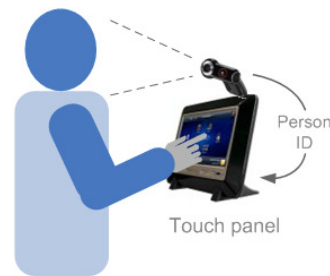


UI Adaption



By identifying a particular user the displayed user profile and permissions can be enabled. To enable such features, two key components are required on top of the existing solutions in the market:

- Intelligent sensors able to identify a person, appropriately interfaced with the rest of the system – can be mounted into touch panel frame, but can be a standalone sensor
- Scenarios (typically developed in LUA) triggered by the sensed inputs and utilizing the identity (user profile) to then provide the relevant personalized content

It is the combination of these elements into an integrated solution which give the enhanced feature capability. The solution is designed to be open, scalable and based on commercially available hardware so that it can seamlessly integrate to home automation solutions on the market.

The benefit towards the consumer includes:

- Extended functionality for the control panel
- Intuitive UI and personalized UI concept support
- Different access rights for different users (parents or children) can be specified
- Cost: Use of commercially available sensor devices enabled with algorithms to give an intelligent system

The use case considered is

- The user stands in front of the control panel, and the near-by intelligent camera system recognizes the user and enables the associated features. No additional action is required from the user.
- Upon detection of the identity, the system automatically recalls the stored user profile.
- Based on the user profile, the UI will be rendered in a way to show the information the user has rights to modify and see, by taking into account the most frequently used features by the given user.
- As the control panel is intended for everyday usage, the adaptation of the UI to user needs provide a more efficient way of controlling the home environment.
- It also provides a certain level of access control, e.g. the children cannot change important system parameters

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