The Historical Past and Review of Smartphone Technologies by Tony Farinholt

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Smartphones today are becoming the dominant force in the cell phone marketplace. The open nature of the hardware and software phones used today makes for a lot of power, but also has issues with battery life and software. Even though it is not readily apparent, the incredible speed that these cell phones have in their battery powered form is nothing short of a modern day marvel. Understanding the evolution of these technologies and a little history is a good way to understand and know that the ultimate device is close.

The smartphones of yesterday were big and used lots of power. The most popular chips used had weak graphics and slow processing speed, but the large, power hungry screens were the main problem. Larger batteries had to be made to keep up with the demand, and they made the units even larger. The development of these devices was very slow, but their ability was good enough for most tasks people used them for. The launch of the iPhone started the arc that formed today's technologies, before the software and hardware both hindered each other's success.

The world's portable technology was forever changed by the iPhoneâ€™s extraordinary hardware and software. One of the major things was the progression of their System On a Chip (SOC), bringing an extremely powerful graphics card to the table. The past had a great deal of performance related issues, and the release of the iPhone and eventually Android put an end to the issues. The customer has many different devices and SOCs to pick from now that the world has seen the potential and many have been created.

The power behind these products is the main reason companies have had difficulty with battery life and performance. These SOCs have had troubles saving power given that they have to dynamically increase and decrease speed to balance power and battery life. The software designers for these pieces of software have to choose between making them use less power or be faster as if the processor does not ever lower its clock speeds. Tomorrowâ€™s Tegra 3 chipset comes with amazing amounts of extra power and a special low power companion core that can run at full speed and dynamically call on the other cores as required. This approach of power savings offers extremely high speeds and saves more power than today's chips.

The LTE radios are boosting the speed of Internet access for devices. These take more advantage of the high speed Cisco SFP transceiver modules used in data centers, since they frequently exceed the speeds of home cable Internet. Although the speed does not compare yet, LTE was created to evolve over time, and with the promise of future technologies, is likely to become a wireless replacement for SFP fiber modules.

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Tony Farinholt - About Author:
FluxLight was founded in 2003. Our focus has been on providing quality fiber optic interfaces, a titleSFP fiber modules SFP fiber modules, a titlecisco sfp transceiver modules Cisco SFP transceiver modules, and related products for local and wide area networking products. We stock optical transceivers from top vendors. FluxLight is convinced the path to success is through excellence and customer service. Our customers are our number one priority. We know you have

many choices of where to buy so we do our best to provide the best SFP and GBIC products, at the best prices with the best possible support.

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