Real Results

We know how important your clients are. Our goal is to deliver you a system that seemlessly blends into your surroundings. Our mission is to provide:

A system requiring zero interaction

Seemless integration

Easy upgrades

Comprehensive Support and analytics

We will be the technology partner you can count on. We will work with you to deliver the system you require.

Get started with OneSwitch today

Who we are

OneSwitch is the brainchild of Dr. Sean Gordon, an Oxford university graduate and EPFL scientist who realised that state tracking and data control are now easily available. Combining open source projects and new to market microcontrollers the perfect IOT system for control and automation was born. Together with Yann Gemmet the founder of the Helvetic Vision Media company whose business expertise made OneSwitch possible, we aim to improve the quality of life of everyone in Switzerland through automating away mundane tasks and making the environment work for them.

Yann Gemmet, CEO Helvetic Vision Media company:
Yann is a Swiss national who has successfully built and run the HVM company. His clients include Nissan, BMW and PMI.

Dr. Sean Gordon, CTO Helvetic Vision Media company:
Sean is a British national domiciled in Switzerland and is the founder of OneSwitch and leads technical development and integration operations.

Contact us

OneSwitch is a brand of the Helvetic Vision Media Company. Visit us at our office in Prilly for live demonstrations and to discuss your project.

email: info@oneswit.ch

phone: 027 746 52 44

address: Route de Cossonay 100, 1008 Prilly

OneSwitch
Bespoke Smart systems

We all use systems every day. We believe that you should control systems rather than systems controlling you. Our systems are designed to be flexible, secure and invisible. We build systems that make your environment work for you.

Stunningly Beautiful Design

Because you deserve a beautiful environment. Our sensors and interfaces are beautiful and functional. They can be tailored to you.

A system that Works for You

Our smart technologies ensure the best user experience. We believe that a smart system shoud simply disappear into your environment so you can forget that it is even there.

Infinite Possibilities Using Practical Solutions

Working together we can innovate, design and build an environmental solution that works for you to make your home provide you with additional comforts without your interaction.

Get your world Connected
Get Started with OneSwitch Today

Smart solutions for a better home

A smart system is a set of connected devices made up of sensors, controls and actuators all interfaced to a centrally controlled state-machine. The state-machine analyses the real time change in the attached sensors and actuators and performs functions so the users can enjoy an optimised environment with little to no interaction.

More than just a supplier...

Design

Integration

Customisation

3rd Party Integration

Extensible systems

Security Compliance

OneSwitch Smart Systems

Smart solutions suited to your needs

A simple approach
We design and build the smart system around your existing designs. The programming, interfacing and testing is done in the factory and the components are installed during the normal electrical installation with our engineers on site to supervise.

We use sensor fusion to smarten the system
Our innovation is the state machine. Our sensors and software are fully compatible with the multitude of smart devices available today. The controller can monitor the time evolution of the states in the system and take action based on its big picture view. For example, if the air quality becomes too low windows could be opened, but only if the house is occupied otherwise the dehumidifiers are activated instead.

Fully integrated and expandable smart system
Our smart system is designed to contain as many application interfaces as possible and is fully compatible with Google home, Alexa, IFTTT, Zigbee, MagicHome, Hue and a plethora of other services. This ensures that extensibility is always an option. Additionally, our engineers can interface devices that do not tradionally offer smart interfaces such as switchable glass and and jacuzzis...

Get Extensible
Extensions are what enable you the flexibility to amaze

Sensors	Actuators	State Control
Sensors detect changes in the environment such as movement, temperature and light	Actuators control devices such as smartglass, blinds, locks and valves	State history allows the system to understand your workflow delivering the perfect environment

Switches	Durability	Support
Made with proven durable components, silent MOSFET switches deliver power to your devices	Our eview, review, review mantra has lead us to develop security and durability into our systems from the very first line of code	If tOur engineers and programmers are ready to support you in the design and implementation of the system

Anything You Can Think Of
Together Let's Think of Innovative Ideas and Execute Your Vision
Call: +41795067985

Our smart, simple approach

Case study: an apartment
Our Automations are at the heart of our system. The state controller has a memory and actions can be triggered based on current and historical conditions. For example, the heating can be reduced during the day if it is known the occupants will come home around 1730 Mon-Fri. Other examples of automations:

Ocupant returns home, controller toggles low level lighting if it is night, main lighting if it is twilight and does nothing if it is bright.
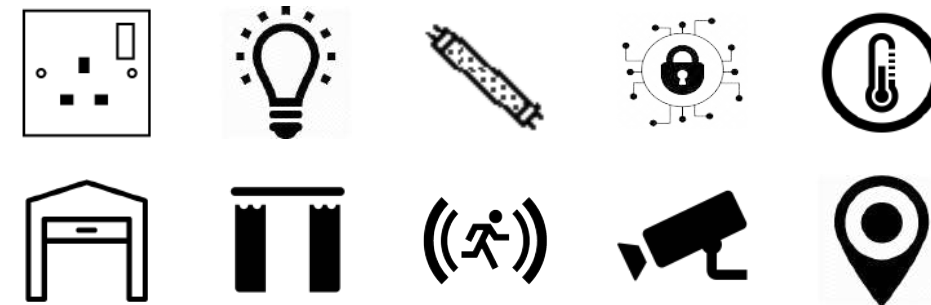
Shutters raise if it is morning and occupants leave the bedroom, kettle is boiled.

Garage door opens when occupant is detected arriving in viscinity.

Our solution mantra is that the eventual occupant is required to do zero configuration. The automations and states are seamless.

SensorFusion smartens the system

Adding more sensors increases the flexibility. We have many different kinds of sensors that can be integrated

A Central controller interfaces with sensors and actuators via WiFi The system is extensible with as many meshed wifi spots as nescessary for full coverage.

The sensors are built into the wall socket wells and can be located indoors or outdoors.

Extensions
- Compatible with ALexa
- Compatible with Google Home
- Compatible with almost all branded smart home appliances
- Can be configured to be internet accessible via two factor authentication

User Interface
Our solution is designed to work with any web browser, but also can be commanded by sms and popular instant messaging tools.

The internet of things is notoriously insecure. Unlike other vendors, we have considered **Security from inception**

Each of our products is tailored to ensure security and privacy. By default we use no internet facing or cloud facing components.

Your data is stored locally by the client and only you have access to it

We do not sell data.

We do not collect data.

We are a data soverignty company.

OneSwitch can install the hardware in a room in just a few hours. Each room can be installed 'plug and play' in a sequential fashion to ensure minimal disruption.
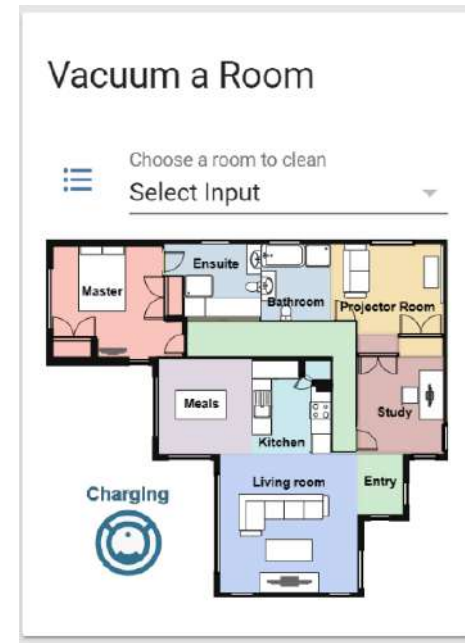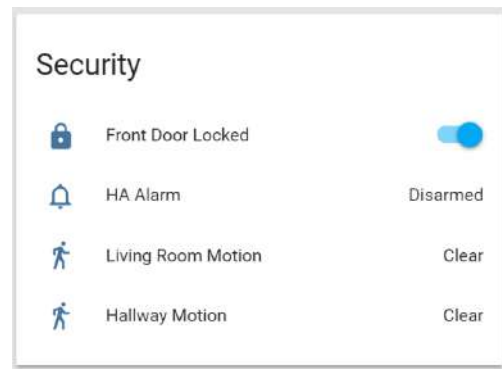
Fully Integrated smart system

Our integrated systems ensure your environment operates seamlessly.

Beautiful Design

A beautiful enclosed touch panel allows you to operate connected actuators such as lights and smart glass with a simple touch or gesture. The temperature setpoint can also be adjusted, blinds and doors opened closed or locked

Touch Panel can be configured with your personal branding to enhance the integration.

Vacuum a Room

Choose a room to clean
Select Input

Security

🔒	Front Door Locked	⬤
🔔	HA Alarm	Disarmed
🚶	Living Room Motion	Clear
🚶	Hallway Motion	Clear

Infinite possibilities, practical solutions

With an integrated smart system, the possibilities are endless. Integrate the room lighting system so when someone starts a presentation the lights dim. AC too loud? When the room is occupied turn it down unless the ambient temperature is too high.

The security system can disarm when your device is present or automatically arm when ytou leave. Blinds can be configured to open and close with the sun. Our smart switchable glass can make the windows opaque when the weather is bad and transparent when it is good.

Forget a light when you are in bed? Have the house turn off with the flick of a switch on your smartphone or by sending a message via your favourite chat application.

Sensor fusion with the right actuators allows the environment to adapt to you without your input. System flexibility allows us to design the functionality right into the property so your clients can have the benefit of simple and sublime automations without having to fiddle with buttons and switches.

Hardware Options

Lights, camera action!

Our hardware partners manufacture top quality hardware with water resistant tactile sensors. on switches, high definition mirrored glass on displays and the modern of microchip designs to ensure unparalleled reliability and continued performance. We can also retrofit existing switches to infuse smartness.
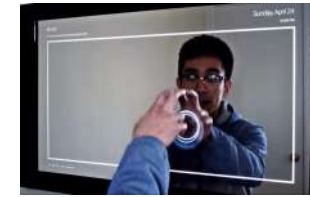
Smart switches

Smart lights
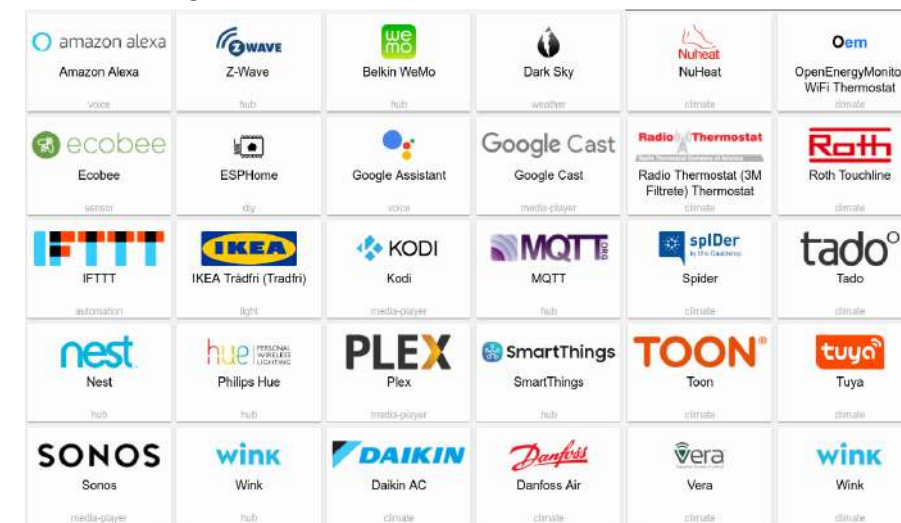
LEDs

Mirrored screens

Smart glass

Climate control

Unlimited extensibility

Adding devices increases the flexibility. We have integrated products from dozens of brands including (but not limited to) those below

amazon alexa — Amazon Alexa — voice	Z-Wave — hub	wemo — Belkin WeMo	Dark Sky — weather	NuHeat — climate	Oem — OpenEnergyMonitor WiFi Thermostat
ecobee — Ecobee — sensor	ESPHome — diy	Google Assistant — voice	Google Cast — media-player	Radio Thermostat (3M Filtrete) Thermostat	Roth — Roth Touchline — climate
IFTTT — automation	IKEA Trådfri (Tradfri) — light	KODI — Kodi — media-player	MQTT — MQTT	spIder — Spider — climate	tado — Tado — climate
nest — Nest — hub	hue — Philips Hue — light	PLEX — Plex — media-player	SmartThings — SmartThings — hub	TOON — Toon — climate	tuya — Tuya — climate
SONOS — Sonos — media-player	wink — Wink — hub	DAIKIN — Daikin AC — climate	Danfoss — Danfoss Air — climate	vera — Vera — climate	wink — Wink — climate

Extensions

- Compatible with ALexa
- Compatible with Google Home
- Compatible with almost all branded smart/iot appliances
- Can be configured to be accessible only via two factor authentication

User Interface

Our solution is designed to work with any web browser, both at the user side and the hotel side. No expensive software, no training nescessary.

The Way of OneSwitch

We use the reliable and time-tested PRINCE2 project management methodology for planning customer projects.

1. Needs Assessment and Planning

2. Design

3. Hardware development, Corporate branding, Images, and Media

4. Plugins and Hardware Extensions

5. Optimization and Testing

6. Development and Implementation

7. Integration and Continued Support

We're big fans of review/review/review. You are involved in every step of the process to make sure you get a system that works for you.

ONE SWIT.CH