sale system.

Installation and configuration of the XMLPOS web service is done by the Amadeus Installer.

Minimum System requirements

- 64 bits Operating System
- Windows 10, Windows 2012 or higher including latest update and security packs installed. (No Windows Small Business Editions or equivalent)
- Microsoft .Net 4.6 or higher
- Internet Information Services 8.0 or higher
- TLS v1.2 enabled in case the Amadeus XMLPOS interface is communicating via HTTPS
- In case the POS system is hosted outside the hotel network and a connection over the public internet is used to connect with the XMLPOS web service, the hotel or Hotel IT department is responsible for publishing the XMLPOS web service via an external url.
- A SSL certificate in case the POS is outside the hotel network and connects to the XMLPOS interface via the Internet over an https url. Acquiring and installation of SSL certificate are the responsibility of the hotel or Hotel IT department.

- In case the POS system is hosted outside the hotel it is security best practice to put the computer running the Amadeus XMLPOS web service in a DMZ in order to isolate it from the local hotel network.

Installation types

Depending on how the POS system connecting to the XMLPOS web service, different network requirements apply.

1. The POS System and XMLPOS web service are on the same network

When the POS system and Amadeus XMLPOS web service reside both inside the hotel network it is important that the network environment is transparent and firewalls and / or routers are configured in such a way to allow network traffic from the Point of Sale system to the Amadeus XMLPOS web service and vice versa.

In addition, virus scanners and other security software that may block traffic must be configured in such way to allow network traffic from the Point of Sale system to the Amadeus XMLPOS web service and vice versa.

2. The POS System and XMLPOS web service are not on the same network

When the POS system and Amadeus XMLPOS web service not on the same network, for example when the POS system is hosted outside the local hotel network, communications must allow network traffic through the firewall into the hotel network and to the Amadeus XMLPOS web service.

SSL certificates are recommended for securing communications between Amadeus XMLPOS interface and the POS system when communicating via the internet. In addition, port forwarding must be in place in order to route the incoming messages to the Amadeus XMLPOS web service.

By signing this document, I declare to comply with the above Amadeus XMLPOS interface system requirements.

For approval,

(Name, Title & Signature)