

# EVECTRIX

## SMART HARMONY PANEL

Intelligent Load Management solution for Detached House , Townhomes & MURBs  
to AVOID PANELS UPGRADE

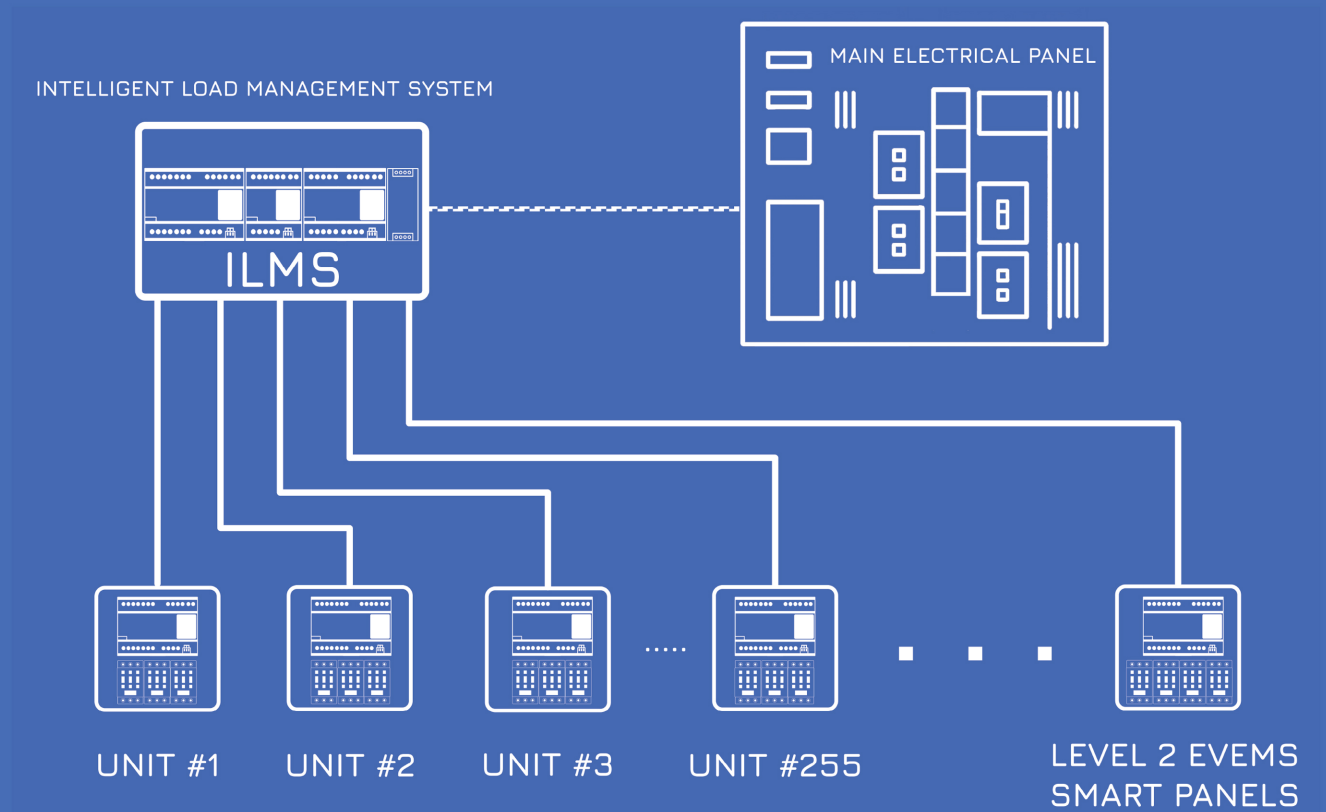


# MURBS & TOWNHOUSE ELECTRIFICATION CHALLENGES

The primary challenge on MURB and TOWN HOUSE projects is a limited available electricity power on the main distribution electrical panel, which indeed cannot satisfy the growing demand of EV, DHW Tank and Heat Pump.

Therefore, adding two or three 30/40/50 Amp EV, DHW Tank and Heat Pump loads to each unit that are all feeding from a limited main electrical power is a significant constraint and, in many projects, almost impossible to implement.

EVectriX Harmony smart panels are specifically designed to not only manage the limited power capacity, but also facilitate the EV ,DHW Tank and Heat Pump demand on different types of Buildings.



## EVECTRIX System Architecture to avoid panels upgrade in MURBs

Each unit will be equipped with the Smart Harmony Panel including CT sensors, which directly manage key connected devices as it's needed.

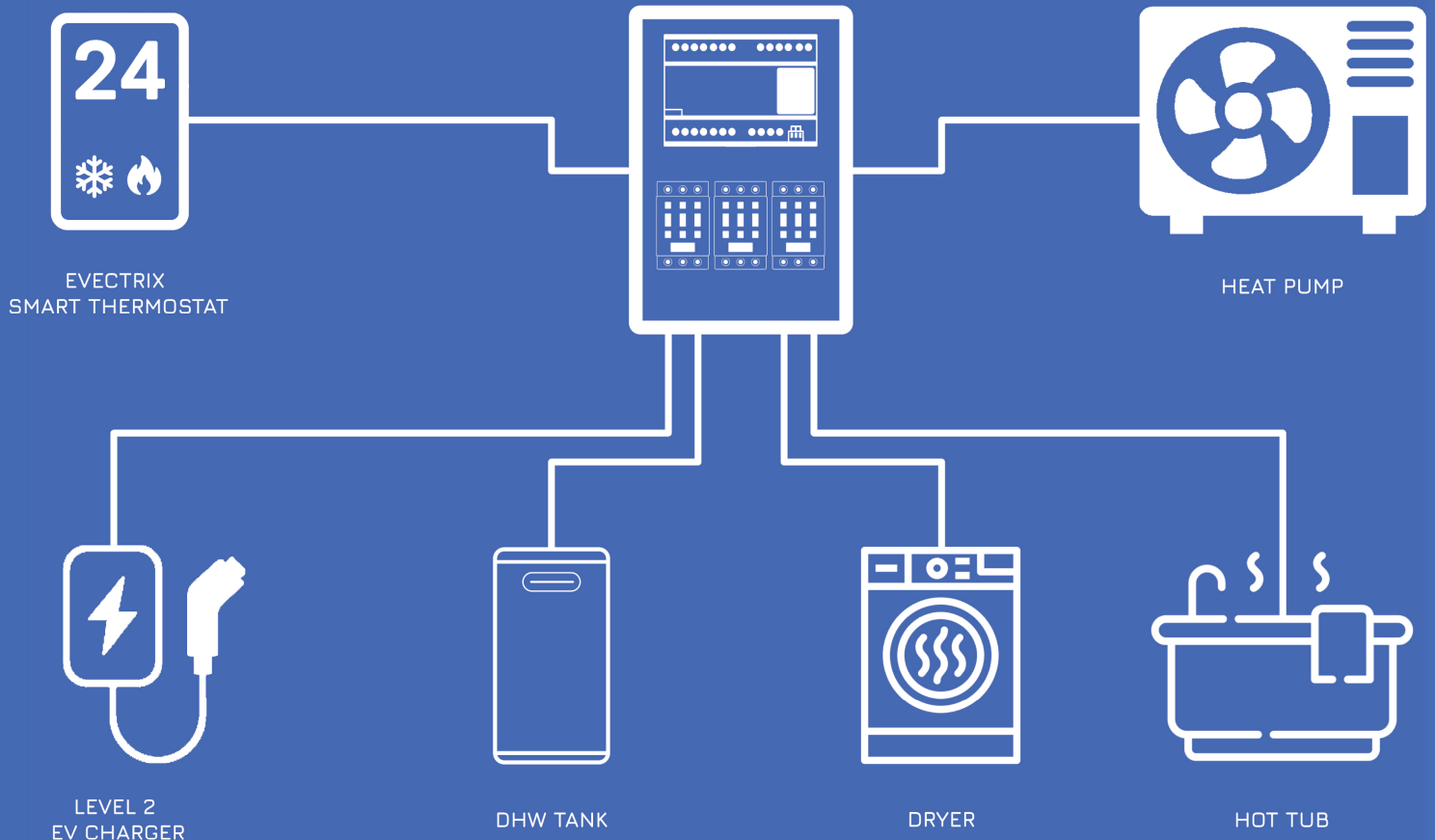
All Harmony panels connect to the Central ILMS (Intelligent Load Management System), which manage efficiently and seamlessly the available power within the pre-programmed priorities logics.

# EVECTRIX SMART TOUCH PANEL & THERMOSTAT FEATURES :



- FAN SPEED (LOW,MEDIUM,HIGH,0-10V)
- HEAT PUMP MODE (HEATING, COOLING, Fan Only)
- INCREASING SETPOINT (COOLING MODE)
- DECREASING SETPOINT (HEATING MODE)
- HEAT PUMP NIGHT SETPOINT
- LOCK HEAT PUMP THERMOSTAT
- 0-10 V OUTPUT
- CONTROLLING UP-TO 18 ZONE WITH 1 TOUCH PANEL
- EV CHARGER NOW MODE!

EVECTRIX SMART HARMONY PANEL



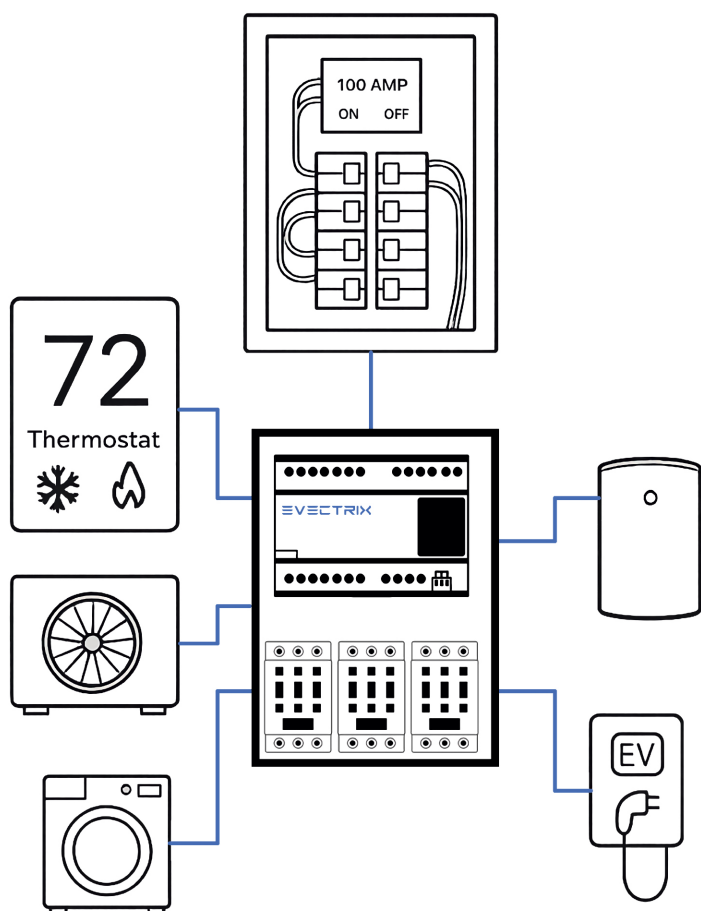
## Overview

EVECTRIX Smart Harmony is a turnkey and holistic solution for electrifying and decarbonizing your dream house.

It is a unique and innovative solution for managing high-demand electric loads, including Level 2 EV chargers, Air-to-Water Heat Pumps, or Air-to-Air Heat Pumps through a smart advanced thermostat, electrical domestic hot water tanks, and dryers without requiring costly panel upgrades.

Designed for Detached House (in standalone mode), MURBs and townhouses (in networkable mode).

Smart Harmony Panel intelligently balances power usage across all connected devices, while measuring the live consumption on each unit and the main electrical panel to ensure a flawless and efficient distribution of the limited available power.



## Key Features

- ⚙ Real-time monitoring of each unit's panel load, as well as the main electrical panel for MURBs
- ⚙ Intelligent prioritization: EV, Heat Pump, DHW, Dryer, etc. – Controlling the Heat Pump only through its smart thermostat to modulate down the heat pump to avoid any power shedding
- ⚙ Up to 255 units per each smart ILMS Harmony panel – Designed for Condominiums and Townhouse projects
- ⚙ Avoid the costly and prolonged process of the panel upgrade

# EVECTRIX

📍 1285 W Broadway #600  
Vancouver, BC V6H 3X8

🌐 [www.evectrix.com](http://www.evectrix.com)

✉ [info@evectrix.com](mailto:info@evectrix.com)



PROUDLY DESIGNED &  
MADE IN BC, CANADA