

### **Egis Technology Investor Conference**

#### June 2016



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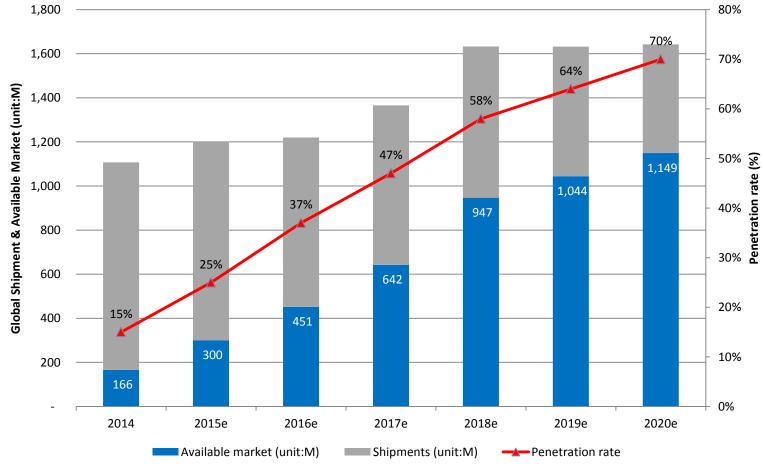
### **Company Profile**

- Founded on Dec 26, 2007 by acquire 3 entities
  - Fingerprint Sensor (since 2002), Match Algorithm (since 2000), Encryption
- Paid-in capital over USD\$80M

Country with Office

- 68,839,254 Outstanding Shares, IPO on Dec 23, 2015
- Worldwide > 140 Employee
  - HQ in Taiwan, operates in Korea, China, Japan, USA

#### Fingerprint Sensors Shipments as % of Global ex.iOS Smartphone Shipments



Source: Carnegie Research, IDC, Gartner, comScore



### Non-Standard Package & Module

**Backside Button** 



Home Button





Side Button Integrated Power & Volume







## **Competitive Advantage**

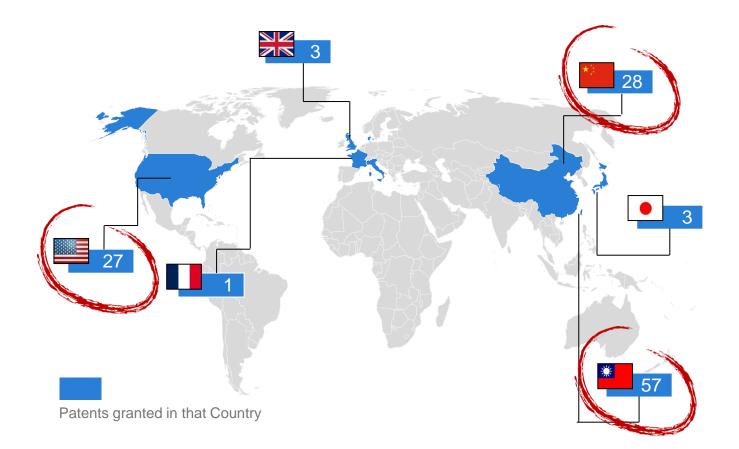
Patent Algorithm Passive Sensing



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#### 119 Patents Granted Worldwide

Patents Breakdown by Country





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#### Low Patents Infringement Risk

- Apple owns broad range of fundamental patents regarding active sensing
  - Apple acquired AuthenTec in 2012
  - Atrua was acquired by AuthenTec in 2009
  - UPEK was acquired by AuthenTec in 2010
- Egis owns patents of passive sensing and small area matching algorithm
  - Low patent infringement risk for multi-national brand customers
  - Competitive cost effective solution

### Algorithm

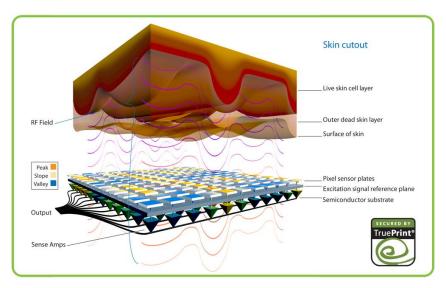
- Smaller Chip Size
  - Lower cost
  - Industry design friendly
  - Enable side mounted



- Egis best-in-class and market proven algorithm achieves payment grade FAR and FRR in smaller sensing area than competitors
  - 認假率 FAR (False Acceptance Rate) < 1/50,000
  - 拒真率 FRR (False Rejection Rate) < 3%

#### Theory of Operation Active Fingerprint Sensing

- When finger touch the sensor, a positive feedback loop will be activated by thousands of associated amplifier to transmit e-field via an external bezel to contact finger or a 2<sup>nd</sup> die to drive high voltage signal couple to finger.
- Image of fingerprint thus will be enhanced un-evenly due to the distance of each sensing pixel to transmitter electrode is different.
- An accurate clock source is required to cut off positive feedback loop before signal saturation.
- Internal shielding is mandatory due to strong e-field radiation.



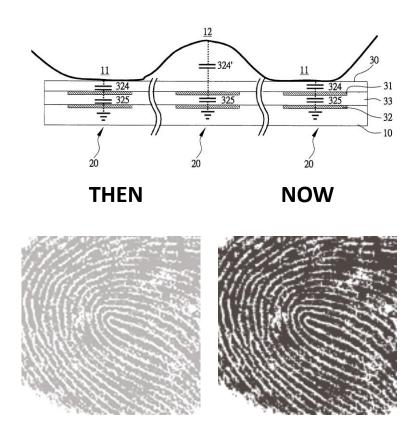


### Theory of Operation Passive Fingerprint Sensing

- By measuring the ratio of charge between 2 capacitor in Fig 3, we can sense the curve with ridge and valley.
- No accurate clock source is required to cut off positive feedback loop before signal saturation.
- No internal shielding is needed due to no near by e-field radiation.
- Self align & calibrate

FIG. 3

US 7,099,497



# **Current Financial Status**



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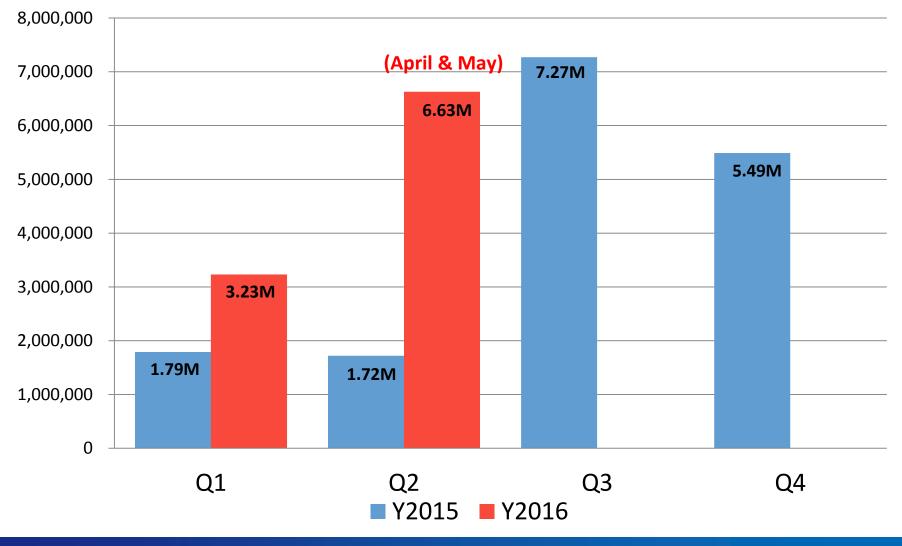
#### **Financial Income Statement**

(Unit:USD )	2015	2014	YoY	2016Q1	2015Q1	YoY
Sales revenue	16,271,544	1,384,451	1075%	3,233,167	1,788,616	81%
Cost of goods sold	4,189,037	964,485	334%	736,905	218,538	237%
Gross profit	12,082,507	419,966	2777%	2,496,263	1,570,078	59%
Gross Profit Ratio(%)	74%	30%	147%	77%	88%	-13%
Operating expenses	14,010,412	8,553,988	64%	3,599,032	2,646,755	36%
<b>Operating Expense Ratio(%)</b>	86%	618%	-86%	111%	148%	-25%
Net Income(Loss)	(2,727,619)	(7,007,322)	-61%	(1,696,062)	(1,057,466)	<b>60%</b>
Net Profit Ratio(%)	-17%	-506%	-97%	-53%	-59%	-10%
EPS (NTD)	(1.44)	(3.75)	- <b>62%</b>	(0.81)	(0.56)	45%



#### **Recent Quarterly Revenue**

USD\$





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