As an industry leader, we’re dedicated to supplying you with the most innovative and sustainable electrical solutions available on the market. Schneider Electric is one of the largest global specialists in energy management, which enables us to provide a “total electrical solution” for any project or application.

We’re also very passionate about energy management and the environment. We have led the way in manufacturing by adopting reduction of hazardous substances (RoHS) practices and achieving Environmental Management Systems compliance.

In addition to this, we offer a growing range of energy efficient products and solutions for the home that will deliver you extra savings and convenience.

When you buy Schneider Electric you can be confident you’re dealing with South Africa’s most experienced electrical accessory manufacturer. Schneider Electric strives in every aspect of the business to provide you with high quality, intelligent, environmentally friendly and economical electrical solutions, now and in the future.
Welcome to Schneider Electric’s Essential Checklist. It provides you with hundreds of electrical solutions, which have been designed to enhance your lifestyle and complement your home. From safety and security to convenience and style, you can be sure to find something that is perfect for you. Our range of energy efficient products and solutions will reduce your energy consumption bills, save money and help to preserve our planet.

**Easier Home planning**
The Essential Checklist showcases the range of Schneider Electric products, styles and colours available for you to choose from. Once you know what you want, Schneider Electric make the next steps easy for you.

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YOUR NEXT STEPS

The Essential Checklist will give you plenty to think about when it comes to your electrical plans. Take notes, circle products or mark your pages; whatever your preferred method, you’ll probably have an array of products in mind. “What’s the next step?” you ask. There are four possible scenarios, depending on how you have chosen to build or renovate your home.

1. You’ve got a builder
   you’ve got your dream home design and contracted a builder. Some steps to consider are:
   - You need to discuss which licensed electrical contractor to use with your builder – the earlier the better. The builder may already have a licensed electrical contractor to do your electrical work or you may have a preferred licensed electrical contractor; perhaps one you have used before.
   - Typically, your builder will have a standard electrical plan for your home. However, you may want to modify these plans to include custom features you want for your home.
   - Builders may respond in one of the following ways to your plans:
     A. They could refer you to the licensed electrical contractor. The contractor will talk you through the plans and tailor it where possible.
     B. Perhaps they have a selection centre where you can see lots of different electrical products and solutions. Ask to go through the Essential Checklist with the selection centre consultant.
     C. The builder may discourage any changes you want to the plan. Ask to speak to the licensed electrical contractor to find out the costs of your personalised plan.

2. You’re using an architect
   you’ve talked to your architect and your house reflects your lifestyle needs and is within your budget. When you plan your home’s electrical layout consider the following:
   - You need to discuss which licensed electrical contractor to use with your architect – the earlier the better. The architect may already have a licensed electrical contractor to do the electrical work. You may have a preferred licensed electrical contractor; perhaps one you have used before.
   - If you haven’t looked through the Essential Checklist with your architect it’s not too late to go back and speak to them about what you want.
   - The architect will provide the licensed electrical contractor with the electrical plan. The contractor will complete the wiring installation that best suits your new home or renovation.

3. You’re the owner and builder
   If you’ve decided to supervise the building project yourself look through the Essential Checklist to choose all your electrical requirements. Once you’ve made your decision you will need to find a licensed electrical contractor.
   - You can save time with a visit to www.schneider-electric.co.za and use the Partner Locator. All electrical contractors listed are Scheider Electric approved, ensuring the highest quality installation of your product selection.

4. DIY for your own home
   Once you’ve looked through the Essential Checklist, there are probably a number of improvements you want to make to your home.
   - Meet your licensed electrical contractor and discuss how to incorporate the products into your plans.
ESSENTIAL QUESTIONS

to ask yourself before planning your electrical requirements.

Position of Furniture
How are you going to furnish the house? What will you use each room for; a theatre or games room? This will affect your lighting design.

Light Switches
Are you happy with the location of the light switches?

TV and Telephone
What are the locations of the TV and phone points? Where are the computers going to be located? Are you having smartwiring (home networking)?

Security System
Security systems usually require power and telephone points. These points are often located in the wardrobe, pantry or linen cupboard.

Water Systems
Do you need power for watering systems or irrigation?

Power to the Garage
Do you need power in the garage for vacuuming the car or operating any tools?

Gas Points
Where would you like the locations of your gas points? Do they need to have a power point next to them for the heater fan and ignition? Do you want mains gas for your BBQ?

2-Way and Intermediate Switching
Would you like to turn lights on and off from more than the one switch? For example: light switches at both ends of a hallway, or each entrance to a room.

Three-Phase Power
Will your power requirements be above average? Will you need three phase power?

Washing Line
Where is the location of the washing line? Will you need a light point there?

Outdoor Spa
Will you have an outdoor spa in the future? This will need a 15Amp power point.

Laundry Fan
Do you want an exhaust fan in the laundry to extract moisture when the dryer is in use?

Theatre Room
Are you installing conduit or wiring for future speakers? Do you need a power point for a projector (on the ceiling or in the ceiling)? Where is the screen or TV located? Where is the AV and audio equipment located? Is there going to be automated lighting control (C-Bus)?

Dimmable Lighting
Which lights would you like to be able to dim? Speak to your licensed electrical contractor to make sure your light globes are compatible with the dimming unit; specially when using new technology lighting such as LED lights.

Outside Power
Where would you like outside power points? Ensure they are weatherproof outside lighting. How do you want to light the perimeter of your house? A light down the side of your house is handy if the hot water system needs inspecting at night or you need to hang clothes on the line.

Pool Requirement
Does the pool pump need three phase power? Please speak to your pool supplier for any special electrical requirements.

Energy Monitoring
Do you know how much energy you’re using? Monitor your gas, electricity and water consumption with an Ecomind Energy Monitor.

C-Bus Home Control
Do you want the ability to control all your lighting at the touch of a button or remote control? Or perhaps control elements such as audio, lighting and air conditioning to work together in pre-programmed “scenes”?

Ceiling Fans
Do you want to improve the efficiency of your heating and cooling systems? Ceiling sweep fans are a great way to improve comfort levels around the home, while reducing energy consumption.

Quality Assurance
South Africa has a well-regulated electrical industry and you have every right to ask about the quality of products used in your home. The only safe option is to be sure that your builder/electrical contractor has installed products that comply with SABS Standards

Bedrooms
Do you need TV or phone points in the bedrooms?

Outside lighting
How do you want to light the perimeter and exterior of your house?
Turn your home into a safe haven with Schneider Electric’s Building Security Solutions. From motion sensors and keyless entry to home security and surveillance cameras, Schneider Electric has the right solution to secure your property and protect your family.
Entrance and Home Security

1. Outdoor Motion Sensors
Ward off intruders and welcome guests with the famous Schneider Electric motion sensor. The motion sensor automatically turns lights on when motion is detected around your property and will turn lights off after a preset length of time.

2. Passive Infrared (PIR) Indoor Motion Sensors
This cost effective accessory makes life easier, and it can reduce your energy consumption. Turns the lights on automatically when you enter, and best of all it switches the light off automatically when you leave the room.

3. C-Bus Touchscreen
The entrance is an ideal spot for a C-Bus Touchscreen if you are installing C-Bus Home Automation. Control lighting, heating, cooling and entertainment with one easy touch.

4. Surveillance Camera
Don’t risk answering the door to strangers. Schneider Electric Surveillance Cameras allow you to see who’s knocking at your door from the comfort and safety of your home. For added convenience, you can even have them connected to your TV.

Essential Extras

Power Outlets
Unobtrusive and practical, extra power outlets are a handy addition in any hallway when you’re vacuuming or have a lamp on the sideboard.

Wall Switches
Wall switches in the hallway area are essential. Multi-gang switches allow you to operate entrance and exterior lighting. To see more of our fantastic switch ranges, go to pages 34-37.

Dimmer Switches
Set the right mood and ambience for your guests, while enjoying the additional energy savings and extended lamp life. If you set your lighting to half brightness, you can save up to 50% of your energy costs.

C-Bus
There are many advantages to C-Bus Home Control, including the option of a “goodbye” switch; conveniently turn everything off and arm your security system as you leave home. To learn more about C-Bus, go to page 38.
In today’s modern home your electrical and lighting scheme needs to be flexible to suit your lifestyle requirements.

The family room incorporates vast amounts of technology, and ensuring you have enough power outlets is essential to avoid the hazard of messy extension leads and power boards. Clever lighting design, utilising low energy downlights with dimmers provides a practical lighting solution for today's lifestyle.
Family Room

1. Ceiling Sweep Fans
   Stay cool in summer and circulate warm air in winter. Ceiling sweep fans are a great addition to reduce costly air-conditioning and heating bills.

2. Dimmer Switches
   Create the perfect lighting ambience when you have guests over or set the ideal light level to watch a movie. When you run your lighting at a lower level you can also enjoy the added benefit of energy saving.

3. Multigang Power Outlet
   The ideal solution for your entertainment area. Providing you with ample power outlets to run all your audiovisual equipment.

4. Telephone and Data Sockets
   Ensure you cater for all your home networking and technology requirements with an adequate amount of telephone and data sockets.

5. RCA / HDMI Sockets
   Enjoy your audiovisual equipment from any room. Send videos or music from your entertainment system to alternative rooms in the home. Simply plug in your TV or speakers and you’re ready to go.

6. Premium In-Ceiling Speakers
   Listen to your favourite music throughout the home. These low profile speakers produce a superior sound.

7. Surge Protection
   A complement to the Acti 9 system and exclusive to Schneider Electric, the Acti 9 type-2 Surge Protection Devices (SPDs) are designed for absolute safety and improved continuity of service. Perfect for industrial and tertiary applications, Acti 9 SPDs protect your electrical installations and sensitive equipment against induced or conducted surges caused by indirect lightning strikes. So your installation is 100% protected, even in the most demanding environments.

Essential Extras

Wall Switches
   Conveniently placed light switches are essential to a well planned family room. Using a separate switch for your major lighting groups will provide greater flexibility and control.

Power Outlets
   Make your family room functional and adaptable to any layout by installing several power outlets in convenient locations throughout the room.

Surge arrestors
   Having surge arrestors installed will protect your valuable electrical equipment from the damage of power surges.

C-Bus
   C-Bus home control gives you the ability to control many aspects of your home from a switch or touch screen. Create “scenes” and “schedules” that manage lighting, music, temperature, curtains and much more. To learn more about C-Bus, go to page 38.
The kitchen is the heart of every home, where meals are prepared and friends and family socialise.

Today’s kitchens often use a myriad of appliances. To make this space more functional, carefully plan your electrical installation.
1. Multigang Power Outlet
Multigang power outlets are a great addition to any kitchen to run modern appliances, ensuring you never run short of power outlets.

2. Ceiling Exhaust Fan
Ceiling exhaust fans are the ideal solution to remove lingering cooking smells from the kitchen. Schneider Electric’s innovative cover design reduces dust build-up by 80%.

3. Passive Infrared (PLR) Indoor Motion Sensor
The perfect hands free lighting solution. Motion sensors conveniently switch lighting on when motion is sensed and turn lighting off after a preset time. Perfect for pantries.

4. TV/Telephone/Data Sockets
Make sure your home is “future proof” and ensure you have adequate TV, telephone and data connections. They are an essential addition to any modern kitchen.

5. Zencelo
Schneider Electric’s Zencelo range of wall switches perfectly complements modern finishes, beautifully blending with glass splashbacks and granite bench tops. See page 35 to look at our full range of colours and finishes.

6. Pop-Up Power Outlet
You can say goodbye to messy cords and no access to power, thanks to our convenient pop-up power outlets. Great for bench tops, the flush compact design allows power points to be hidden when not in use.

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Essential Extras

Dimmer Switches
Adjust your lighting to create the perfect mood and ambiance, or simply just to save energy by running your lighting at a lower level.

C-Bus Multi-room audio
Listen to your favourite music while preparing meals or entertaining friends with C-Bus Multi-Room Audio. To learn more about C-Bus Multi Room Audio see page 46.

Premium In-Ceiling Speakers
Schneider Electric’s range of in-ceiling speakers will deliver crisp, clear audio throughout your kitchen or dining area. When used in conjunction with C-Bus Multi-Room Audio you can fill your entire home with fantastic sound! For more information about Schneider Electric’s range of premium speakers go to page 46.

C-Bus Desktop Touch Screens
Control your entire home from a central location with a C-Bus Desktop Touch Screen. Create “scenes” that adjust lighting, music, temperature, or even your curtains and blinds. To learn more about C-Bus see page 38.
The home theatre is a sanctuary of relaxation for family and friends.

In order to get the most from your home cinema experience, you need to ensure the lighting and cabling elements suit your individual requirements.
Home Theatre

1. Entertainment Socket
Connect any audiovisual equipment to your home theatre quickly and easily. The Entertainment Socket allows you to connect devices such as laptops, MP3 players, portable DVDs and PDAs to your home theatre monitor.

2. Infrared (IR) Dimmer
Enjoy entry-level home automation on a room-by-room basis with Schneider Electric’s IR dimmer. It conveniently has a remote control option so you don’t need to get off the couch.

3. Powertainment
Typical home theatres consist of a TV, set-top-box, DVD player, PVR, game console, surround sound and a stereo. Powertainment is a simple solution that will cover all your power and TV requirements.

4. Premium In-Ceiling Speakers
Listen to your favourite music throughout the home. These low profile speakers produce a superior sound.

Essential Extras

AV Connections
Designing your home theatre so it’s Audio friendly is an absolute must. Banana plug sockets allow you to plug in your surround sound speakers with minimal fuss and no messy cables.

Wall Switches
Give your home theatre greater flexibility and lighting control by installing separate light switches to control groups of lighting.

Telephone/Data Sockets
Access the Internet and other multimedia services through your large screen monitor with a simple data connection in your home theatre.

C-Bus Home Control
Use lighting control to create the mood. Set scenes and incorporate the control of AV equipment with C-Bus. To find out more about C-Bus see page 38.

Surge arrester
Install a surge arrester and protect your valuable audiovisual equipment from power surges.
A functional study design relies heavily on its electrical layout and lighting.
It is imperative you have enough power, data and telephone outlets, and a carefully planned lighting design.
Study

1. Multigang
Most modern devices and gadgets have oversized plug packs, which take up far too much space on power outlets. Multigangs accommodate these large plug packs so you’ll never be short of power again.

2. Telephone/Data Sockets
Ensure you have telephone and data sockets positioned in your workspace to allow for changing needs.

3. Infrared 90° alarm Sensor
Protect your home and prevent your valuables from being stolen by intruders with Schneider Electric’s Alarm Sensor, as part of a security system.

4. Wall Switches
Complement your study with the latest Zencelo full-flat switch technology. To see more of our fantastic switch ranges, go to pages 34-37.

5. Ceiling Sweep Fan
Ceiling sweep fans can improve the efficiency of your air-conditioning and heating. Reduce electricity bills by circulating warmth in the winter and cool in the summer.

6. Surge Protection
A complement to the Acti 9 system and exclusive to Schneider Electric, the Acti 9 type-2 Surge Protection Devices (SPDs) are designed for absolute safety and improved continuity of service. Perfect for industrial and tertiary applications, Acti 9 SPDs protect your electrical installations and sensitive equipment against induced or conducted surges caused by indirect lightning strikes. So your installation is 100% protected, even in the most demanding environments.

Essential Extras

Dimmer Switches
Dimmer Switches are great additions to any study, helping control your lighting to create the perfect working environment.

Multi-room audio (MRA)
Plug your iPod or computer into an MRA wall connection and listen to your favourite music in the study or anywhere in the house. To find out more about Multi-Room Audio see page 46.
The bedroom is your personal space and sanctuary to relax and unwind, so it’s important you design a room that is comfortable and functional.

You need to consider lighting, temperature and mood to make this space just right.
Bedroom

1. Wall Switches
S3000 switches are the perfect addition to any modern bedroom, offering an LED indicator that makes it easy to find the light switch in the middle of the night. To see more of our fantastic switch ranges, go to page 34-37.

2. Ceiling Sweep Fan
Assist with room ventilation and maintain a comfortable sleeping temperature by installing a ceiling fan with a convenient remote control. When used in conjunction with C-Bus your fan can be programmed to turn on or off as part of a scene or schedule.

3. IR Dimmer
Control the level of your bedroom lighting from the comfort of your bed with a remote controlled IR dimmer.

4. Passive Infrared (PLR) Motion Sensor
Turns the lights on automatically when you enter your walk-in robe, and best of all it switches the light off automatically when you leave the room.

5. Telephone/Data
Enjoy the added convenience of easy access to the telephone and the Internet.

6. Multi-room audio
Listen to music in your bedroom for ambience or entertainment. The Multi-Room Audio system gives you the flexibility to distribute audio throughout the entire home with complete control.

Essential Extras

- Entertainment Socket
In a new era of digital technology, ensure you always have perfect reception with a Zencelo entertainment socket.

- Power Outlets
Make sure you have adequate power outlets in your bedroom for added function and adaptability.

- Dimmer Switches
Whether you’re getting ready to go out or preparing for a good nights sleep, the ability to adjust your lighting level makes your bedroom more suited to a modern lifestyle.

- C-Bus Touch Screens
Turn off everything in your home from the comfort of your bed with a C-Bus touch screen. In fact, you can control everything from this user-friendly touch screen such as music, curtains, temperature, lighting and much more! To learn more about C-Bus see page 38.
From getting ready for work to relaxing on the weekend, we often use many electrical devices in the bathroom that can pose a potential risk when used around water.

Ensure that you design your bathroom to be practical, comfortable, but most importantly safe.
Bathroom

1. Ceiling Exhaust Fan
A must for every bathroom. The powerful CE250 Exhaust Fan collects 80% less dust, and the innovative back-draft shutter closes when the fan is not in use, preventing air entering or escaping the home.

2. Shaver Socket Outlet
Ensure you have power outlets in your bathroom to operate shavers.

3. Passive Infrared (PLR) Indoor Motion Sensors
This cost effective accessory makes life easier. Ideal in your bathroom as a hands-free light switch, it can reduce your energy consumption.

4. Wall Switches
Schneider Electric’s growing range of switch designs with contemporary features, including LED and push button switches, provide a solution for every home décor. Consider the Silver Hairline finish of Ulti Impress push-button switches to complement your fittings and tiles. Also available with label buttons.

5. Multi-room Audio
Start every day with your favourite music or radio program with Multi-Room Audio. The Multi-Room Audio system gives you the flexibility to distribute audio throughout the home with complete control. To learn more about Multi-Room Audio see page 46.

Essential Extras

Moisture protected Switches
Ensure you’re protected from the hazard of electricity and water with moisture protected switches.

Timer Switch
Don’t waste expensive power by leaving the lights and exhaust fan on. Install a timer switch and they will turn off automatically.

Dimmer
Use a dimmer to create the perfect lighting ambience when relaxing in the bath. Or, choose to keep lights at a lower level for those early morning starts.
By installing a few extra electrical accessories in the laundry you can create a far more functional space, making life a little bit easier.

The laundry needs plenty of power outlets for your cleaning appliances, as well as efficient ventilation to remove moist air.
Laundry

1. Multigang
Today’s modern laundry often accommodates more appliances than just a washing machine and dryer. Ensure you have enough power outlets for all your requirements.

2. Ceiling Exhaust
Ceiling exhaust fan is a practical solution to remove moist air from any laundry.

3. Passive Infrared (PLR) Indoor Motion Sensors
Motion sensors are a very handy solution for the laundry, as you’ll never need to reach for the switch when your hands are full. The light simply turns on when you enter the room and turns off when you leave.

4. Power Outlet
Make sure you have adequate power outlets in your laundry for added function and adaptability (to operate all your electrical appliances).

5. Earth Leakage
Because you can’t always see damaged insulation or loose wires, new regulations require homes to be fitted with Earth Leakage devices. Earth Leakage devices are highly sensitive devices that trip immediately when an electric shock situation is detected. If anybody gets an electric shock it stops the electricity flow. It would be particularly effective in old buildings with ageing installations.
From a home handy-man’s workshop to a place to store your dream machine, the electrical design for a modern garage needs to be functional and practical.

Install sufficient lighting and power outlets so that you can work on your projects whenever you want to.
1. Weatherproof Power Outlets
Weatherproof power outlets are a handy addition to any outside application, providing you with protection no matter what job you’re tackling.

2. Weatherproof Switches
Located on the exterior, weatherproof switches are your safest option to operate your outside lighting.

3. Weather Proof Isolators
Water resistant isolator is perfect to isolate weather proof power outlets/switches in a shed.

4. Surface or Flush Mounted Switchboard DB’s
No matter where your switchboard is located, it makes sense to install a model that is as compact and unobtrusive as possible.

5. Outdoor Motion Detector
Not only is the motion detector a great form of security, but it will also safely light your path to the garage or shed and turn lights off after a preset length of time.

6. Earth Leakage protected power outlets
Protect yourself and your family from faulty appliances or power tools with an Earth Leakage unit in the DB Board.

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**Essential Extras**

**Irrigation Control**
A C-Bus extra low voltage relay can provide seamless and convenient control of an irrigation system from C-Bus wall switches and touch screens. To find out more about C-Bus see page 38.

**Ceiling Mounted Exhaust Fan**
Remove odours and fumes from the work area and bring fresh air into your shed or garage.

**Safe portable power**
With so much electrical gear in the garage, safeguarding yourself and your family from electrocution goes without saying.

**Telephone/Data Sockets**
Check out the latest sport updates or visit the best Internet DIY sites while you’re out in the shed.

**Two/Three Gang outlet**
The modern garage or shed can never have too many power outlets.
Today, our outdoor areas are more like an extension of the home and often used for entertaining and relaxing.

To make this space functional and practical, some of your needs may include outdoor audio, ceiling fans, weatherproof switches and outdoor lighting.
Outdoors

1. Weatherproof power outlets
Avoid running extension leads through doorways and install a weatherproof power outlet in your outdoor area.

2. Infrascan outdoor Motion Sensors with Integrated Lamp
Perfect for your outdoor areas, a sensor with integrated lamp will conveniently activate lighting, which is ideal for when your hands are full.

3. Weather proof isolators
Water resistant isolator is perfect to isolate your patio fridge, lights, sweepfans or water feature.

4. C-Bus
Use lighting control to create the mood. Set scenes and incorporate the control of AV equipment with C-Bus.

5. Ceiling Sweep Fan
During those hot South African summers stay cool in your outdoor area with a ceiling sweep fan. With the added convenience of a remote control, you’ll never have to get out of your chair to operate the fan.

6. Security Camera
Protect your home from intruders or keep an eye on the kids while they’re playing in the pool.

7. Multi-room audio
Forget dragging out a portable stereo! Outdoor audio is fantastic for entertaining and listening to music outside. With C-Bus Multi-Room Audio, you have complete control of music from an iPhone, laptop, touch screen or DLT wall switch see page 46.

Essential Extras

Weatherproof Switches
Weatherproof switches provide superior protection from rain and dust.

Timer Switches
Pool and spa timer switches offer energy savings throughout the year. They can be easily programmed for the seasons, around the frequency of use. So, your pool or spa pump operates less in winter and more in summer.
Break-ins, house fires, electrical accidents. When planning to build or renovate your home, safety is one area that must not be compromised.

Schneider Electric’s comprehensive range of safety products include everything from smoke alarms and Safety Switches, through to surge protected power outlets just to name a few. Installing these products will mean you can sleep better at night, knowing you and your family are protected.
Safety

1. Surge protector
Caused by accidents or electrical storms, surges often damage expensive electronic circuitry in equipment such as televisions and computers. Individual surge protected power outlets are available to separately control devices. However to protect every power point in your home against surges ask your electrician for a switchboard-mounted option.

2. Earth Leakage protection
There is no better protection than the famous Schneider Electric Safety Switch; an innovation that has been saving lives since the 70’s. Schneider Electric’s well-known switchboard version offers protection to every power point in the home. Although compulsory when a new home is built, it pays to check if your existing home has one installed.

3. Smoke alarms lighting control CBUS
Correctly located, Schneider Electric smoke alarms give early warning of fire and provide you with time to safely escape before the house fills with toxic smoke.

Essential Extras
Surveillance Camera
Helps to scare off potential burglars, as well as keeping an extra eye on the kids. Perfect for watching them playing in the pool when you can’t leave the living room or observe your baby asleep whilst entertaining. Whatever the application, for peace of mind make sure your home has a Schneider Electric Surveillance Camera.
Energy solutions, from switch to switchboard.

There are many ways to reduce power consumption around the home, and with Schneider Electric’s range of energy efficient products, it’s easy! Make the most of your energy and save money on electrical bills, without compromising your lifestyle or the look of your home.
Energy Solutions for Every Home

1. C-Bus Current measuring unit (CMU)
Maximising energy use in a C-Bus installation by trending of power consumption, reviewing energy consumption information by hour, day, week or month coupled with load shedding capabilities.

2. Energy Consumption Monitor
Schneider Electric’s Energy Consumption Monitor displays time, date; and has a peak power limit alarm function that alerts you when your power limit is reached.

3. Dimmers
Lights dimmed at half brightness reduce power consumption by almost 50% - it’s that simple!

4. Timer Switches
Schneider Electric’s timer switches provide exact control of services and are ideal for use with exhaust fans, pantry lights, garage lighting and heaters.

5. Ceiling Sweep Fans
Ceiling fans are a great way to save energy, by circulating cool air in the summer and warm air in the winter.

6. Exhaust Fans
Schneider Electric's exhaust fans are fitted with an innovative back-draught shutter, which closes automatically when not in use. This prevents air escaping or leaving your home, and will reduce energy bills.

7. Passive Infrared Sensor
Passive infrared sensors give you the convenience of turning lights on and off when you enter an area and sense when you leave. You’ll save energy by never leaving the lights on again.

8. Solar solutions
Schneider solutions for residential and commercial installations are specially designed by keeping your needs in mind. Our balance-of-system solutions include everything you need to efficiently distribute and manage locally generated solar energy, from the DC output to the AC grid connection.
Interior Styling and Colour Selection

Not sure of the difference between interior design or decorating, or where to start with the colour selection process on your project?
Contact an interior designer or follow these basic steps.

Create a colour scheme, develop a materials board
The ultimate goal of interior design is to unite all the components of a room to create harmony. Balance is achieved through careful selection of colours, textures and features. The aim of the materials board is to help visualise the finished space.

Create Harmony and Balance
Harmony and balance are achieved when the visual weight is distributed as evenly as possible. Develop a materials board by mixing and matching your colour samples. Many start this process with a floor tile sample, a piece you select is the building block for the scheme. Start with harmonious colours, shapes and elements and then consider adding texture piece by piece.

Create a Focal point
Every room should have one element that acts as a focal point to draw your eye as you enter. For example, key pieces of furniture, a feature wall, or architectural detail.
For the kitchen it could be the bench top or the splashback. All other elements of design, colour and texture that are selected interact with this focal point – when adding extra elements keep the focus on balance with the focal point.

Function
It is helpful to include other items that will form part of the scheme. Add illustrations such as switches and ceiling fans to your scheme to get a better understanding of how the colour and functional benefits will interact in the space. Don’t forget to consider how interior, ambient or natural lighting can be incorporated to highlight the visual and functional living needs.
If developing schemes for the whole house then label each materials board with its room title. Tip: start with the core scheme and finalise it before developing the rest.

When your materials board is complete, you will be surprised at how well it represents the finished scheme - your unique set of colours, textural contrasts and array of patterns all working together. Any imbalances - too dark, too neutral, too many shiny surfaces or not enough texture should show on your board.

By taking the time now to correctly choose the right colours for your home and personality, means you will have a home or space that you truly love. Test the colour scheme with friends or family and modify it as required at this stage of the process. Changes after your building or renovation has started can be quite costly. Enjoy designing!

This is the fun part of the building process where you combine all your thoughts and ideas to what your home will look like.

- Collect as many samples as possible.
- Don’t discount options until you see them next to other elements as you are building your theme.
- Add your personality to your home.
- Choose a base colour and work from there.
- Accents of blue create a calming element to the space.
- Black and white used together in contrast can create quite a striking contemporary look.
- Neutral tones are classic and make your design timeless.

Don’t forget to consider your switches. Schneider Electric have an extensive range of options to choose from to suit and enhance every space.
Suit your home. Suite your style. Suit yourself.
The 2000 Series is Schneider Electric South Africa’s biggest selling switch. Manufactured in high gloss, impact resistant material, the 2000 Series incorporates surrounds that simply clip on and are totally interchangeable.

The surrounds can be easily removed to enable painting or papering right up to the edge. This makes decorating a breeze, as you don’t need to fuss over painting too close to the edges.

Available in:  
100 x 50mm (4X2)  
100 x 100mm (4x4)
Zencelo

Be instanding
The Full-Flat form factor has redefined many facets in life. Aeroplane seats, TVs, Mobile phones, Electric stores and now switches.

Aesthetically pleasing flat switches are available, but only exclusive to luxurious electronic switches and lighting automation systems. The ZENcelo Full-Flat switch has been created for those who prefer electro-mechanical switches. Even on switches you never imagined can be Full-Flat.

With ZENcelo, luxury is no longer defined by price, but by wisdom and style.

Available in:

- 100 X 50mm (4x2)
- 100 x 100mm (4x4)
The modular solution

The stylish S3000 Series is designed using a modular format, giving more flexibility to suit any decor. The fascias are available in six colours and when combined with either black or white switch modules, there is a look to suit your style. Truly compatible with contemporary living, this stunning range comes with large switches and easy to view indicators, offering a minimalist look.

The large soft resistance switch mechanisms also provide easy operation and practical functionality, allowing an adaptable, accessible and secure solution for users with different levels of mobility.

Available in:  
100 X 50mm (4X2)  
100 x 100mm (4x4)
ULTI

A beautiful face that endears and endures
With its ultra-clean lines, sleekly chic square profile and instantly identifiable round dolly, ULTI blends two contrasting geometries to create modern simplicity of unprecedented freshness. The design overcomes the clutter of a large central mechanism or the redundant lines of a surround frame. It results in maximum scope to showcase the synergy of color, material and finish in a standard-sized wall plate. Adding the final touch, ring-shaped LED locators glow pleasingly to guide you to your switch at night.

Available in: 75 x 75mm

AVAILABLE COLOURS
Pearl White (XPW)
Brushed Silver (XBS)
Champagne Gold (XCG)
Silver Hairline Mirror (302)
Your home, smart home, smart living

Your home is about living. With a C-Bus automation system your house can become a smart home, providing an enhanced lifestyle of entertainment, convenience, comfort and security.

Imagine pressing a ‘welcome home’ button on a remote control as you pull into your driveway and having your pathway, front porch and hallway lights turn on. Your air-conditioner begins to warm or cool your living room, and your favourite music starts playing throughout your house. That’s a smart home!

And that’s just the beginning, imagine a ‘goodnight’ button that turns everything off when you go to bed, and a ‘watch DVD’ button that activates your home cinema and dims your lights when you watch a movie. That’s smart living!

The best news is you can have it. Whether you are building or want to enhance your existing home, with C-Bus, anyone can enjoy the benefits of a smart home. You can even start small and add to the system as your lifestyle changes.

For more information, see page 42 - 59.
Air Movement & Ceiling Fan

A refreshing choice
Schneider Electric’s stylish range of super quiet ceiling sweep fans are a great way to circulate air throughout your home. Ceiling sweep fans will keep you cool in summer and circulate warm air in the winter, saving you substantially on expensive heating and air conditioning bills.

They are also just as effective outdoors in areas such as verandas and pergolas to keep you cool on hot days and balmy nights. Schneider Electric ceiling fans are available in white with inbuilt lighting options.

AVAILABLE COLOURS

- White (WE)
Sensors

Perfect for people with only two hands

Leveraging state-of-the-art infra red, ultrasonic or Dual Technologies, our ultra-sensitive occupancy sensors offer you the ultimate in reliable, efficient and cost-effective indoor lighting control.
What is a smart home?

The idea of having a smart home is exciting, but what does it mean? Put simply it is about enhancing your everyday lifestyle. It doesn’t have to be hard, complicated, or even expensive; it’s just a matter of prioritising what’s important to you and knowing what you want most from your home.

Schneider Electric’s “smart home” solutions give you several options when it comes to technology. Here we breakdown the different ways you can add a “smart” element to your home - first it pays to ask; “What do I want to achieve from my smart home?”

Home networking
Home networking, often referred to as “smart wiring”, is the cabling infrastructure that delivers your internet, free-to-air TV, pay TV, DVDs and telephone throughout your home. We live in a demanding world packed full of information, entertainment and communication; all of which plays a vital role in our busy day-to-day lives. Home networking ensures that all of these technologies can be utilised right throughout the home, therefore maximising the potential and value of this feature rich content.

Multi-room audio
Multi-room audio is a system that simply allows each music location (music zone) to have its own local source, allowing for different music in separate rooms - just plug in your iPod or computer and away you go.

C-Bus Home Control
C-Bus home control, as the name suggests, is about automating commands within the home. For some it may be something as simple as automatically controlling a few lights. For others, security may be the central application. Still others may choose to install advanced controllers. But by basic definition, we tend to refer to home control as anything that gives you remote or automatic control of devices around the home.

Home Gateway – Wiser™ Home Control
Wiser Home Control is the latest home gateway product to join the Schneider Electric C-Bus range of home control products. It brings a whole new level of functionality and connectivity throughout the home by bringing together electrical, multi-media and telecommunication technologies into a single user friendly device such as an iPhone, Android or laptop, to create the ultimate smart home.

Imagine having the ability to receive an email or SMS if an intrusion is detected in your home, so you can check your security camera immediately? The home gateway is a device that manages equipment across multiple technologies, even beyond the home environment. Providing you with a wealth of feature-rich benefits, such as the ability to turn on lights and check web cameras via your TV, a secure mobile phone or Internet browser.
Look. Touch. Feel…
Experience Schneider Electric’s fantastic range of products on our website. Come visit us and see how we can turn your house into a home.
www.schneider-electric.co.za
Benefits of a smart home?

One of the challenges of installing a smart home system is balancing the complexity against the usability of the system. There are many added benefits that home networking and home control can bring to your new, or existing home.
Aesthetics
This might seem like the most obvious answer, but one of the many reasons that people want a smart home, is because it adds the “wow factor”. Smart homes have a completely polished appearance because of the clever use of touch screens and remotes used to control blinds, lights, audio equipment, etc.

More often than not smart homes also offer the advantage of having cabling pre-wired into the wall cavity. Let’s face it, there’s nothing that can ruin the look of a home cinema more than that of messy cables running from behind the plasma screen and down the wall to the AV equipment.

Convenience
Smart homes come with the ability to make life easier and more convenient. And in a world that is so demanding on our time, who wouldn’t love being able to control lighting, entertainment and temperature from their couch? What about automatic timers and sensors, so that as soon as you leave the room the lights switch off?

On the extreme end of the scale, home control is as simple as presetting scenes to suit your lifestyle. For example, if you love hosting dinner parties, why not configure a “dinner party” setting into your touchscreen, so that at the press of a button the lights dim, the music fades, the curtains close and the temperature is just right.

Added Security
Home control can also provide peace of mind. Whether you’re at work or away on holiday, the smart home will alert you to what’s going on with your home security. Your security system can also be built to provide an immense amount of help in an emergency. For example, not only would a resident be woken with notification of a fire alarm, the smart home would also unlock doors, dial the fire department and illuminate the path to safety.

Future-proof
Future-proofing adds value to your property - with rising energy costs, future-proofing your home for energy efficiency makes good financial sense. Ask yourself, “Wouldn’t it be nice to move into my new home and have perfect picture quality in every room from day one?” Or, let the kids have their own phone in each bedroom.

By having your digital cabling installed during the building process, it allows you to move in and start enjoying the full benefits of your TV, Internet and phone being completely accessible straight away. No mess, no fuss and no need to organise another contractor to come in later when you’re already settled. When installing your TV’s cabling take the initiative to include a high quality digital ready antenna. Not only can you enjoy perfect reception immediately, but you can also avoid the hassle of having to re-cable later on.
Multi-room audio

Multi-room audio allows you to listen to your favorite music in any part of the home. Simply connect equipment such as an iPod or MP3 player to the system and distribute the audio to the desired area of your home.

Audio throughout the home
Each music location (music zone) can also have its own local source, such as a CD player, so everyone can listen to their favorite music in separate rooms without affecting the rest of the family.

For example, you can listen to music outdoors on the patio while you are having a barbeque and entertaining friends. And should the kids want to listen to their favorite music at the same time, they simply plug their iPod into the local connection in their room.

The simplicity of the system allows anyone to use it - from the novice to the most technically minded person.

An affordable audio solution
Schneider Electric has a Multi-Room Audio solution to suit every budget, home and lifestyle. Starting with the affordable Schneider Electric Audio Solution, which gives you a multi-zone system with multi-source inputs and handy remote controls, through to a fully featured system incorporating C-Bus Multi-Room Audio with touch screen or DLT wall switch controls.

C-Bus® Multi-room audio
If you're including C-Bus in your home, then the C-Bus Multi-Room Audio system is an absolute must. From a single zone on the back patio to a complete multi-room, multi-source system that's completely scaleable. This elegant solution provides total control of music from anywhere in the home and can be controlled by the same wall switches, touch screens or remotes that control your lights, security system, etc. The C-Bus system also allows you to change radio stations, skip CD tracks or change songs streamed from your computer meaning you don't have to get up and change rooms whenever you want to change music.

1. Flush mount speakers - rectangular
2. Flush mount speakers - circular
3. Outdoor / shelf-top speakers
Schneider Electric Home Control

Your home is about living, and with a Schneider Electric C-Bus Home Control system, it can be about living with ease - providing an enhanced lifestyle that is convenient, more secure and energy efficient.

Control at the touch of a button
C-Bus is the brains behind a quality smart home. The level of convenience and control is hard to imagine until you have experienced the ultimate in home lifestyle benefits for yourself. Picture yourself pressing a “welcome home” button on a remote control as you pull into your driveway and having your pathway, front porch and hallway lights turn on, your air conditioner begins to warm or cool your living room and your favourite music starts playing throughout your home. Control your home theatre at the touch of a button, water your garden from the comfort of your lounge chair.

C-Bus enables users to set personalised scenes and modes, such as a “goodnight” button that turns everything off when you go to bed, and a “watch DVD” button that activates your home cinema and dims your lights when you watch a movie. Press a “goodbye” button upon leaving your home, and you can be rest assured that all power is “off” and your alarm is armed. With C-Bus, you can start small and add to the system as your lifestyle changes.

Home control that makes sense
With so many advanced features, the Schneider Electric C-Bus Home Control system allows people to take complete control of their lighting and electrical devices, and as a result, significantly reduce their energy consumption around the home. Individually programmed to suit your home, routine and lifestyle, the C-Bus Home Control system can be used to control vacancy by turning off or dimming lights in the home that are not required as well as being used to control the temperature so your home doesn’t get too hot or too cold.

C-Bus can be programmed to control curtains and blinds, opening and closing them when required to eliminate heat transfer and the need for extra lighting when natural light is sufficient. A master control setting can also be programmed so that at the push of a button, all lights and electrical devices can be switched off, eliminating the use of standby power.

Add a touch of style to your home
The range of switches that are able to be used within the C-Bus system is extensive. Go beyond a simple wall switch with the popular DLT wall switch, available in a number of colours and finishes, this intuitive switch can be digitally labelled for each button’s purpose, and can control all the electrical elements of an area from one central location.

Stylish, touch sensitive LCD screens are another option available, that replace the need to have multiple wall switches and add enviable style and functionality to any home. Touch screens can control your entire home’s lighting, home theatre, air conditioning, security, watering system and almost anything else you can imagine. It can also be personalised with your own photographs or graphics and perform a huge range of programmable functions, all with the touch of a finger.
Wiser Home Control is the latest product to join the Schneider Electric C-Bus family, bringing a whole new level of functionality and connectivity throughout the home.

Wiser makes accessing and using the technology in your home easier and more convenient by providing seamless control of music, air conditioning, lighting, sprinkler systems, security and more – allowing you to monitor and control all of this from a mobile device or laptop!

Wiser is an affordable addition for anyone considering a home control system. Whether it’s a simple entry-level system, to a full-blown high-end system, Wiser offers a whole new level of convenience and functionality for any lifestyle. However, it is far more than just bringing out the best in your C-Bus system; with Wiser all of your technology will be easier to use, which means you’ll use it more often!

How does Wiser home control make life simpler?
Wiser provides consistent and intuitive control for everything you want to control. You get the same look and feel on every device, any time, anywhere; from a home computer or even a mobile device. Lights are operated with a light bulb icon, music by a speaker icon and irrigation by a tap icon. You can turn on your air conditioner from your mobile phone on the way home, or check everything is turned off over the Internet when you get to work. But it’s not just about controlling it… with Wiser, your home can make things happen automatically according to your lifestyle and routine.
The core of a Wiser home

Windows and blinds
Motorised windows, blinds and curtain dressings are incredibly practical. Most importantly though, they improve living environments by automatically adjusting according to the surroundings, so you will always be living with the perfect amount of ambient light, airflow, and temperature.

Media centre
Eliminate the need to store videos, music and digital photos onto hundreds of disks. Media centres are a new addition to the home, whereby they provide a central location for the storage and playback of any type of digital information, ultimately supplying glitch-free media anywhere in the home through home networking.

Air conditioning
Integrating air conditioning into a home control system using schedules and sensors will operate far more efficiently, saving you money on power bills. Including automatic opening and closing of your windows and blinds, will further reduce your home’s thermal transfer.

Lighting control
Lighting control is a fundamental part of any home control system, providing user-friendly, convenient benefits, such as a “welcome home” button that can be operated from your car, turning on garage, pathway and hallway lights. There are also many energy saving benefits to be gained from lighting control systems including utilising sensors and timers to turn off lights automatically, and dimmers to reduce the amount of power consumed.

Multi-room audio
A Multi-Room Audio system allows you to listen to music throughout your home, without the need for big, bulky speakers and electronic components. It also gives you choice of either the same music or various sources in different rooms.

Irrigation
Automated irrigation reduces water wastage far beyond that of a standalone irrigation system. Efficiencies can also be further maximised by considering daytime temperature, rainfall, wind speed, and ground moisture, all conveniently monitored and controlled.

Home theatre
Simplify the operation of your home theatre or entertainment system and replace multiple remote controls with a universal remote. Furthermore, integrated into a home control system a universal remote can also activate the room’s lighting and curtains.

Home security
A security system integrated into a smart home provides far greater security benefits, including turning on lights as a deterrent and alerting you via your email or SMS if there is an intrusion. You can even view cameras from your mobile phone. C-Bus Wiser Home Control can easily arm and disarm security, which can then also control devices such as your lighting, curtains and air conditioner.
Colour Touch Screens 6.4”

Red, blue and green with envy

The C-Touch™ Colour Touch Screen is the latest in C-Bus wall mounted LCD screens. The stylish touch screen can display pages of graphical items. Buttons, sliders and images all perform programmable functions, simply at the touch of your finger.

Control your entire home’s lighting, home theatre, air conditioning, security, watering system and almost anything you can imagine. A C-Touch Colour Touch Screen can replace large, multiple wall switches to add a touch of enviable style to any home.

You can even personalise the screen with your own colour scheme, photographs or screensavers. So no matter how often you change your décor, your C-Touch Colour Touch Screen can change with you.

Measurements: 116mm H x 76mm W x 13mm D.
COLOUR and B&W Touch Screen

In touch with control

C-Touch Spectrum Colour Touch screens and Black and White MKII Touch Screens provide total control of your entire system - making them perfect for main living areas, entrance halls or home theatres.

The large graphical interface can be customised to suit your needs. Available in a range of styles and colours the C-Touch Spectrum Colour Touch screens and Black and White MKII Touch Screens have the option of a freestanding swivel base, which is ideal for kitchen benches and bedside tables.

AVAILABLE COLOURS

- Saturn Stainless Steel (BS)
- Saturn Pure White (PW)
- Saturn White (GF)
- Saturn Cream (CM)
- Saturn Black (BK)
- Saturn Mid-Brown (7)
- Neo Battleship Grey (GB)
- Neo White/Brushed Alum. (28)
- Neo White (WE)
- Neo Black (BK)
- Standard/Desktop White (WE)
- Standard/Desktop Cream (CM)
- Standard/Desktop Black (BK)
EDLT™ Wall Switches

Customise your wall switch

One of the biggest problems people find with home control is the difficulty in remembering which buttons do what. Schneider Electric have now solved that problem with user friendly Electronic Dynamic Labelling Technology™ (EDLT).

Schneider Electric’s EDLT allows the buttons to be electronically labelled according to your needs. The units have eight function buttons over two pages, a backlight for easy viewing, and support up to eight languages.
Saturn™ Wall Switches

Beautifully crafted in pure glass

The C-Bus Saturn range boasts a luxurious glass face and distinctive illuminated round buttons. It is arguably the most beautiful switch range available. The pure glass finish is not only stylish but is durable and easy to clean. But if you prefer a metal finish, it’s also available with a stainless steel face.

It is fully programmable and can go beyond simple on/off functions, delivering unlimited dimming, switching and other control functions as part of a C-Bus home control system.

AVAILABLE COLOURS

- White (GF)
- Black (880)
NEO® Wall Switches

Face the future
Neo is a smart C-Bus wall switch featuring sleek lines and distinctive styling. Neo provides an alternative to the standard look of electrical wall switches. The large rocker covers blend beautifully into the fascia. Neo wall switches are fully programmable offering many control functions as part of a C-Bus home control system.
Limestone walls and ocean views

Described as a contemporary Beach House, this modern two-storey residence includes a complete C-Bus Home Control solution from Schneider Electric.

At the residence there are 120 sets of electric blinds, 60 electronic windows and seven retractable roofs, which are easily controlled through the C-Bus home control system. “The clients wanted to keep their control simple. Controlling the windows and blinds in groups, and being able to bring out the roofs with the touch of a button are automation options which save the client a lot of time and hassle.” The blinds and windows can also be controlled individually via C-Bus Wiser on the client’s computer or smart phone.

Retractable roofs attached to the home to provide shade in the courtyard area. The retractable roofs are controlled via the C-Bus control, which allows the client to easily manoeuvre them in accordance with the weather. The lighting control also plays a role in highlighting architecturally significant areas of the home. At night, halogen spotlights bathe the limestone walls in a warming glow, on the deck, lights are positioned to shine up the limestone columns and within the swimming pool, LEDs are positioned to shine beams of light through the water.
Lighting is something which has to be thought about during the design process. It needs to be catered for right from the start, rather than being an incidental occurrence at the end of the build process.

Alongside the lighting requirements, the placement of A/V technology was planned for during the initial design stages. This is most evident in the courtyard area where a 65-inch plasma screen has been installed into a position where it can be retracted into the roof space when not in use. The C-Bus home control system was integrated into the home by a Schneider Electric Certified C-Bus Installer and the extensive automation in the home required two C-Bus networks.

We like to work on a ‘one button lifestyle’ option for our clients. This means that the client can come home, press a button on a key fob and open their garage door, turn on welcoming lights, open their blinds and turn on their gas fireplace.

A second button has been programmed to turn everything off when the client leaves the house. Electric blinds are hidden above all the windows, and can be activated as a group via the C-Bus Saturn DLTs. Electronic windows installed in the home can also be operated as a group via the C-Bus system.

For outdoor entertaining, an Entertainment Scene has been programmed into the C-Bus DLT to turn on decking, wall and swimming pool lights to create a party atmosphere. Goodnight Scenes have been separately programmed into each of the C-Bus Saturn DLTs situated in the four bedrooms. This allows guests and the homeowners to turn off lights, televisions and close blinds in their sleeping area when it suits them.

Motion sensors are installed in each of the walk in robes and special purpose lamp points have been installed alongside the beds to allow lamp light dimming through the C-Bus system.

The master bedroom is positioned on the second storey of the home, overlooking the beach frontage. A motion sensor is located on the threshold of this area, which turns on the lights to allow safe passage down the hall, through to the bedroom. The large walk in robe, located on the left hand side of the hallway, has a motion sensor, which detects when people are in the area and turns on the lights accordingly. The mirrors in the bathrooms, controlled through C-Bus logic, have demisters set in them to maintain a clear view.

The stairs, constructed of Spotted Gum Timber, have halogen lights recessed into their sides. This lighting has been programmed using the Schneider Electric Colour Touch Screen to turn on at a low level one hour before sunset and to turn off one hour after sunrise.

A Panic Mode Scene has been programmed into the C-Bus DLT. When this is activated, all the lights turn on and the external camera views are brought up onto the plasma screens throughout the house.

In areas where Saturn DLTs are not required, Schneider Electric Saturn Switches have been used. Schneider Electric S3000 power points have also been used throughout the home. A Schneider Electric C-Bus Colour Touch Screen is located in the garage where the integrator can store and access C-Bus Scenes. The A/V control boards are also located in this area. Sitting behind this case is a series of Schneider Electric Power Points, which have been programmed into the C-Bus system. All lights in the house can be dimmed using the C-Bus DLT Switches, and memory dimmers have been installed so that when the lights are turned back on they come back at their last known level.

DSI Dimmable fluorescent lights have been installed in the dining area, and gas fireplaces, operated via the C-Bus system, are located in the lounge/dining area, the library and the master bedroom. The electronic windows run off four power supplies, and to save power, these power supplies are turned off when the client is not home.

A system has been created where the client does not have to worry about checking the mundane things. The automation here saves the clients a vast amount of time, because they do not have to go around the home opening and closing curtains and windows to prepare it for times when they going out, or when they have guests over. It also gives the clients peace of mind that when they leave their home it will be properly secured.