



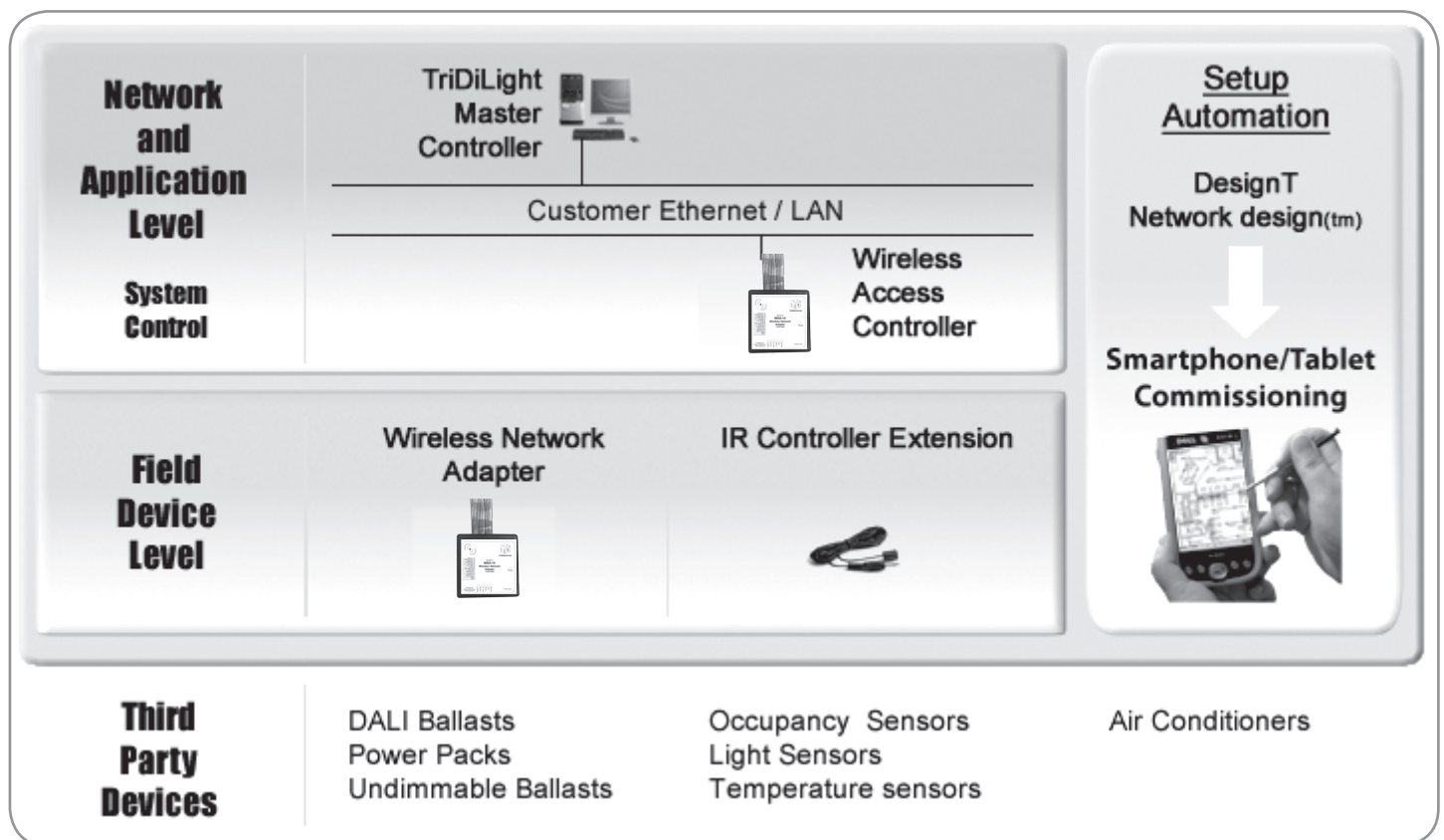
TriDiNetworks Solutions

Simple Setup & Maintenance

TriDiLight wireless lighting and HVAC control system

TriDiLight reduces energy consumption in commercial buildings. The Wireless lighting and HVAC control system incorporates scheduling, occupancy, daylight harvesting, Smart Grid demand response and "personal control" for each occupant from computer desktop or cellular phone.

Reduce complexity and cost by using **Point & Click** technology that enables a very fast, secure installation and setup by electricians with basic skills and minimal training.



TriDiNetworks OEM solutions

Wireless and Wired Networks design software

Design tool for the design of network devices and control system applications

Smartphone & Tablet commissioning tools and software

Software on Smartphone or Tablet for automatic setup and maintenance of the wireless network. Can be used also as the operation panel of the system.

Specifications are subject to change without notice. Please ask the factory for technical specifications before purchase and use.



TriDiNetworks Solutions

Simple Setup & Maintenance

TriDiLight Wireless Control System Products



WNA – Wireless Network Adapter

Upgrades third party sensors and controllers to become controlled devices on the wireless network. It includes a ZigBee transceiver, a microcontroller, an innovative configuration adaptor which allows to contactless load set-up data for the automatic formation and maintenance of wireless control networks.



IR Controller extension – Remotely control Air Conditioner

TriDiLight Master Controller - Standard PC controls and operates field equipment and devices such as DALI ballasts, RS232, RS485, actuators, sensors and switches.

Employing scheduling, occupancy sensing, daylight harvesting and Smart Grid demand response.

Wireless Access Controller - a gateway between the field equipment and the Master Controller via the local Ethernet network.

IR Controller – adapter for cell phones and tablets for Air Conditioners remote control

Main Features

- Low power consumption
- Low power supply voltage (3.3V)
- 2.4 GHz ZigBee transceiver with PCB antenna
- Powerful microcontroller
- Over the Air Download (OAD)
- Configuration adaptor for powerless & contactless parameters download
- 6 LED indicators
- RS232, RS485, 0-10V control channels
- Power relay control outputs:
 - Hold on
 - Hold off
- Environmental sensors inputs:
 - PIR movement detection sensor
 - Light intensity sensor
- Operating temperature range: -20°C to + 60°C

TriDiNetworks Setup Automation Software

Network Design

Design tool for the creation of network devices and control system application.

Commissioning tool

Software on Smartphone or tablet for automatic setup and maintenance of the wireless network.