



Remote Bioimpedance Measurements

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Motivation



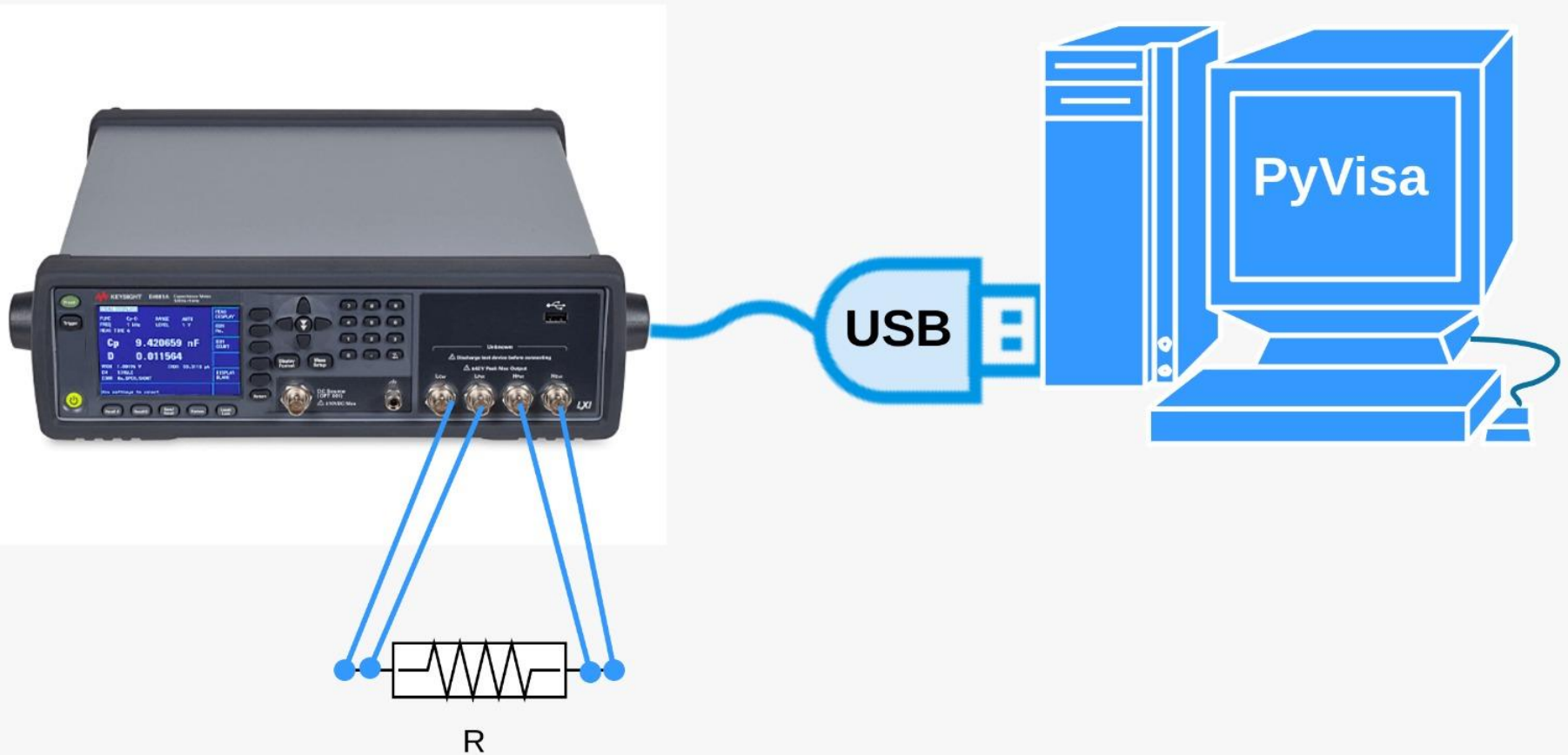
Motivation



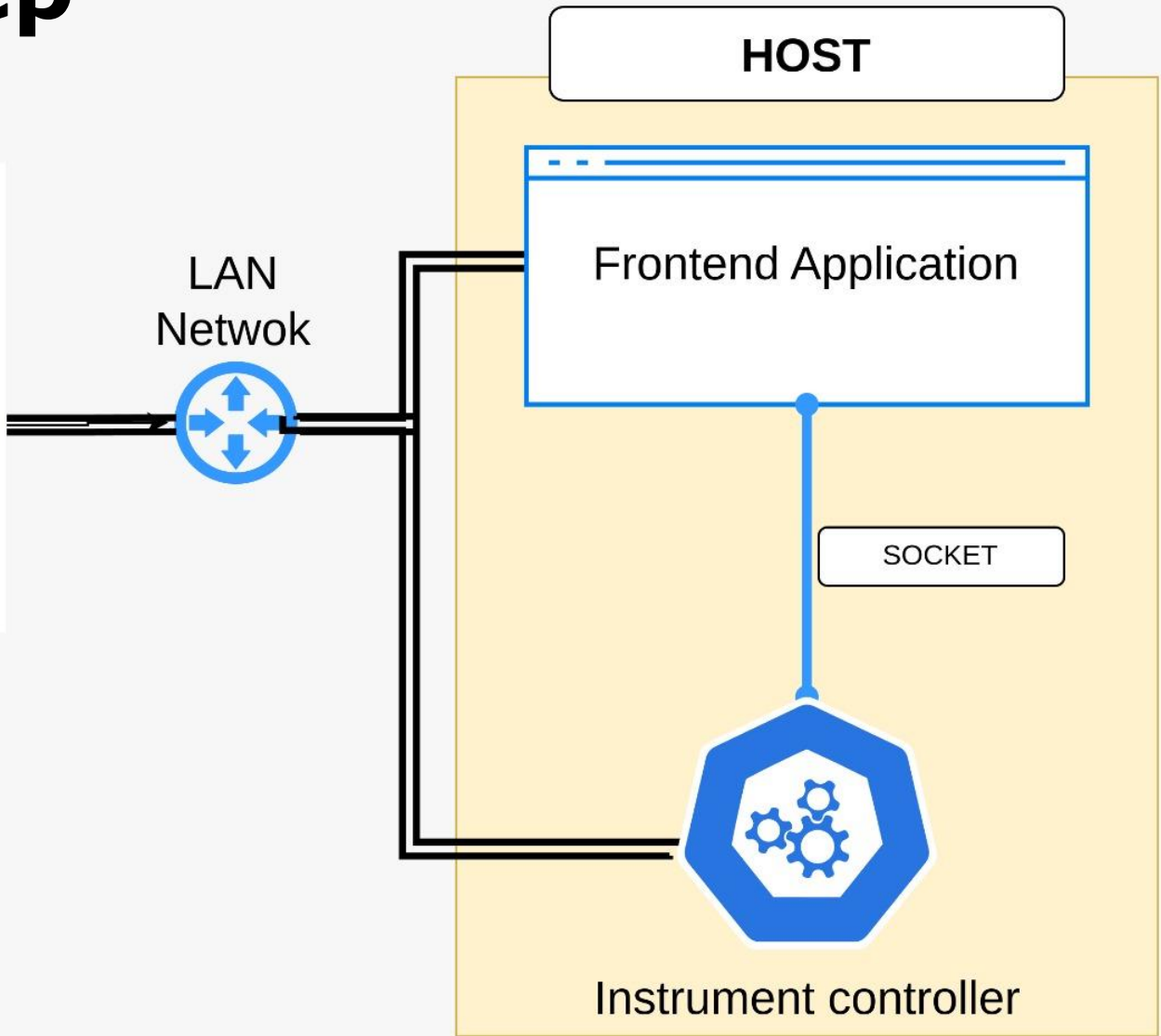
Objective

To present the progress of our work on the remotisation of the LCRmeter Keysight E4980AL to encourage international collaboration between laboratories.

First step



Socket step



API step

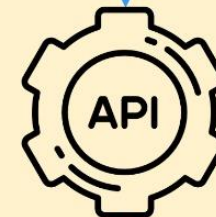


LAN Network



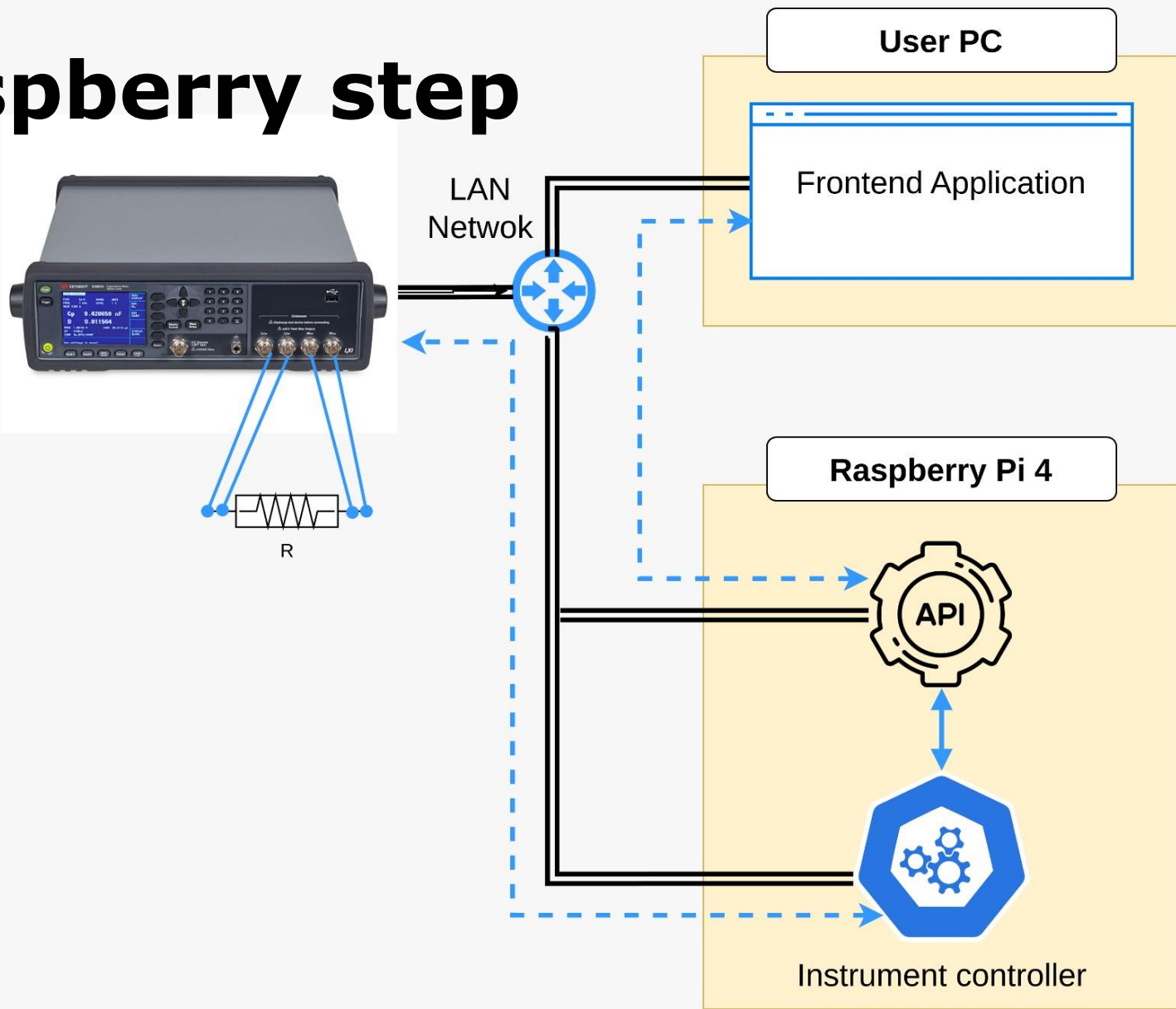
HOST

Frontend Application



Instrument controller

Raspberry step



App

Equipo conectado

equipo1

DESCONECTARSE DEL EQUIPO

Visor de resultados

MONOFRECUENCIA

ESPECTROCOPIA

Resistencia

(Parte real)

0.0

Reactancia

(Parte imaginaria)

0.0

Forma polar

Configuración

PARÁMETROS ACTUALES

SETEAR PARÁMETROS

Función seleccionada:

ZTD

Frecuencia (Hz):

0

Voltaje:

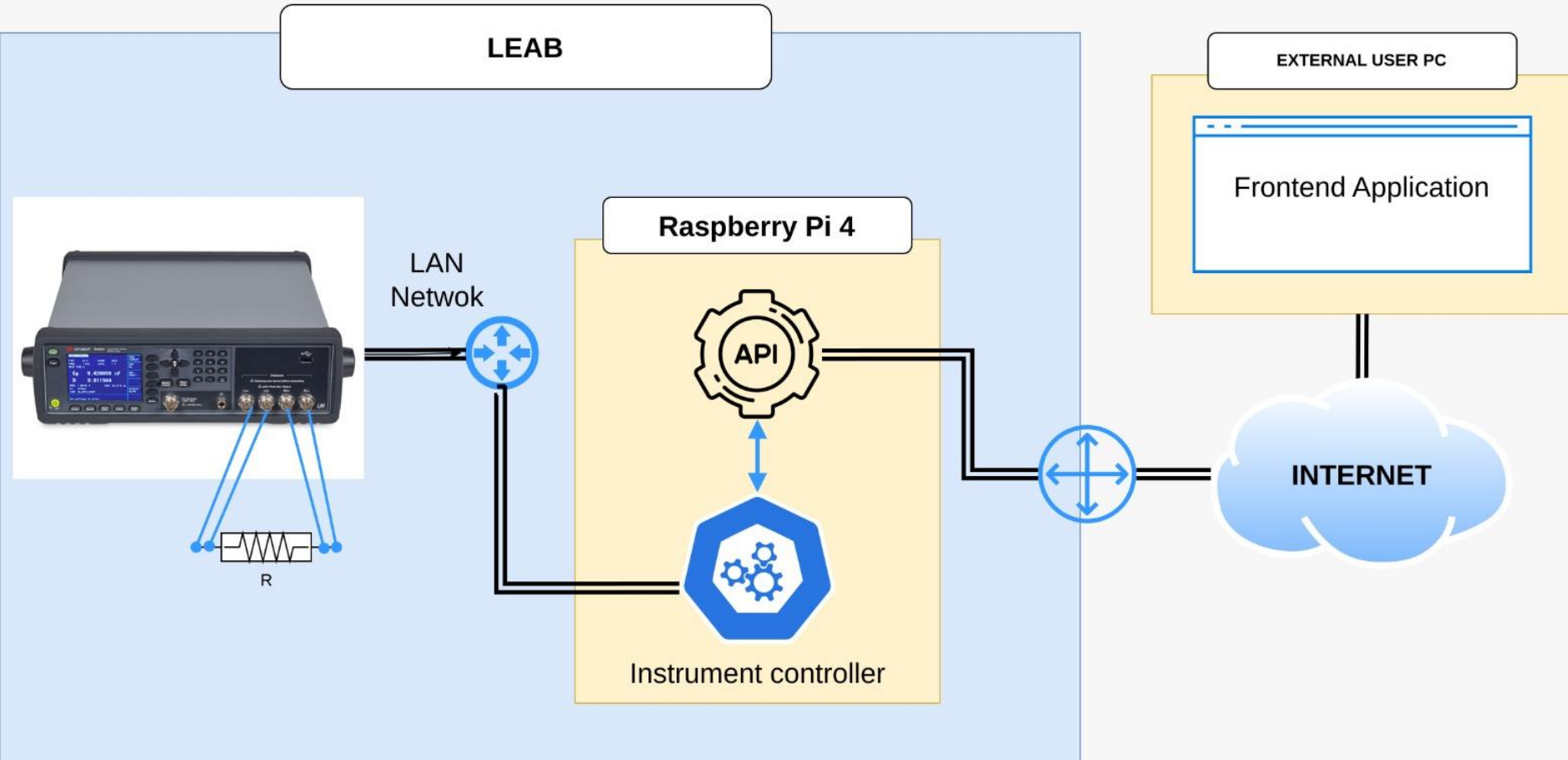
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Componente continua (V):

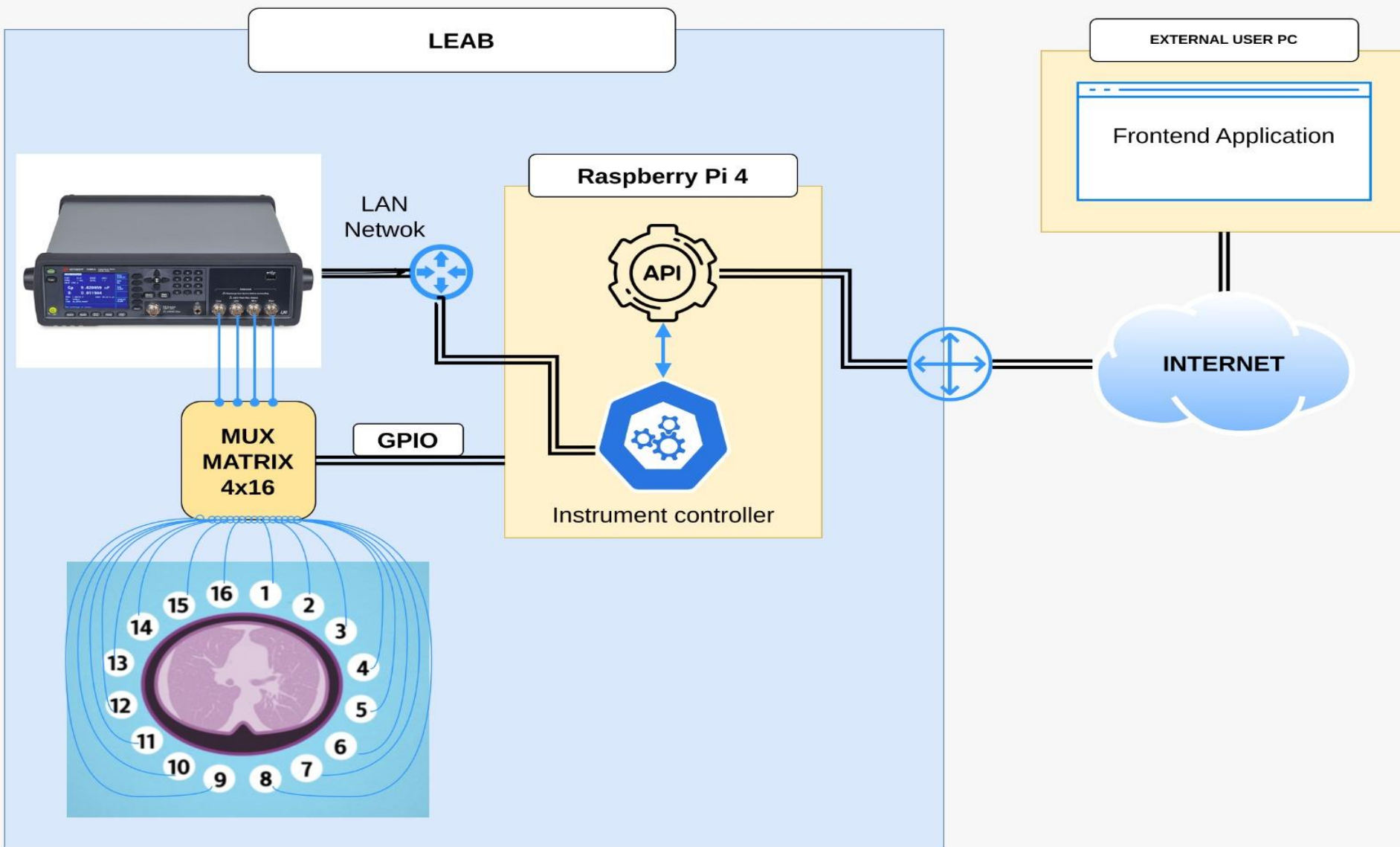
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REALIZAR MEDICIÓN

Future step



EIT future step



Interested in participating in this network

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**Thank you for your
attention**

