Smart e-Health Monitoring on IPTV (SEMI)

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Features of SEMI

- SEMI is an intelligent e-health monitoring tool that aims to help users to independently perform regular health monitoring by themselves using IPTV.

- It incorporates health monitoring features such as:
  - The ability to display in graphical format, health information uploaded to a server by various connected e-Health devices.
  - Allowing users to keep track of their health profile.
  - Sending their health information to a doctor directly from the IPTV screen.

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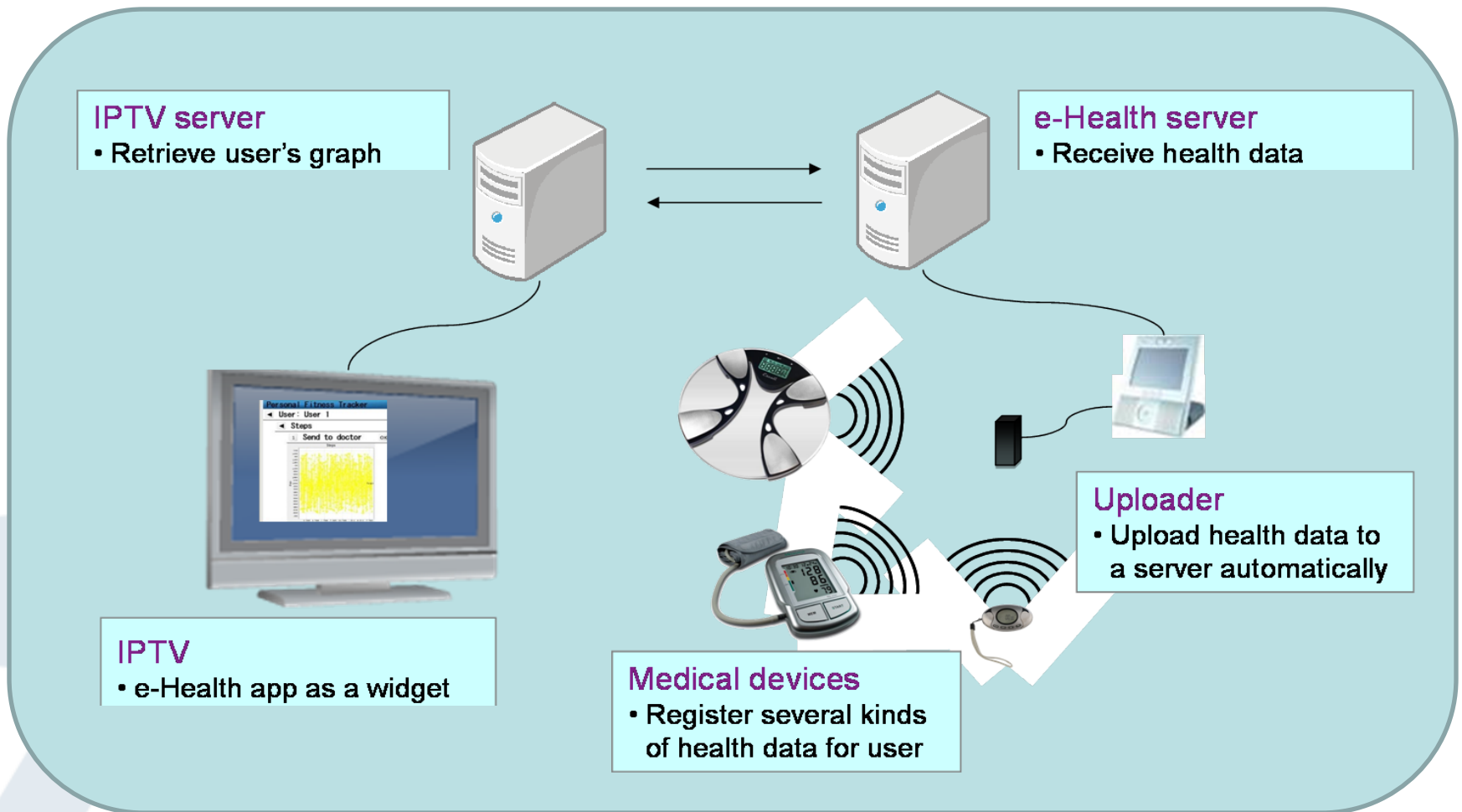
SEMI system setup showing relationship between IPTV set-top-box, e-Health server and various connected e-Health devices.

Advantages of SEMI

- Users are able to conveniently log their personal health data – such as weight, blood pressure & distance walked – onto a proprietary e-Health system.

- Users can then conveniently track their health data via an IPTV system.

- Users are also able to easily share out their health data with others, such as by forwarding their health charts to their personal physicians.

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List of users is displayed on TV. If new health information is available for a particular user, a "New" icon is shown next to the user's profile. User selects his own profile and presses enter to continue.
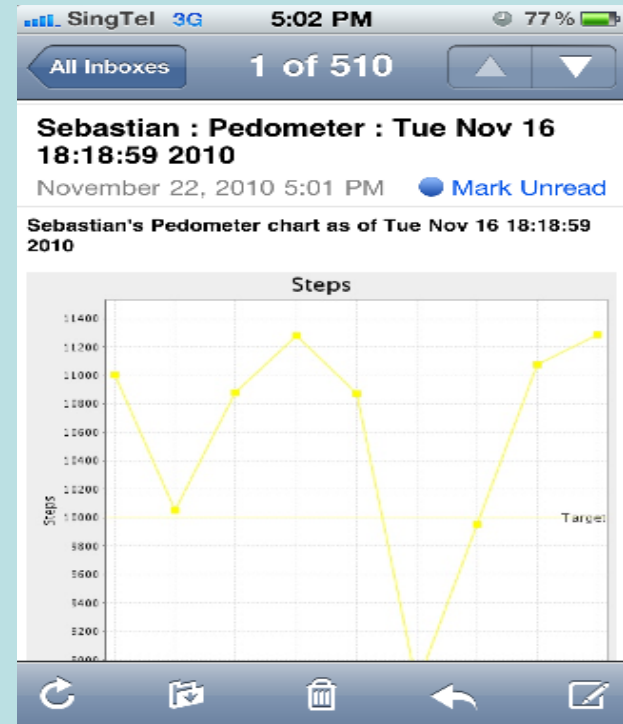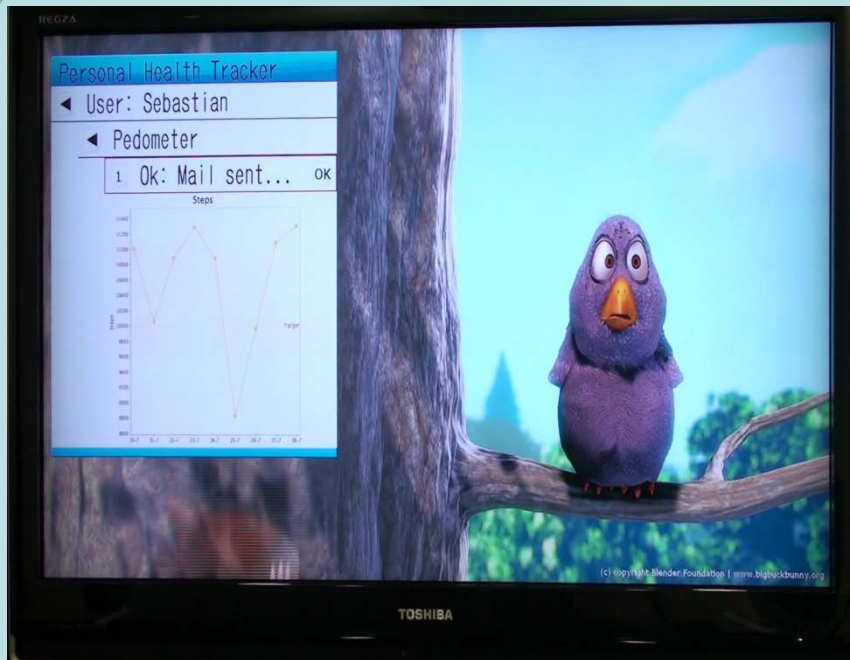
SEMI allows user to choose a device to view past health records or perform health checkup.

Health Records

Press Enter to share the health information with others, such as sending the health information to doctor.

Email has successfully sent to the doctor. Through this approach, some relevant care giver or relative will be able to monitor the patient's health status at any time. The transmitted data is formatted according to Continua Health Alliances specification.