

10X دبي

WEEKLY SPEED READ

**Vision: Be 10 years
ahead of all other
cities**

Jul 16, 2017; Volume 15

10X PREDICTION

The next major war will
be fired in cyberspace.

Source: Fast Company

GOVERNMENT HACKS



China

World's first object teleported from earth to outer space



United Nations

Passed historic treaty, banning nuclear weapons



India

Plants 66 million trees in 12 hours



France

To ban all new petrol/diesel cars by 2040



China

Shoppers to add a new 'Germany' to economy by 2021



Singapore

Venture fund run by students for students



Palestine

Students create high-performance bricks out of waste



Seoul

Stakes claim among the top global cities

DISRUPTIVE COMPANIES #TAGGED



#DARPA

Spending \$65 mil to plug computers into brains



#Tesla

World's biggest lithium-ion battery for Australia (energy storage)



#RED Hydrogen

World's first holographic smartphone



#BitNation Refugee Response

Won award: cyber citizenship for refugees, using blockchain



#MIT

Envisions the first space hotel (that also offsets NASA costs)



#Daimler

Processed €100 mil transaction using blockchain



#Boeing

AI just "landed" a Boeing 737 by itself



#Volvo

First premium car maker to go all electric (by 2019)



#Fetch Robotics

Creating jobs for humans and robots

The Three-Step Process That's Kept 3M Innovative for Decades

#Business Model #Human Resources #Process



One 3M scientist explains how the approach his team used to develop innovations is an organizational lesson every entity should learn. His three-part teams made of Scouts, Entrepreneurs, and Implementers, helped them go from problem to product for decades. Here's how it works:

[>> Read More](#)

Pain point addressed

Effectively scaling ideas to full implementation.

Key insights

Scouts are project hunters in the field. Once they find problems worth solving, its Entrepreneurs who figure out how to capitalize on it. Entrepreneurs flesh out a prototype, then test, analyze, tweak, and test again.

Implementers then get it ready for commercialization (market testing, regulatory guidelines, supply chain). In this way, teammates are playing to their passions and strengths, not having to do work they are not confident in.

Next Big Thing in Banking: The Rise of RegTech

#Banking #Finance #Regulation #Innovation #Tech



RegTech isn't just innovative - it's revolutionary. Since 2008, financial services have faced a mountain of regulation. And with FinTech exploding in the last few years, there is a strong risk of exploitation in this uncharted path, making regulation a necessity. Find out how RegTech can fill the gap.

>> Read More

Pain point
addressed

Preventing financial exploitation in uncharted territories

Key insights

UK's Financial Conduct Authority has launched an industry sandbox, with a forum for feedback between FinTechs, incumbents, regulators, and regulation tech. RegTech companies streamline burdensome compliance processes to keep risk and human resources low. That means FinTech startups who don't have the means to hire an army of compliance officers can still ensure compliance, and allocate their resources elsewhere. Could RegTech spur further confidence in Dubai's financial market?

Policy Solutions to Cybersecurity, a Worrying Economic Challenge

#Police #Cybersecurity #Policy



Cyber risk, long recognized as a cause for concern in the national security domain, is now also understood as an economic threat. This article sheds light on cybersecurity, not only from a coding point of view, but also as an economic matter and suggests policy challenges and solutions.

>> Read More

Pain point addressed

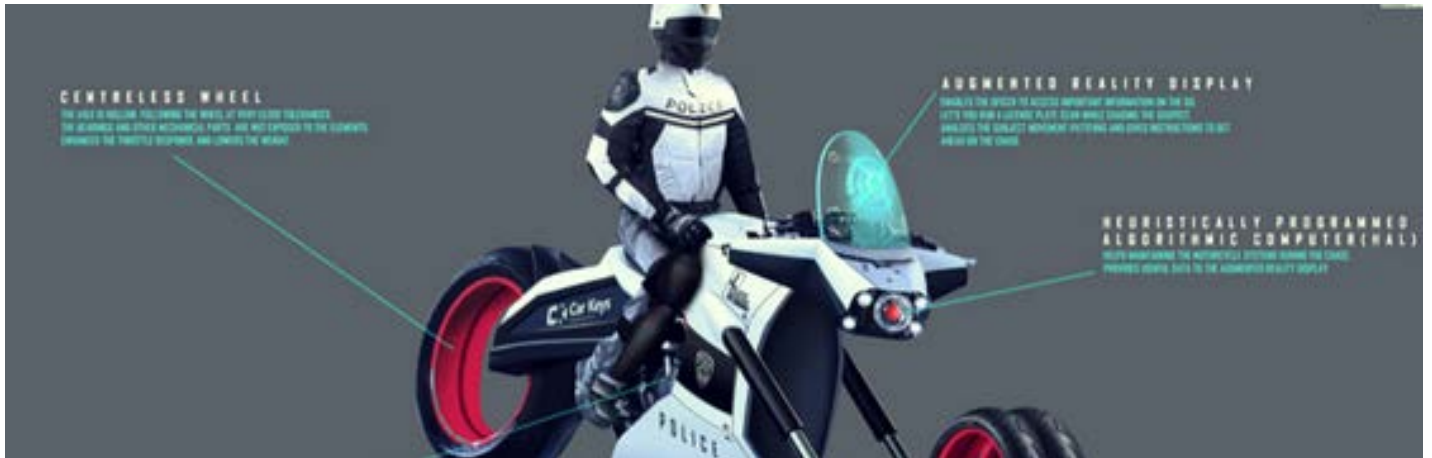
Increasing cyber attacks is an economic challenge.

Key insights

Policies can seek to prevent incidents that neutralize market failures. But two obstacles lie in the way: the incomplete understanding of the microeconomics of cybersecurity and the lack of reliable data on cyber attacks. Current legislation from various countries minimize but do not eliminate the crisis scenarios. Policies should apply to all types of attacks and to all economic agents and we must work to collect reliable data.

Self-Driving and AR Coming to the Crime Scene

#Emergency Response #Tech #Transportation



In 15 years, police, firefighters, and paramedics will lean more on data and tech, walking into a distress call with full patient knowledge. All of these concepts are part of The Future of First Response, a collaboration between government, industry, and tech companies in the US.

>> Read More

Pain point addressed

Advances in First Response are not connected between entities.

Key insights

One thing heard constantly from first responders is the frustration that the new tech tools are being developed separately from each other (e.g. protective shirts; AR glasses; software that pulls up data on the neighborhood; self-driving cars). The future of First Response should be an ecosystem working together between fire, ambulance, and police. You can also find concepts of futuristic ambulance, fire-fighter, and police cars [here](#).

Colleges Transforming How They Prepare Students for Work

#Education #Business Model #Human Resources



The Institute for the Future evaluates the progress of a \$1 billion initiative in 2013 to transform the community college model to prepare students for a rapidly changing world of work. The report walks through the eight innovation zones transitioning from today's cure into a second curve.

[>> Read More](#)

Pain point addressed

College graduates are not fully prepared for work.

Key insights

Innovation themes: Moving to coordinated networks (colleges and institutions). From one-time degree to lifelong reskilling. From letter grades to immediate and personalized feedback. From textbooks to online/off-campus experiences. From degrees to innovations in credentialing. From one-size-fits-all to personalized experiences. From best guesses to algorithmic platforms matching us to institutions, tutors, and internships. Could Dubai be an early mover in charting new paths for student preparedness?

MORE DISRUPTIVE TRIGGERS...



6 Traits of a Productive Government Hackathon



New Approach to NGOs: Grants for Building Organizational Strength



Why Texting Could be the Future for Doctors and Patients



A Future without Counterfeit Goods (Quantum Technology)



5 Wildly Successful Management Practices from Google

3 Words Making Brainstorming at Google More Productive

To avoid pitfalls of fear or disappointment, IDEO has developed a brainstorming strategy that relies on three simple words:

“How might we....”



- “How do we do this” can give team-mates performance anxiety. People may stay silent for fear of giving half-baked or incorrect answers.
- ‘How might we do this’ eliminates fear, stress and anxiety by supportively implying that there may be more than one solution.



Innovation in credentialing graduates: A change in how degrees and credentials are given by universities (and accepted by HR) is a necessity, if we want to move towards an innovative workforce that keeps up with the rapidly changing skills needed throughout their lives,



Future of First Response: Create a collective vision and coordinated innovation ecosystem between police, fire, and ambulance.



Cyber green card: Give frequent tourists a cyber green card or official identity to Dubai, allowing them seamless access to government services and payment methods while traveling to the city or performing business in the city.



Grants towards professional futurist associations: Provide grants for people to start and run professional associations for Futurists, as to create a regional hub of futuring.

LATERAL THINKIN'
helps build the innovative mindset

Four people try to
get underneath
one small umbrella,
but nobody gets wet.
How is this possible?

Source

Solution

ABOUT this *WEEKLY SPEED READ*

- This Weekly Speed Read is to inspire and inform Dubai's 10X teams on latest disruptive developments and enablers from around the world

How satisfied are you with this newsletter?



Extremely Unsatisfied



Unsatisfied



Neutral



Satisfied



Extremely Satisfied

- **Contact:** For any questions or feedback on this newsletter please email: Dr. Sayd Farook