

Nick's Corner



Future Business

PwC thinks you can't afford to ignore these 8 pieces of tech.

The accounting firm says it has identified the 'megatrends' businesses need to be prepared for.

by Jack Torrance

Keeping abreast of technological change isn't easy. From machine learning to self-driving cars, there's so much noise about every new innovation that it can be hard to separate the pie-in-the-sky thinking from the genuine game changers.

- 1. Drones** - We're still some way from seeing the sky filled with quadcopters dropping off parcels but clever people have found myriad uses for drones – from filming TV shows to inspecting hard-to-reach bits of oil rigs. And just this morning the UK government announced a partnership with Amazon to figure out how (if?) it can make drone delivery a reality.
- 2. AI** - Scientists have been trying to create and harness artificial intelligence for decades, but recent developments have made machines much smarter in a short space of time. Soon your production line, your car and your Spotify playlist could all be controlled by an intelligent machine.
- 3. Blockchain** - The digital currency Bitcoin remains a minority interest but there's much interest in the technology that underpins it, the blockchain. It's what's known as a 'distributed database', an electronic ledger whose contents is shared between many parties at once – making it harder to tamper with. According to the Wall Street Journal, more than 40 major financial institutions are experimenting with the technology.
- 4. Internet of things** - [From 'smart' wine bottles](#) to electric doorbells, there's seldom a consumer product that hasn't been hooked up to the burgeoning internet of things. While some of the applications might seem frivolous the shift could have big implications for business, not least with the so-called 'industrial internet of things' – think connected sensors monitoring everything from pollution levels to water leaks.
- 5. Robots** - Not a new concept but one that's picking up steam again thanks to improvements in AI and mechanical engineering. If futurists are right it won't be long before robots are making your coffee, removing your appendix and hoovering your living room (Dyson launched its £800 360 Eye in the UK last month). The question is whether we can coexist peacefully or not.
- 6. 3D Printing** - So-called 'additive manufacturing' has come on in leaps and bounds in the past few years – with the right machines and code one can now knock up everything from musical instruments [to 3D ultrasound scans of your unborn child](#). This threatens to transform not just the manufacturing sector but logistics, retail and design too.
- 7. Virtual reality** - Facebook, Samsung and a bunch of over companies have ploughed heaps of cash into this field in recent years in the hope of creating extremely realistic immersive experiences. As well as making videogames a million times more fun VR could also help you attend meetings from the comfort of your bed.
- 8. Augmented reality** - VR's younger brother, augmented reality is similar but distinct. It's all about overlaying the real world with artificial graphics, like directions to a nearby restaurant or instructions for mending a sink. Google Glass may have failed to ignite any fires but recently the game Pokemon Go has enjoyed immense popularity. Expect practical industry applications to follow.

Read more at <http://www.managementtoday.co.uk/pwc-thinks-cant-afford-ignore-8-pieces-tech/future-business/article/1403472#yl5cuiRHitz8upx.99>

Client Services

Good Day!

Save The Date!

The next Operations Committee Meeting will be held on Tuesday, 18th October 2016. Full details will be sent via email.

Did You Know?

Negative values in the Income Distribution file indicates a correction. All values are in cents per unit (cpu).

Be sure to note the dates of releases in the Application section below.

Best Wishes

Tasneem Gydien
Client Relationship Manager

News from the Application Desk

Some significant changes will be deployed that will require your immediate attention to testing your access to the FinSwitch Application.

Maintenance Release

We will roll out this release in the 2nd week of October. It includes the addition of the end of line character for download files, clearer warning/error messages on holdings balances and fixes on minor bugs.

IE Version Upgrade

In our last newsletter article, we indicated the updating of our security layer from SSL 3.0 to TLS 1.2. The minimum browser requirement to support the change is IE 10, 11 and Edge (current Microsoft browser versions). We have adopted IE 10 on a Windows 7 platform (operating system) as the minimum requirement. **The roll out to our UAT environment will be on 23rd September 2016, and we will apply the change to production on 5th November 2016.** Please ensure that you test and update your IE browser accordingly.

Web Services

Importantly, as part of a Security audit recommendation, by clicking on the Web Services URL the exposed Web Services (documentation) will be hidden, but will still be exposed to the internet. FinSwitch will provide the services as a separate file for those Web Services users that utilise the exposed service as part of their authentication process. The rollout to UAT will be on the 23rd September, and production on the 5th November 2016. **It is extremely important that you test your Web Services once we rollout to UAT.**

Best Wishes

Ismail Allie
Head: Development

NEW:

B-BBEE Certificate

Our B-BBEE Certificate for 2016 – 2017 is now available. FinSwitch is a QSE level 3 contributor with 110% recognition and noted as a value adding supplier. The certificate may be downloaded [here](#).