

DENT-COR-TAP

**CENTRALIZED | TECHNOLOGY
OPERATIONAL | ACCESS
RESOURCE | POINT**



TECHNOLOGY GATEWAY

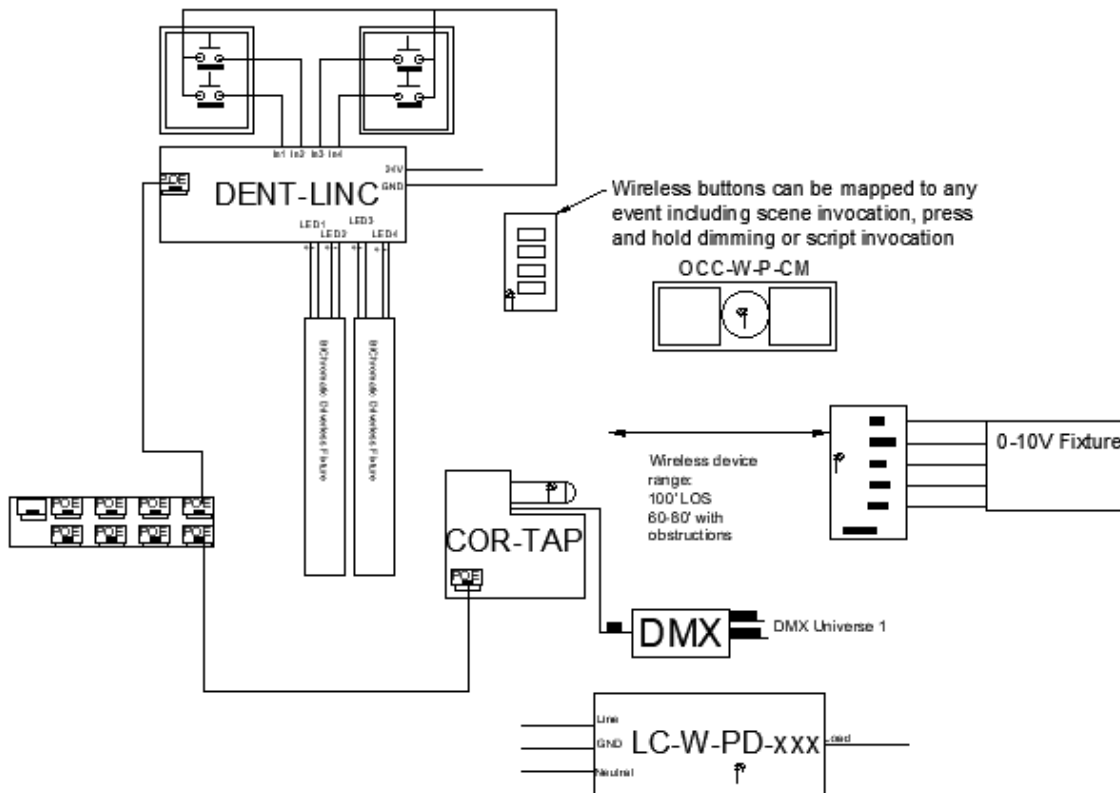
The DENT-COR-TAP is a Linux based high performance server that translates and manages a multitude of devices and technologies for Digital Intelligent Buildings. It bridges many different protocols including EnOcean, Zigbee, DMX, DALI, BACnet, PoE, 0-10V, phase dimming, & Bluetooth in a manner transparent to the user enabling owners and managers to upgrade their buildings in the future while retaining support for legacy infrastructure. When networked together it can share inputs, scenes, groups and optionally connect to the cloud for remote access and data presentation.

Features

- ◇ Support lower Class 2 install costs
- ◇ Connects to any type of wireless wall switch or occupancy sensor
- ◇ HTML5/REST_API connection
- ◇ SW configuration options each device
- ◇ Email alert options
- ◇ Full IoT capabilities
- ◇ Unlimited number of devices
- ◇ WIFI hotspot hosts configuration and usage web pages available via any web browser.
- ◇ Internal astronomical clock with multiple schedule support
- ◇ Bridges dozens of technologies and works with all modern and legacy standards.
- ◇ Hosts PoE devices such as DENT-LINC
- ◇ Watchdog Timers
- ◇ Bluetooth, Zigbee, EnOcean, DALI, DMX integration
- ◇ MTBF > 100K hours (11+ years)



Example Drawing

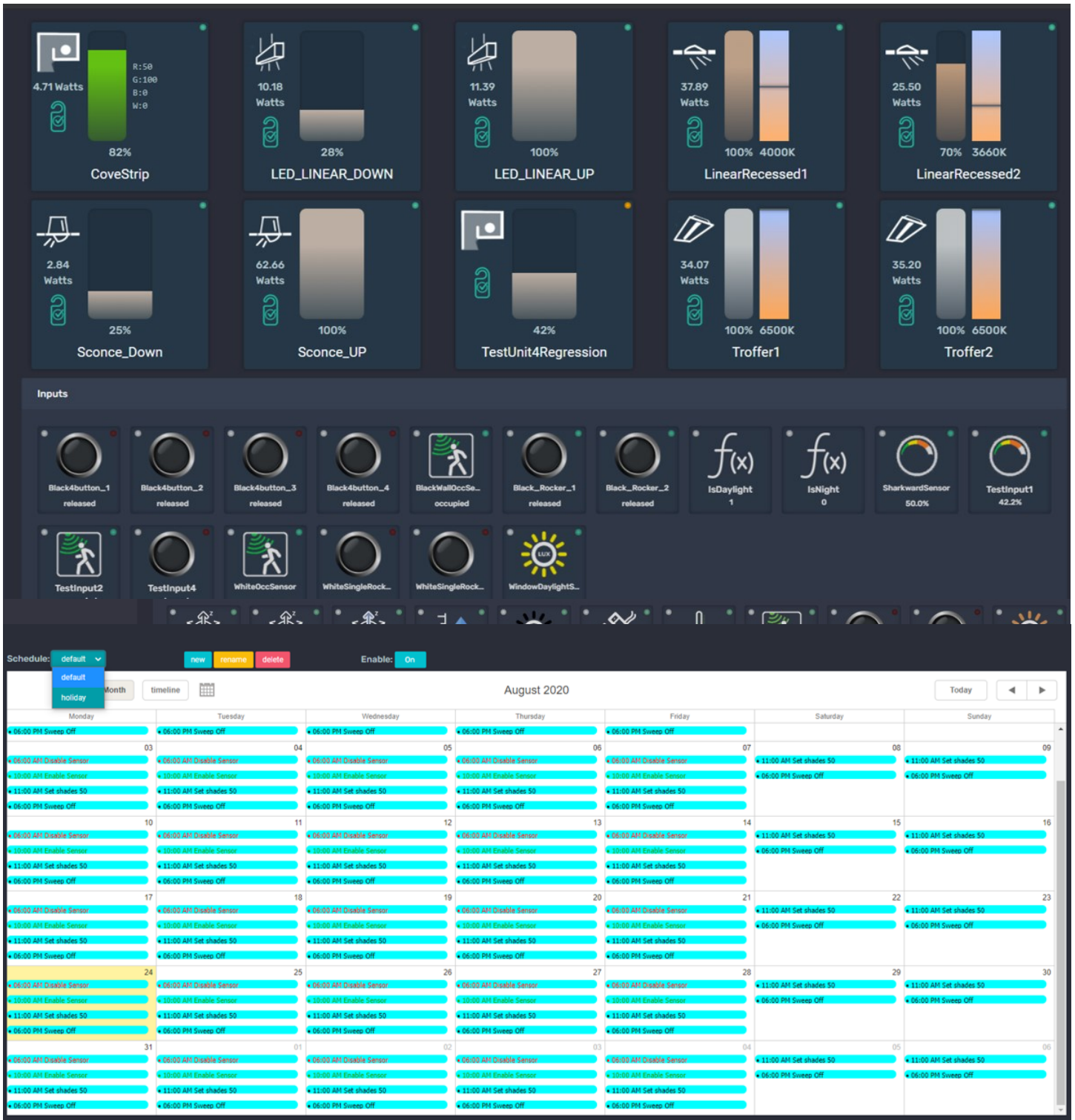


Example Application



The DENT-COR-TAP acts as a “technology firewall” that insulates the user experience from the frequent changes of technology. All the above devices are low voltage units that can be connected seamlessly through the PoE network. Multiple PoE switches can be daisy chained together allowing sensors and inputs to be shared globally across the local network. Future technology can be added and legacy technology can be replaced without disruption to existing technology. Each DENT-COR-TAP gateway can support hundreds of different types of wired and wireless devices as a host - and if we don't have it, just ask and we can add it. Extron, Crestron, BACNet are all integrations that have been done and supported in the past.

Software Screenshots

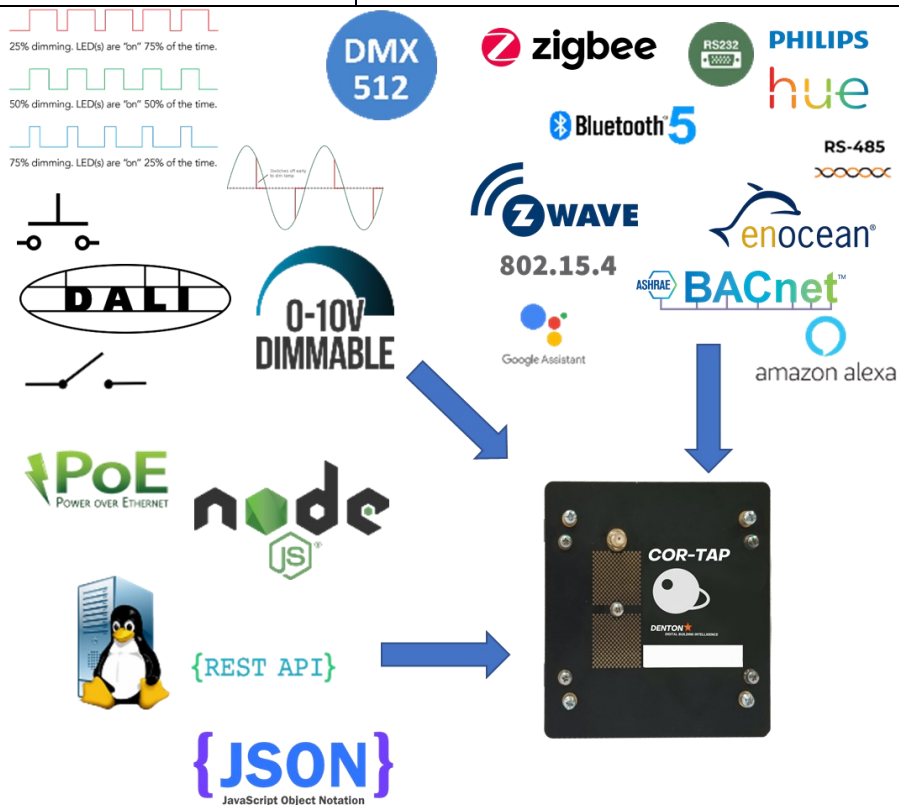


**CENTRALIZED TECHNOLOGY
OPERATIONAL ACCESS
RESOURCE POINT**

DENT-COR-TAP

Technical Specifications

Working Temperature	-20 - 40 C
Power Source	Active - up to IEEE 802.3bt Type 4 support
I/O	2 USB ports with default EnOcean 902MHz radio
Dimensions	4" x 4" x 2"
Weight	< 2 lbs
Static Power Consumption	< 5 watts



SKU	Description
DENT-COR-TAP	Industrial Grade 4" JBOX version
DENT-COR-mini	Lower cost Commercial Application