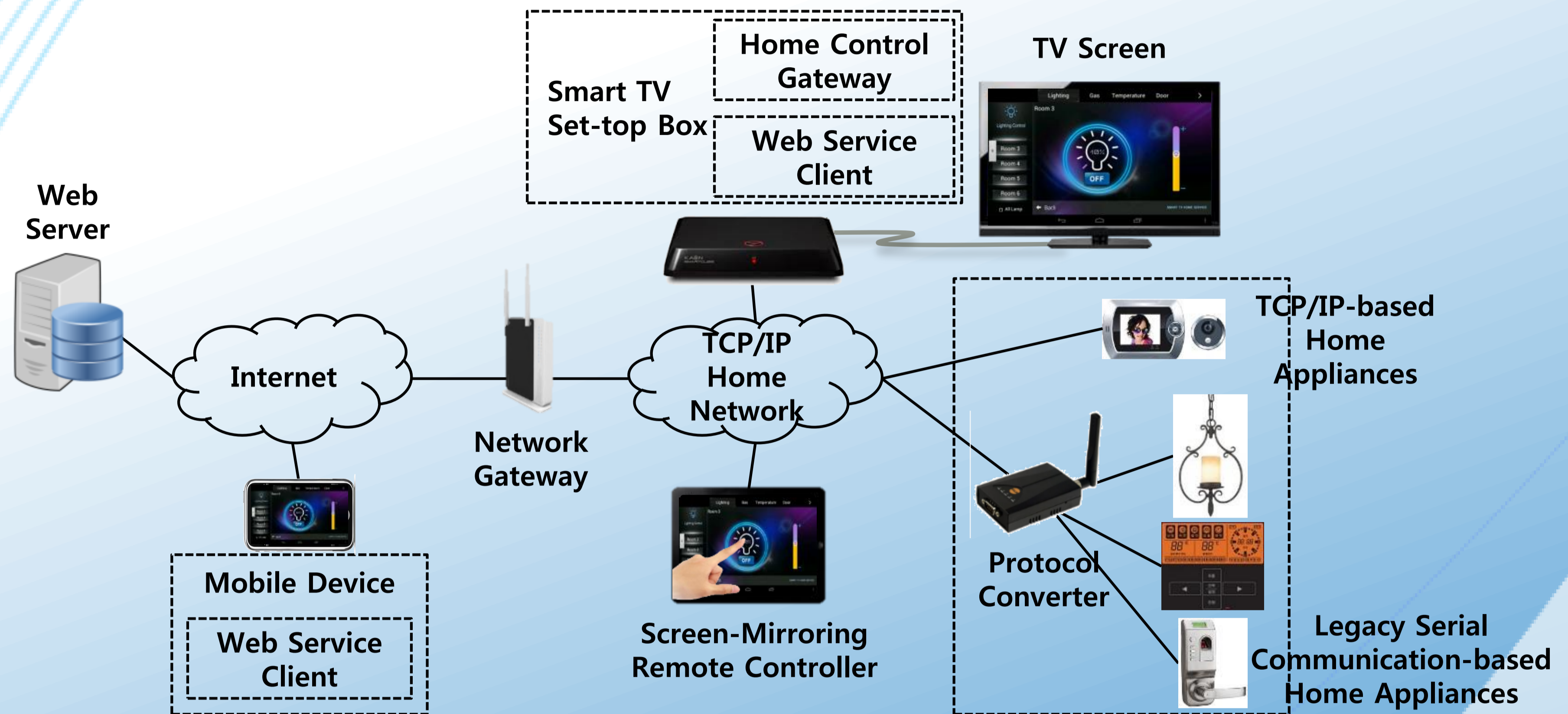# Home Appliance Control Based on Smart TV and Web Technologies

Technology Overview

- A home appliance control framework based on smart TV set-top and Web technologies, which enables the users to control and monitor their home appliances in any place under web-browsing environment

Core Technologies

- Home control gateway which performs a core role for the control and management and especially supports WebSocket protocol

- Web application server which provides the Web contents for the control UI and the location information of the home control gateway for the WebSocket connection

- A mechanism that the S/W library for each home appliance control can be installed as a sub-functional module into the home control gateway depending on its needs

Application Area

- Smart TV set-top box and Web-based home control, home automation, smart home, and etc.

Accomplishments

- 1 patent and 1 ToT (Transfer of Technology)