NO MORE CABLE SPAGHETTI!

Without a doubt one of the most annoying nuisances for all of us who use computers (laptops and towers) is the endless spaghetti of cables needed to run these devices: to connect monitor to tower, power supplies, mice, webcams, external speakers and anything else you might want to use (then comes finding the correct port in which to insert the cable). First of all the manufacturers design these cables in lengths they deem the most practical….but to the user in many cases they are far too long. Then if you choose to connect to the internet with an Ethernet cable you have just added one more thing to trip over or to have the dog chew.

Well hold tight for a few more months as a solution is on the way. **INTEL,** the world's biggest semi-conductor producer, has developed a plan already in action for wireless PC systems. As innovators of processors (i.e. the PC´s brain), they have researched and tested for years to develop wireless capabilities and eliminate the need for any cables by the year 2016. The biggest stumbling block has been to coordinate the need to connect PC, peripherals and power supply - all wirelessly. **INTEL** has thus developed "***WiGig"***, a protocol that provides short-range docking for display and connectivity at a speed of up to 7 GBps. Via "***WiGig"*** screens and peripherals connect instantly when a tablet or laptop are within range, and conversely, disconnect when the tablet or laptop move away. The same system allows users to simultaneously project what is on their screen on to other screens – all wirelessly. They are banking on the fact that the consumer will already have a wireless mobile device handy, and judging by sales volumes, these types of devices are only on an upward slope.

To address the "power" need, **INTEL** is testing "***Rezence"*** (Alliance 4 Wireless Power group), a charging technology that uses magnetic resonance. This technology can be located beneath a surface (table, desk, counter) and its magnetic resonance can charge devices through wood up

to 2 inches thick. The added plus is that magnetic resonance chargers can charge more than one device at a time, i.e. a mobile phone, headset, tablet and laptop. The more forward-thinking manufacturers such as Lenovo, Asus, Toshiba, Fujitsu, Dell, Panasonic and Logitech are all involved in this collaborative work. Meanwhile, Apple has investigated this technology too with rumors that it may use this development for its ***iWatch***….let´s wait and see what develops.

This new platform named "***Skylake"*** is due for release in late 2015 and should be made available to the public by 2016. As innovators in the tech field, it is no surprise that **INTEL** has spearheaded wireless PC systems and wireless charging; they have probably heard worldwide cursing whenever this myriad of cabling confounds and angers us. Besides, it's messy…so we can´t wait for 2016 to roll around!