GNUHealth & RASPBERRY PI

Raspberry Pis are full-blown computers with a huge potential for the Public Health System when partnering with GNU Health. They can provide real-time monitoring of vital signs in hospital settings, retrieve information from laboratory instruments or be a great Personal Health tracker. They are also a great resource for research and academic institutions.

Public Health and Primary Care involve large deployments in different scenarios with multidisciplinary teams. GNU Health installed on Raspberry Pi in domiciliary units (houses) can track the infrastructure, sanitary conditions, and prevent vector-borne diseases like Malaria, Dengue or Chagas disease.

GNU Health is Free/Libre Software. It provides the functionality of Hospital Information System (HIS), Health Information System and Electronic Medical Record (EMR) management. Raspberry Pi makes the perfect companion to expand GNU Health capabilities on each of these areas.

Families can update their demographic information, housing infrastructure and report issues about family functionality to the social services. The GNU Health Raspberry Pi nodes serve as Personal Health Record for the family members and provide a means to interact with their health professionals from their own home.

The Raspberry Pi with GNU Health work as a unit, making the perfect duet. They generate real-time transactions within health institution settings, and provide quality and timely demographic and epidemiological information to improve health promotion and disease prevention programs.

The Raspberry Pi are independent, autonomous, affordable computers. They have the characteristics to fit the Public Health system. They will enable large scale deployments, and become nodes in the GNU Health Federation.