

C-Bus™ Solutions

Complete commercial control

Make the most of your energySM

Schneider
Electric

Complete Control

C-Bus™ control systems from Schneider Electric will put you in control of your lighting levels, your comfort, and your energy costs. Regardless of your need, a C-Bus control solution is available that is easy to design, quick to install and, most importantly, easy to use.

- A **unique** distributed control network
- **Automates** the task of controlling lighting and HVAC loads
- Can be used to **control lighting** in a single conference room or an entire campus
- **Elegant and easy to use** control interfaces, such as touchscreens, keypads and remote controls



When you want performance you can count on –
when you want to be comfortably in control...

turn to Schneider Electric.



In business, time is money

When it comes to employing new technologies, the technology should work for the user. No one should have to spend time managing overly complex systems. With a C-Bus control system, convenience is delivered. Our user interfaces are intuitive and designed to be quickly accessed. Systems are completely scalable and reconfigurable to meet changing needs of the space or project. They are also easily integrated with other building management systems for a total building solution.

Elegance meets reliability

Control systems need not be complex or take away from the appearance of a building's décor. The C-Bus control solution brings together stylish, well-designed user interfaces that are simple to use. Our systems are designed to exceed the most demanding industry standards. The result: a unique, capable system that's attractive, dependable and completely scalable.

The industry standard

We have been designing and manufacturing control systems for over 30 years. That's a track record that rivals any in the industry. Our systems have been installed worldwide in thousands of commercial applications. We have the expertise to understand your application and recommend the right solution. We're fully supported with an extensive factory service and support network, available 24/7.



Comfortably in control

The C-Bus solution allows control of lights and other systems to be switched or dimmed according to the desired activity, all with the simple press of a button. Using touch screens, keypads or remote controls, create the right ambiance by controlling the meeting room environment. Turn on projectors, lower presentation screens, change your HVAC controls, all with the single push of a button.



Research studies have concluded that greater productivity, higher grades, improved health and well-being results when users can independently control their lighting environment. In fact, the LEED® green building certification program recognizes these benefits by awarding credits for facilities with independent lighting control.





Comfortably in control (cont.)





C-Bus lighting controls reduce lighting energy up to 50% by automatically switching off lights when rooms are not occupied or by reducing the amount of artificial light when natural daylight is available. Options are available for switching or dimming a wide variety of lighting, including incandescent, low voltage, metal halide, fluorescent and LED.

Additionally, with C-Bus you can control shades, light pipes, even the HVAC system for maximum energy savings. Regardless of the room or space, a C-Bus solution is available to reduce energy and carbon emissions.



Research shows that increased daylight in a classroom can improve student learning. In fact, according to one study*, students in classrooms with the most natural light progressed 20% faster on math tests and 26% faster on reading tests over the span of one year, than their counterparts in classrooms with the least amount of daylight.

* Heschong Mahone Group. "Daylighting in Schools: An investigation into the relationship between daylighting and human performance." Condensed Report. August 20, 1999

Distinctive, simple and **beautifully elegant**

Our system uses architect-designed, internationally-inspired designs.



We offer



Custom engraving for Neo and Saturn keypads.



Backlit dynamic labeling technology for DLT keypads.

1. Decorator style keypads

Popular Decorator format keypads that compliment the look of other wiring devices. Works with handheld remote controls via integral IR receiver.

2. Neo™ style keypads

Choose from over 1000 custom combinations of face plates to complement any décor. Unique bi-color amber/blue LEDs indicate status, standard on Neo and Saturn keypads.

3. Saturn™ style keypads

Architect-designed to express a lifestyle and available in colors that complement any décor.

4. Keypads with Dynamic Labeling Technology™

Dynamic Labeling Technology (DLT™) lets you personalize each button, such as “Conference” or “Office.” Choose from labels and/or graphics – it’s backlit so it’s easy to find.

5. Get the right touch

Choose from color or monochrome touch screens and get increased control of a wide range of functions beyond lighting control, such as audio, HVAC, shades, security interface and more.

Harmonize the décor with control. Touch screen surrounds available in both the Neo and Saturn styles.

6. Remotely control your system

Control lighting, HVAC, audio, projectors, screens, shades and more. Enjoy the luxury of the “All Off” button from anywhere.

gant products



7. Sensors

Light level and/or passive infrared (PIR) sensing technology. Available in ceiling-mounted or wall-mounted models with integral light level sensing ability, adjustable sensitivity and schedule clock overrides.

8. Outdoor motion sensors

Wall- or ceiling-mounted with passive infrared (PIR) sensing technology with a 110 degree field of view. Available with integral light level sensing ability, adjustable sensitivity and schedule clock overrides.

9. Thermostats

Available in white, black or a stainless steel fascia. Up to four zones of control, all compatible with C-Bus remote temperature sensors.

10. Low voltage relay

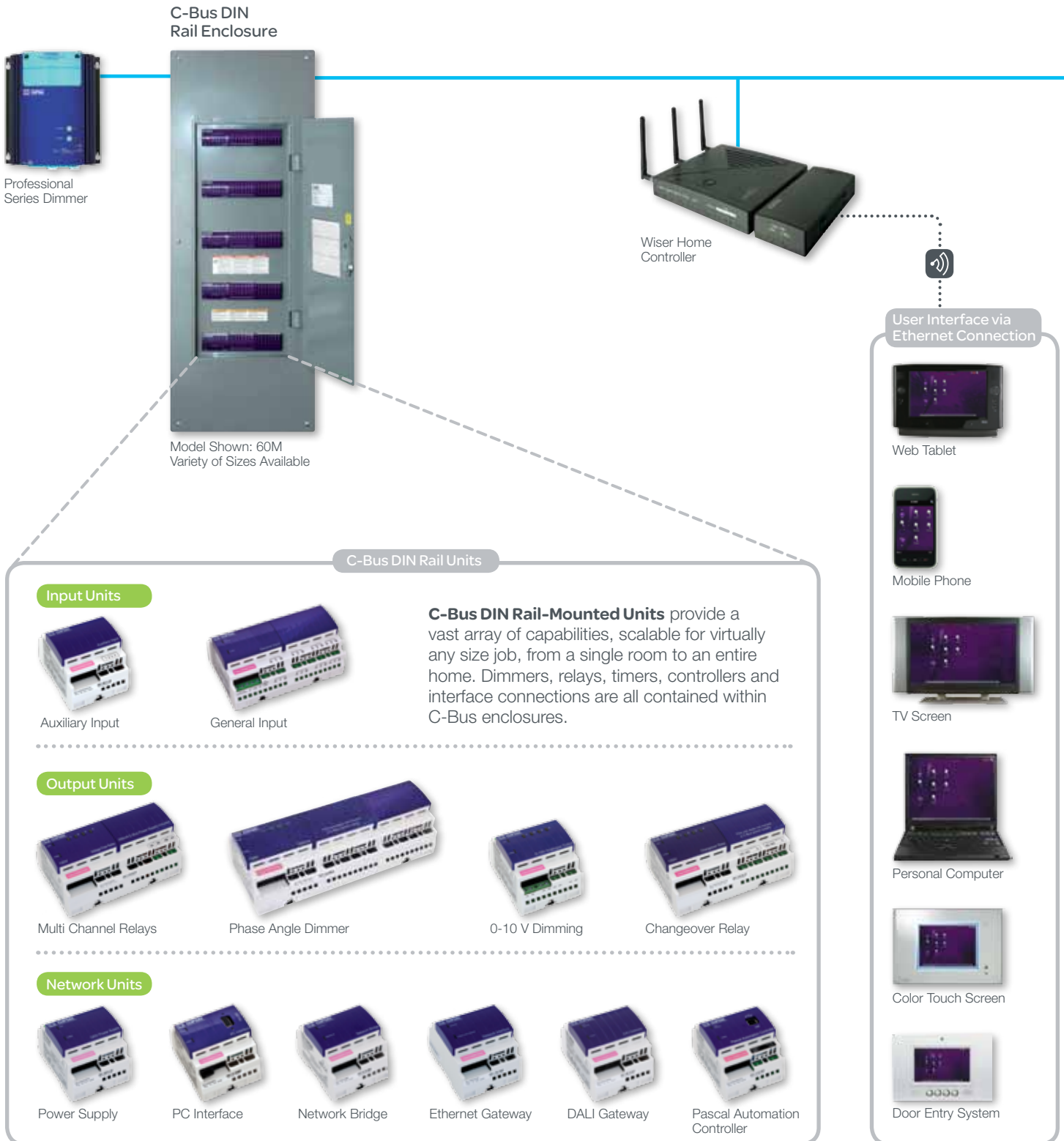
Ideal for controlling blinds, screens, dampers and irrigation systems.

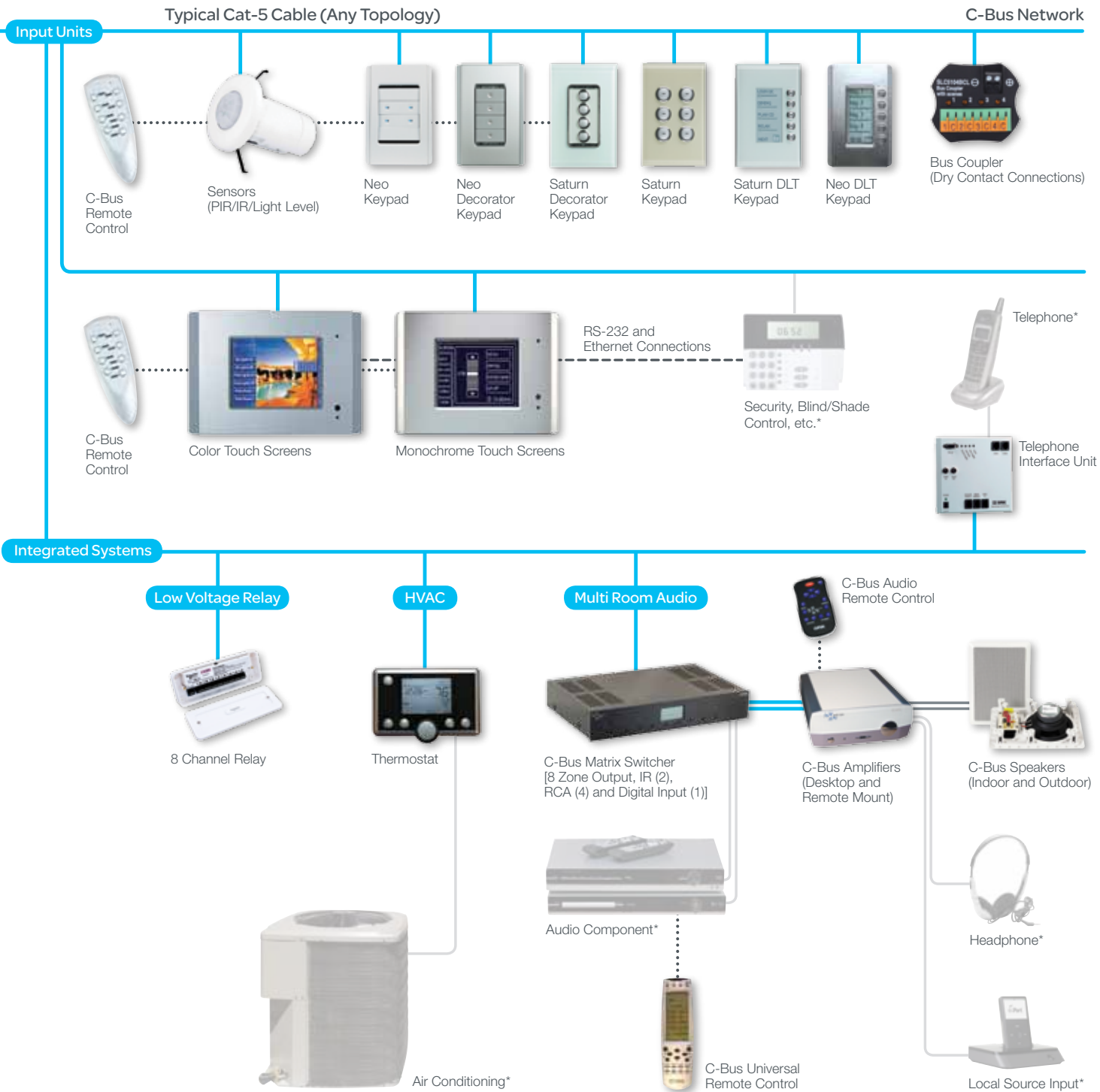
11. Wiser™ controller

Allows control of lights, HVAC and more from a common user interface. Control items from a mobile phone, keypad, touch screen, TV or the internet.

One-line Diagram

C-Bus control solutions provide the utmost in capabilities, lower commissioning cost and greater customer appeal. Use typical Cat-5 cabling, in any topology.





* Third-party Devices

We offer the resources to **back you up** every step of the way...



From initial consultation and project management to final commissioning, our factory-trained personnel will handle every aspect of the lighting control system so you don't have to worry about coordinating efforts with other third parties. And whenever you need follow-up support or have any questions, our nationwide support center is there to help.



To learn more, visit www.schneider-electric.us/solutions/lighting-and-whole-home-control

Schneider Electric USA, Inc.

320 Tech Park Drive, Suite 100
LaVergne, TN 37086
Tel: 1-888-778-2733
www.schneider-electric.us

C-Bus, Neo, Saturn, Dynamic Labeling Technology, DLT, Wiser, Schneider Electric and logo, and "Make the most of your energy" are trademarks or registered trademarks of Schneider Electric and/or its affiliates in the United States and/or other countries. Other trademarks used herein are the property of their respective owners.



*This document has been
printed on recycled paper*