POSM GIS / GIS Server Installation Guide

3 Steps

Created by POSM

Software

Last Updated

December 6, 2022

Creation Date

November 21, 2022

1. Introduction

POSM Server is a 2-way GIS connection between POSM Software GIS License and a Map.
It is having 4 main components:

      1. Inspections truck: Gathers all data from the field

      2. POSM Server location: Two subcomponents
            a. SQL Server: Gathers all relational information
            b. File server: Stores all media in the same folder that POSM executable is located.
              POSM doesn't hold multiple video locations, it uses the video folder located in the
            same POSM.exe folder

      3. Web Server: Vehicle to share, connect and visualize all POSM Information, reports and media

      4. GIS Software: POSM connects to a Map to visualize tailored information on the map (NASSCO
         Scores, pipes inspected, Pipes with certain faults, etc.)
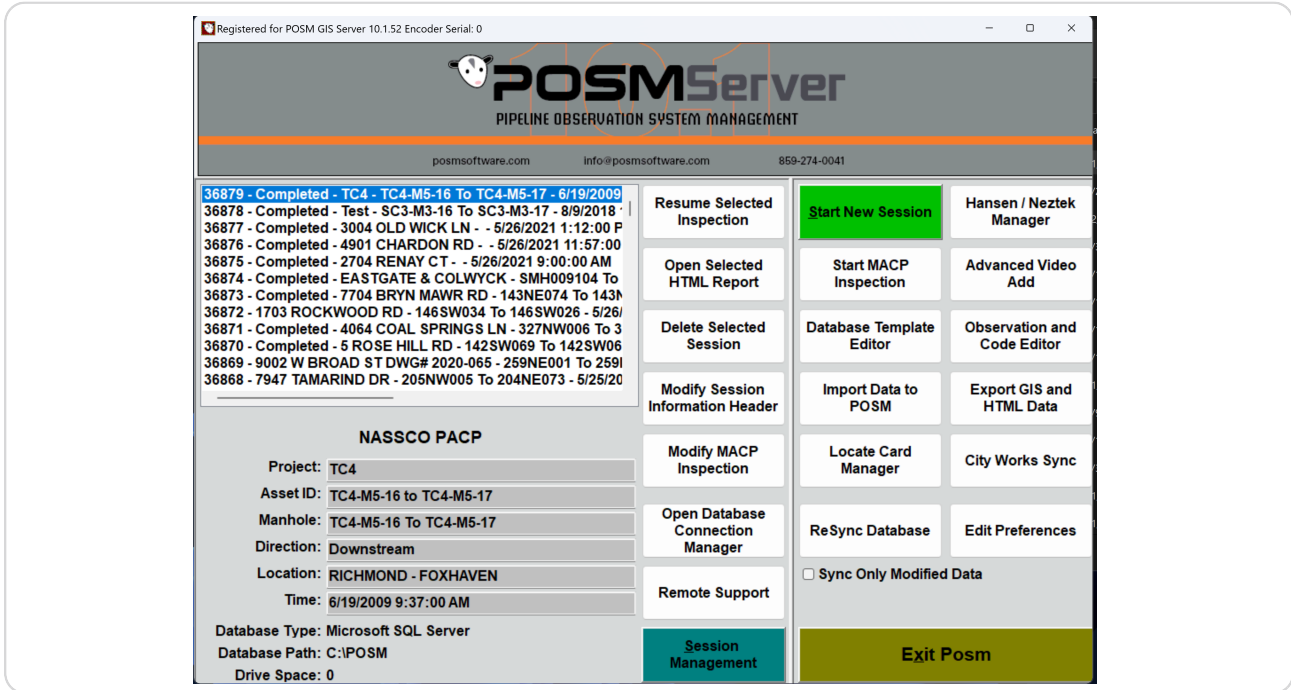
2. Requirements

POSM Server license requires a SQL Server Installation (can be SQL Express Edition) and a file server
that can contain the actual data size and the forecasted requirements for the next years to come.

3. Installation steps

1. POSM Install: (Please refer to the local installation document)

2. POSM GIS Server Key: POSM needs to be keyed as POSM GIS license
   to be able to connect to a SQL Server, generate all the HTML Reports automatically and
   update the GIS Information on the map. The POSM Server license looks like this:
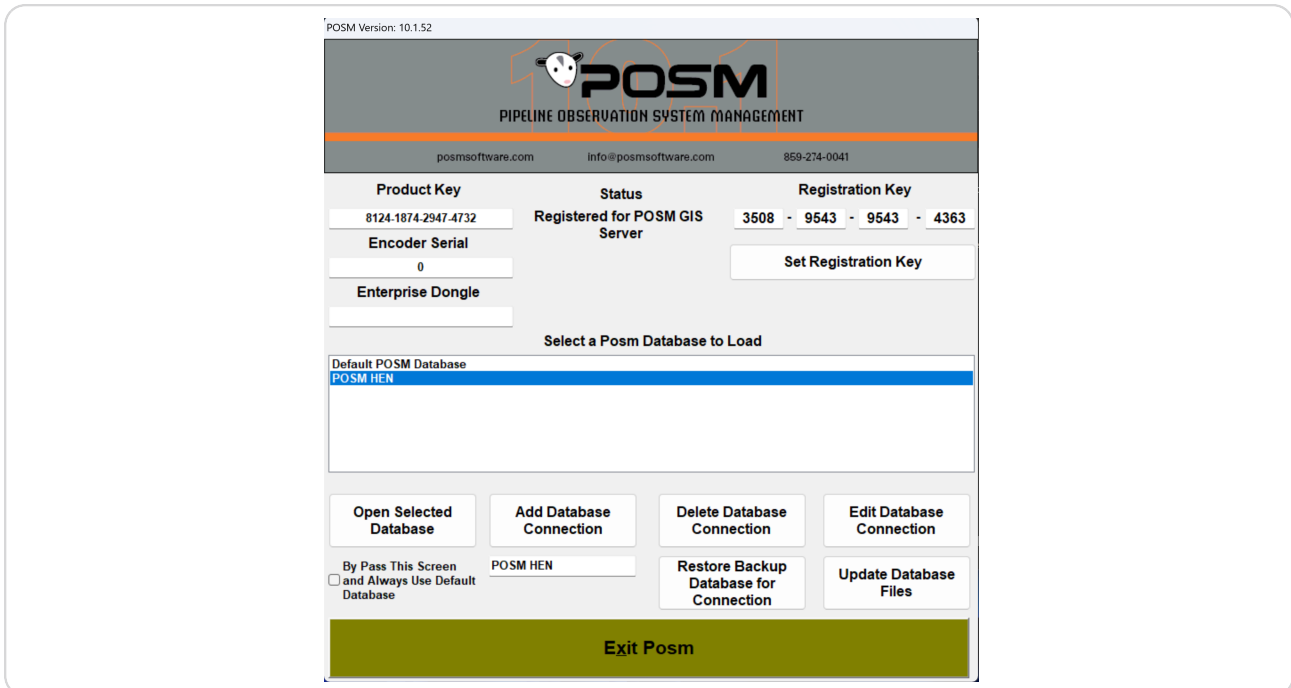
STEP 1

Open your POSM and click Open Database Connection Manager

STEP 2

POSM SQL Connection Set up To connect to SQL Server you would need to go to "Open Database Connection Manager" and select add a new connection:

Select Connection type "SQL Server" in case the Database is not encrypted, if it is you can select "SQL Server DB18":

POSM uses port 1433 for SQL Server so it's necessary to check the open ports for this Server and Instance and make sure they are in port 1433.

When the credentials are Windows Authenticated you can leave blank the username and password and it will connect using them.

After all, is good you can press the 5Save and close button5 and POSM Is ready to be used.