

Who we are

SRW-Technologies is pushing the boundaries of people's assumptions about how power can be transmitted by bringing whole area wireless charging closer to a reality.

SRW-Technologies patented technology, for use at home and in the industrial arena, is constantly improving as our research and manufacturing partners further expand the products parameters.

Offering a truly wireless charging option, H.A.P.E.C.S™ (Home Automated Power Electrical Conveyance System) and A.P.E.C.S™ (Automated Power Electrical Conveyance System) use smart antenna technology to create a truly wireless charging system for use at Home and in Industry, making chargers and power cables a thing of the past and pushing the boundaries of home design, by taking away the need for power sockets.

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Wireless Charging Made a Reality.



14BSRW TECHNOLOGIES LIMITED

H.A.P.E.C.S™ & A.P.E.C.S™ Introduction



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Introducing H.A.P.E.C.S



H.A.P.E.C.S™
Home Automated Power Electrical
Conveyance System

Introducing A.P.E.C.S



A.P.E.C.S™
Automated Power Electrical Conveyance
System

Vision for the Future....



Taking wireless charging from idea to
implementation...

Leading the industry and working with class
leading manufacturers...

Technology of Tomorrow, Today.

Introducing H.A.P.E.C.S™

H.A.P.E.C.S™ has the ability to transform yours and your customers' business. By turning the power charging industry upside down and removing the need for wires and batteries, H.A.P.E.C.S™ breaks the mold on what many believed possible.

...turning the power charging industry upside down...

H.A.P.E.C.S™ can penetrate retail and industrial applications, ranging from consumer electronics to medical devices and it can bring together the IoT (Internet of Things) into one manageable resource whose true benefits and utility can come to light under one power system.

Consumers

As a consumer, more and more devices are coming to market that can be connected together via the Internet of Things. Be it smartphones, tablets, fridges and toasters there has never been so many 'Smart' devices that have needed to be powered and stay connected to each other. Imagine if you never had to plug any of your gadgets into a power supply, imagine your gadgets always being on, always available.

That is the power of H.A.P.E.C.S™.

Home Automated Power Electrical Conveyance System



H.A.P.E.C.S™ is revolutionizing the way we see smart devices and pushing the boundaries of precisely how smart they can be.

Wireless charging is the future...

Consumers

Bringing real world wireless charging to the consumer is what H.A.P.E.C.S™ is doing, right now through its partnerships with major electrical manufacturers.

By utilizing a unique, state of the art interpretation of a technology first introduced by Edison and Tesla over a century ago, H.A.P.E.C.S™ can deliver power within a 40 to 45ft radius, uninterrupted by static and moving objects in an intelligent and safe environment. If a device can receive Wi-Fi, the technology is already there for H.A.P.E.C.S™ to be incorporated.

With the size of the receiver being incredibly small, the ability to interweave H.A.P.E.C.S™ into everyday devices is one of the key characteristics of H.A.P.E.C.S and one of the main driving forces behind our research and design awards with some of the largest electronic manufacturers in the world.

H.A.P.E.C.S™ truly is re-engineering the world at home, from the inside out.

Introducing A.P.E.C.S™

Industrial Applications and More

The A.P.E.C.S™ application when presented to the manufacturing industry is truly unlimited. Whether it is used in the manufacturing process, inside the device or just used to track the end product there are hundreds if not thousands of opportunities to implement the technology for the betterment of production, innovation and management.

“Less maintenance and down time means more productivity and profitability”

Benefits to Manufacturers

Introducing A.P.E.C.S™ to the production cycle massively reduces maintenance of machinery and sensors that rely on separate or rechargeable power. The ability to place sensors in hard to access areas knowing that their lifecycle is not related to the battery charge is a huge advantage when designing new factories and implementing new production lines. Freeing up engineer's time, less maintenance and down time means more productivity and profitability.

At the other end of the spectrum, and another probable application will be warehouse management and shipping or logistics. Whilst many warehouses are automated or connected, they still require a human to take a handheld device around the location, accounting for the stock or packages and keeping track them.

Each of these handheld devices must be charged and even though then act of placing them at the end of a shift in the charging dock is hardly taxing, it does raise the question, would they be more efficient if they charged whilst being used. The answer is an obvious yes.

Think of how many devices Amazon must employ to keep track of its orders and shipments globally and you can see the scope of A.P.E.C.S™ in just one small case study.

We believe A.P.E.C.S™ can singlehandedly re-invent this segment of the market, freeing up valuable employee time and reducing costs associated with wasted time to devices running out of power or needing charging.

Healthcare Applications

Healthcare applications for A.P.E.C.S™ are huge. As with the industrial sector, Healthcare has a massive amount of equipment that require constant charge, with serious consequences for a device that may run out of power.

With A.P.E.C.S™, we will look to enhance the healthcare industries innovators with design awards which will truly push the boundaries of healthcare, allowing caregivers the ability to concentrate on giving care and not on maintenance of devices required to keep someone healthy.

Soon, power, or batteries, will not be a concern for medical device designers and this alone opens up an entire new world for medical equipment and what procedures or treatments can be carried out. Pacemakers no longer have a shelf life. Patients no longer have to be in hospital to be monitored effectively.

We believe the healthcare applications of A.P.E.C.S™ could truly be an industry game changer and this path is one that we are strongly pursuing with major innovators within the Healthcare sector.