1. Install Sensor drivers
   1. Install ndiswrapper  
      sudo dnf install ndiswrapper
   2. in Linux, install wine:  
      sudo dnf install wine
   3. run the fusionapi exe through wine:  
      wine fusionapi.exe – install may fail, and that’s ok. We want the drivers
   4. in terminal navigate to this directory:  
      cd ~/.wine/drive\_c/’Program Files (x86)’/’Fusion Driver and API Update’/’Vista x64 Drivers’
   5. install the drivers as root;  
      sudo ndiswrapper -i FusionDexis.inf && sudo ndiswrapper -i FusionGX.inf && sudo ndiswrapper -i FusionKVO.inf
   6. Plug in sensor and run: ndiswrapper -l  
      result say the driver is installed and device present
2. connect and mount a shared database
   1. mkdir /media/share
   2. sudo gedit /etc/fstab
      1. Add this line to the end:  
         //<server-name>/<share-name> /mnt/share cifs domain=<domain-name>,username=<domain-user>,password=<user-password>,uid=1000,gid=1000 0 0
   3. # # Domain info is not required for workgroups
   4. reboot
   5. You should now see the share in the file browser and you should be able to access the files.
3. Install and set up virtualbox with Windows 10:
   1. sudo dnf install VirtualBox
   2. Create new Virtual Machine using a windows 10 iso ##elaborate
   3. Install the virtualbox guest additions, as well as the extension pack
   4. Add current user to the virtualbox user group
      1. sudo usermod -a -G vboxusers <username>
      2. reboot
   5. Map share to Virtualbox
      1. In Virtualbox, go to settings>>shared folders>>plus sign on right to add a folder.
      2. Folder path>>other...
      3. “Other locations” on the left | share should be in this view. Select it and click open in the top right.
      4. Select automount checkbox, and for the mount point put “[Z:\](file:///C:\Z:\)” or whatever letter you desire
      5. Once loaded in the VM, there should be a Z drive in This PC. If not, the UNC path to the “server” is [\\vboxsvr\](smb://vboxsvr/)
   6. Install DEXIS using the share to access the data
   7. Enable USB passthrough
      1. In virtualbox settings>>USB
      2. Enable USB 2.0
      3. Click the add USB filter icon with the green ‘+’ and select “Fairchild DEXIS”
4. In VirtualBox, the sensor should appear as it would on any Windows 10 PC.