

Dato' Seri Ivan Teh

Winner of **Asia's Most Outstanding Entrepreneur Award** and **Ernst & Young Technology Entrepreneur Award**

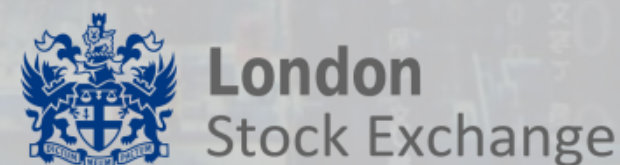




Conquering the New Economic Frontiers: Empowering Youths

IVAN TEH

CEO and Founder, Fusionex International



Current Landscape



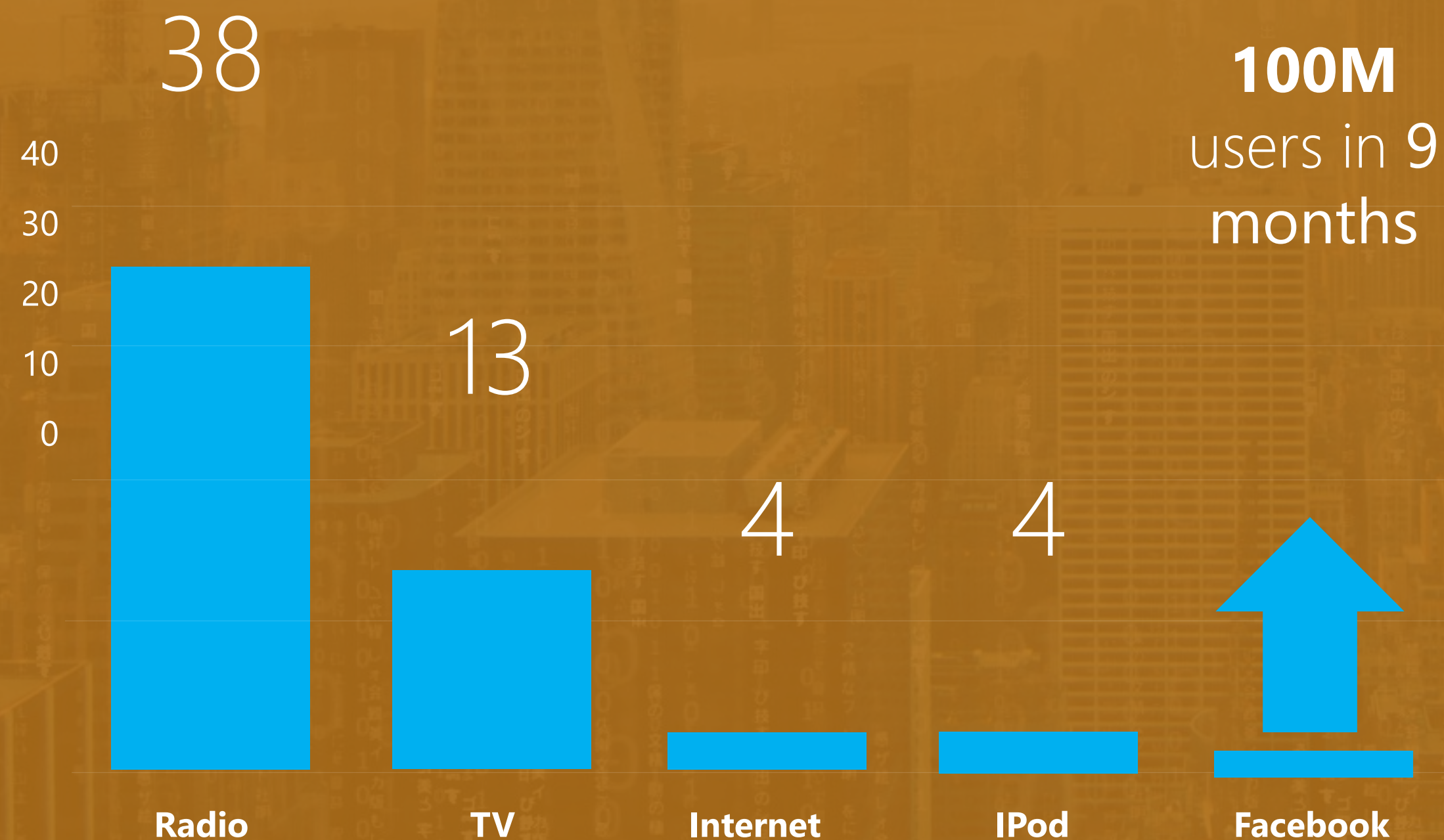


The amount of digital data in the universe is growing at an exponential rate, doubling every two years, and changing how we live, play and work in the world.

Big Data Has Changed the World FOREVER

But how fast is data growing and how have things changed?

Years to Reach **50 millions** Users



VS



We have close to **3 billion** connected devices today. By 2020, we would have exceeded **30 billion** connected devices.

“The rate at which we’re generating data is rapidly outpacing our ability to analyze it. The main challenge here is to turn these massive data streams from a **liability** into an **asset** (from a weakness to a strength).

Wouldn’t it be great if you had a crystal ball where you could play back historical data/ events and ask the crystal ball what could happen (predictive analytics) and of course seek recommendations (prescriptive analytics)”.



Analytics Value Escalator

VALUE

How can we make it happen?

PRESCRIPTIVE ANALYTICS

Optimization

What could possibly happen?

PREDICTIVE ANALYTICS

Why did it happen?

DIAGNOSTIC ANALYTICS

What happened?

DESCRIPTIVE ANALYTICS

Information

Hindsight

Insight

Foresight

DIFFICULTY

Some Applications : Big Data Analytics

Smarter
Healthcare



Education



Finance



Log
Analysis



Homeland
Security



Traffic
Control



Telecom



Search
Quality



Manufacturing



Trading
Analytics



Fraud
and Risk



Retail:
Churn, NBO



The global landscape is disorientating:

There is an eruption of disruptive technologies meaning change which incumbents cannot deal / cope with.

In many geographies and industries, the economies of scale are evaporating because of new players in the market where smaller business owners are more nimble, flexible.

To cope with this degree of fluidity and uncertainty, businesses need to strategize, no one can assume that traditional bases of competitive advantage will last.

A black and white photograph of the Chicago skyline at night, viewed from across a body of water. The city lights are reflected on the water's surface. The Willis Tower is the most prominent building on the left side of the skyline.

“Information is the oil of the 21st Century.

Analytics is the combustion engine.”

Gartner

“Big data is one of those technologies whose contribution is more than the sum of its parts”
said Fusionex Managing Director Ivan Teh



Key Takeaway / Our Recommendation

- Build **skills and capabilities** (either in house or through partners)
- Start building a **partner ecosystem**. Get advice from experienced partners
- Focus on driving operational efficiencies, with **quick wins, tangible value & ROI**
- Look at adjacent industries to **identify opportunities and potential threats**

Key Takeaway / Our Recommendation

- Develop a **'flexible, agile' solutions roadmap.**
Anticipate & expect 'change'
- Identify the 'neglected' , 'un-mined' data. Work on a **'quick-start' program** but with a **clear roadmap and overall strategy**
- **Don't wait. Start now,** start small, think big with a vision, and **scale fast. It doesn't need to be a costly exercise!**
Partners like Fusionex can help



**“A Journey of a
thousand steps begins with
the first step”**



Thank You

www.fusionex-international.com

