**Bridgetek**
BRIDGING TECHNOLOGY

PanL Smart Living is a game changer in home and office automation solutions. The objective of this all-encompassing platform is for users to finally be able to control the various lighting, appliances, sensors, air conditioning, heating and security systems that are present in the home, apartment, SOHO and buildings.

PanL35, PanL50, PanL70 display controller devices provide simple and intuitive control of lighting and appliances with rich graphical content and multi-touch functionality. Devices may be grouped and controlled together, automatically and via scenes. The PanL Smart Living app provides control of the home office network via Apple iOS and Android smartphones.

PanL Smart Living Setup
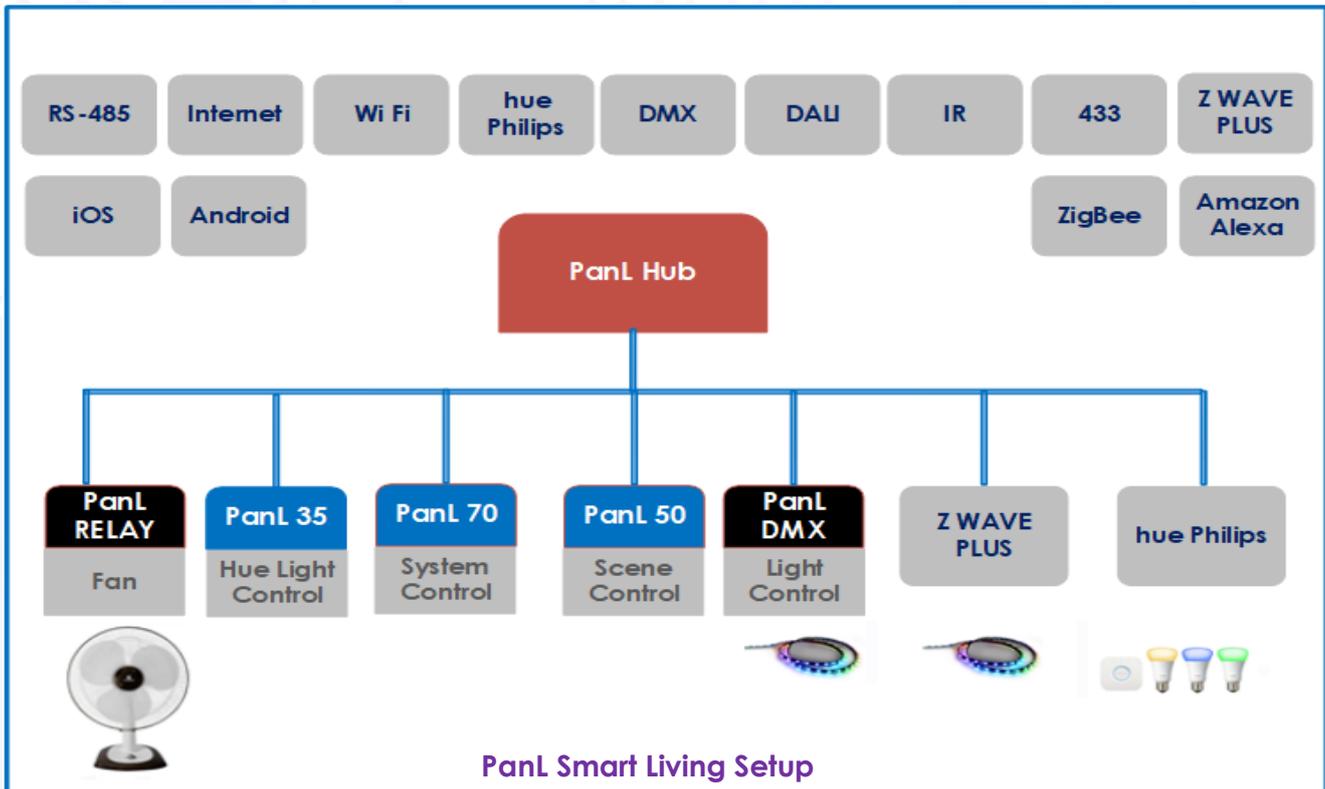
PanL HUBs comprise of an array of different wireless and wired connectivity options - including powered RS485, Wi-Fi (802.11 b/g/n), Z-Wave, ZigBee and *Ethernet*. These interfaces enable diverse sensors and nodes to be connected to the platform. Additional accessories such as PanL DALI controllers and PanL DMX controllers offer smart control of home and building lightings.

PanL RELAY controllers may be programmed to switch on and off AC or DC loads. PanL RF433 and PanL IR controllers may be used to control consumer appliances by replacing the traditional RF and IR remote controllers. PanL Smart Living integrates with Amazon Voice Service through the PanL Voice Skill.

In the demo, a PanLHUB80 is shown connected to a PanL DMX lighting controller, a PanL Relay controller and PanL35, PanL50, and PanL70 display controllers. The PanL DMX lighting controller controls the DMX lighting strip, and the PanL Relay controller controls the fan, while the on-board Z-Wave controller (within the hub) is used to control another lighting strip and finally, the Hue lamp is controlled via the Philips Hue Hub.

Devices may be controlled via PanL35, PanL50 or PanL70 display controllers or the PanL Smart Living smartphone apps or via Amazon Alexa (Amazon Voice Service). Devices may be controlled in groups, assigned to rooms or zones and controlled individually or together. Automation is achieved via events from sensors or via a schedule which may be conditionally qualified to activate scenes.