

Part 1: Overview

Object: Checklist for Windows Server installation.

In order to run the VibWorks platform, including database synchronization, the following prerequisites has to be validated by your IT, which has to confirm the compatibility of your network architecture with the application.

First, please consider the listed highlights below:

- The collectors (PADS) are PCs running on Win 10 Pro and come with a SQL Express 2019 installed.
- Each collector contains SQL databases, as well as physical files on the HDD.
- Synchronizing databases involves synchronizing both the SQL db's (Local db on the Tablet and Server DB on the Server) AS WELL AS the measurement files, between the server (shared folder) and the client (files in a specific location in the HD)

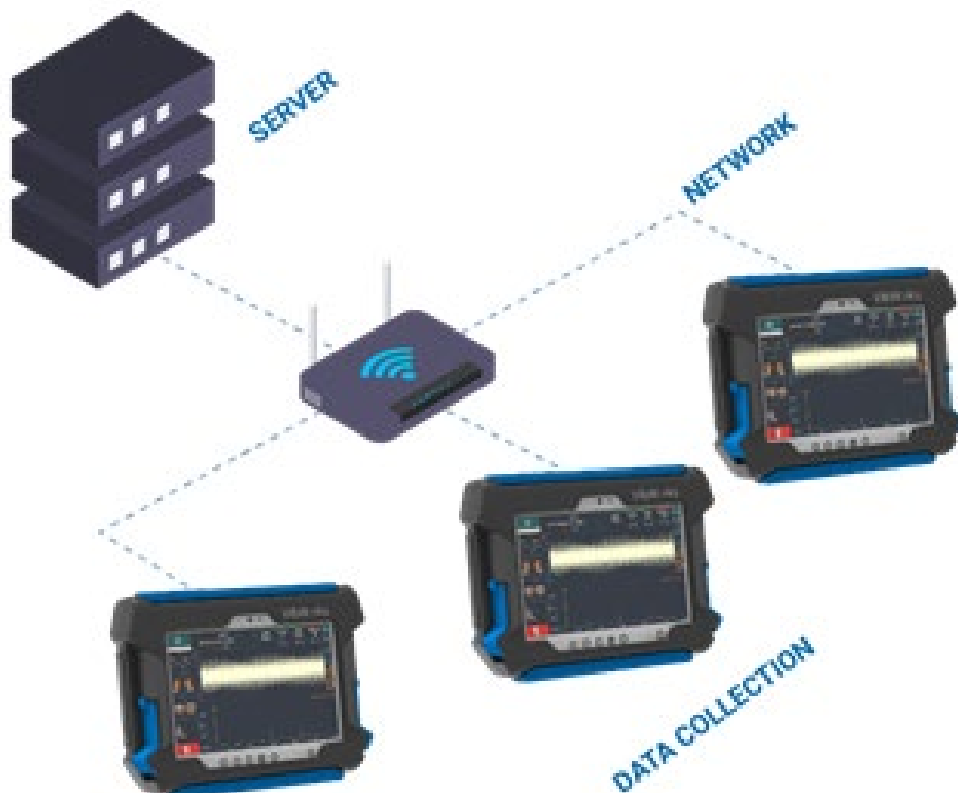


Figure: Synchronization Architecture

PART 2: Prerequisites

Below you will find the list of prerequisites to be validated: Some are technical points, others are of a procedural nature, which will allow a quick and trouble-free implementation.

ITEM	CONFIRMATION
Have the machines (Tablets and Server) on the same network	
Have SQL Server 2019 installed on the server.	
Have a SQL instance dedicated to vibration.	
Have the necessary rights on the tablets to access and modify the databases on the server (Read/Write/Execute is a minimum, dB-Owner is recommended).	
Have a shared folder on the server with a comfortable space. 500Gb is a minimum, and 1TB is Recommended.	
Have write and read rights on the shared directory from tablets using tablet Windows user accounts	
During commissioning a SYSADMIN right on the instance dedicated to vibration on the server is required to add users and assign rights (You can do it, or grant us a supervised access to do it).	
During commissioning, all user <u>temporary passwords</u> -for Windows login to access BETAVIB tablets -must be communicated to BETAVIB. Of course, you can change them as soon as the commissioning is finished.	
When setting up the sync Process, BETAVIB will take care of preparing all the databases, on the other hand for the new databases to be created -if you need to create a new DB- - when you have a new vibration client - you will need to create a Server version and a tablet version of the SQL databases. The Server version to attach to the server, the tablet version to attach to all tablets. (A detailed procedure will be communicated to you).	
The whole procedure should not exceed 1 working day if we have a good collaboration with IT, to be safe, our quotes include 2 free days with a BETAVIB engineer for the installation. BETAVIB will start charging the setup time fees from the 3rd day .	
We STRONGLY suggest that you use a Wired and non-Wi-Fi network for synchronization operations. Performance, access and synchronization times depend entirely on your network architecture.	