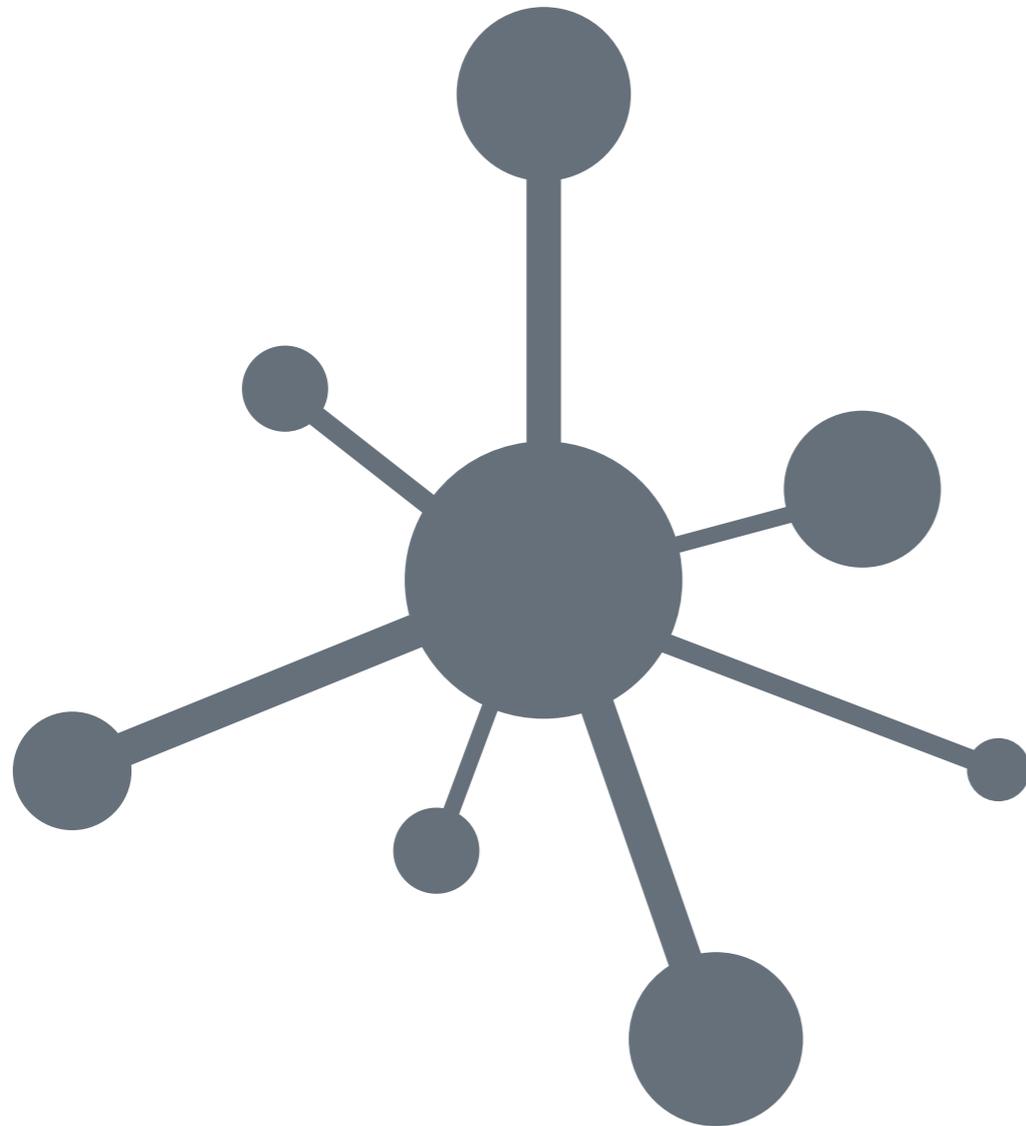


5 Embedded Trends for 2015



1 Connectivity



Every year we grow more and more connected to the world around us. Embedded technology places virtual command centers in the palms of our hands, allowing us to remotely control everything from our appliances to our automobile ignitions. In 2015, expect the Internet of Things to continue its expansion into uncharted territories.

As the Internet of Things expands, it will become even more critical for the user experience of these devices to be on point. Experts with a clear focus on ease of use and the tools to deliver usable, affordable graphical user interfaces will be paramount.





Cross-Functionality

Single-use devices like video cameras, personal alarm clocks and music players will vie for market share from multi-use devices. Exceptional niche products like GoPro will continue to thrive; less creative brands may have trouble competing with smartphones and tablets. Look for innovations that redefine capabilities of common single-use devices and reestablish their place in the market.



3

Wearable Tech



Though consumers have shown great interest in wearable technology, product designers and developers have experienced difficulty finding the proper balance of form, function and price to suit their needs. That will change in 2015. Look forward to seeing more smart watches, eyewear and fitness trackers – but be certain that product developers are finding new ways to deliver elegant design alongside technological innovation.

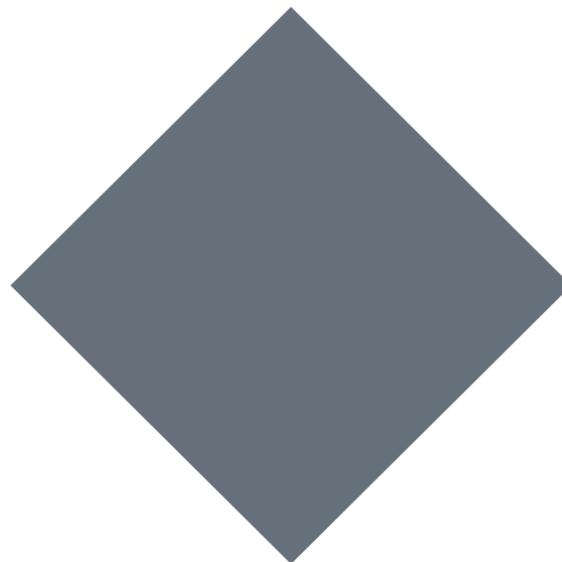
Additionally, as display technology becomes increasingly ubiquitous, expect the price points for these new, feature-rich, beautiful devices to go down as competition increases in the market.





Minimalism

As technology steadily advances, designers and developers will seek ways to counter that complexity with simplicity. The sum of a user's microinteractions quickly defines that individual device's brand and product perception. A focus on clean, uncomplicated design will enable users to perform complex tasks on their devices with unprecedented ease.



8 Cardinal Rules of Successful UI Design | Altia Blog

<http://www.altia.com/blog/2014/09/08/8-cardinal-rules-of-successful-ui-design/>



Proliferation



Embedded technology in 2015 will continue to amaze and inspire us – becoming increasingly prominent in all walks of life and accessible to the masses. Already commonplace in our vehicles, household appliances, even our fashion accessories, the tide of fresh ideas and applications is strong and will not stop anytime soon.

Displays will start to show up in new places – empowering users with the opportunity to interact with their devices in exciting and revolutionary ways. Furthermore, existing displays will get an overhaul as well. Single, multi-function displays may be split into multiple displays that offer more task- or system-specific interaction.

Expect the unexpected – and embrace this opportunity to explore the possibilities ahead.



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