



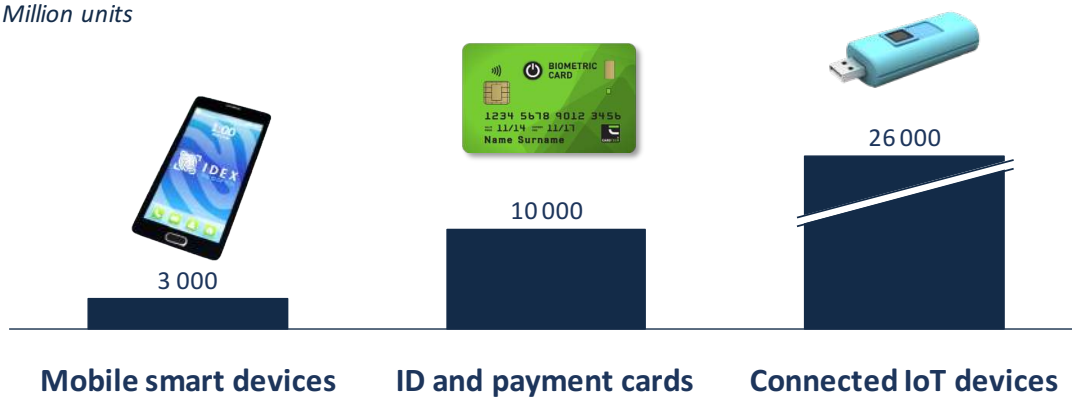
ENABLING THE MASS MARKET FOR SECURE ID

November 2015
 Dr. Hemant Mardia, CEO
www.idex.no

IDEX ADDRESSES THREE RAPIDLY GROWING MULTI-BILLION DOLLAR MARKET OPPORTUNITIES FOR FINGERPRINT SENSORS



Three huge markets – each with expected multi-billion unit potential in 2020
Million units



High double digit growth expected

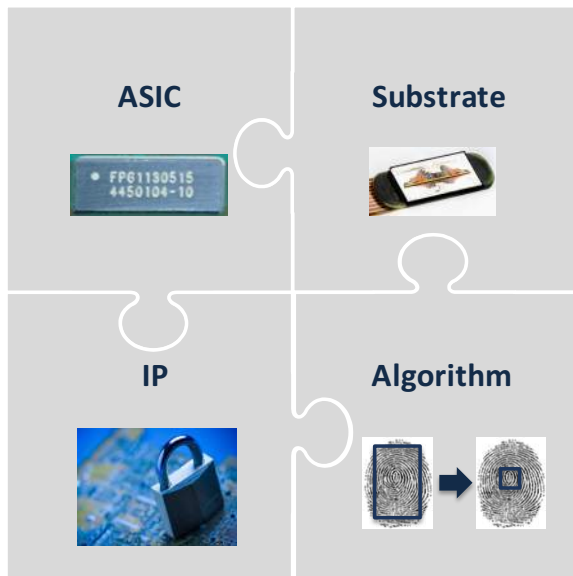
"...CAGR of 17.1% between 2015 and 2020...and ...projected to reach \$14.5 Billion by 2020..."

"...Valued at \$1.6 Billion in 2014, the firm predicts that the market will grow at a CAGR of 67 percent and hit a whopping \$34.6 billion in 2020..."

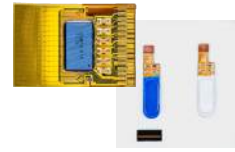


Source: Acuity Market Research; Nielsen Report; Gartner; Research and Markets; Acuity Research; IDEX estimated

IDEX HAS LEVERAGED PATENTED SENSOR TECHNOLOGY TO DEVELOP A BROAD PRODUCT PORTFOLIO OVER A 2 YEAR PERIOD



Polymerswipe



Silicon touch



Polymertouch



In-glass

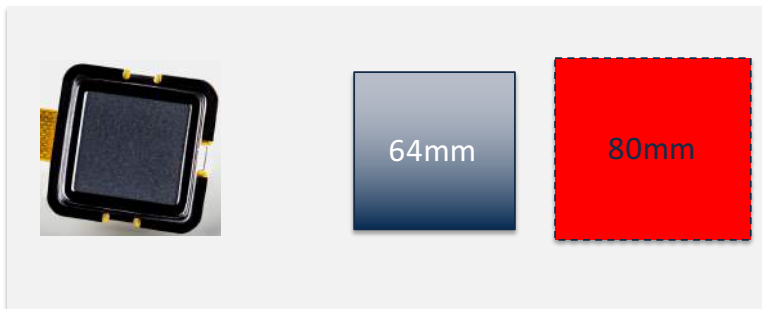


IDEX OFF-CHIP FINGERPRINT SENSOR COST ADVANTAGE

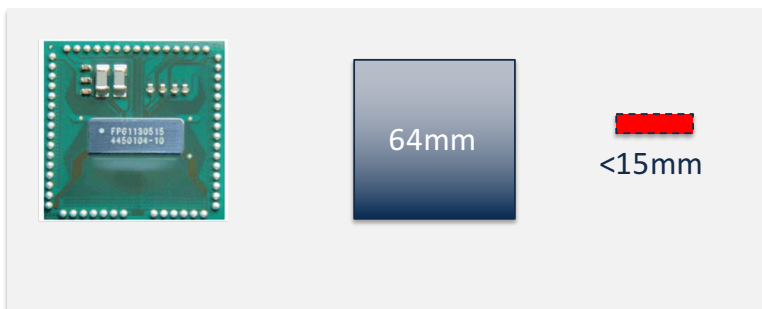


Sensor image area Silicon size

Silicon Touch sensor



IDEX off-chip sensor



*Polymer package
30% of cost*

*Silicon at
20% of cost*

1. Uncompromised performance from IDEX technology
2. Significant cost advantage to silicon sensors
3. Form factor flexibility enables in-glass and flexible card sensing

- Touch in trials at multiple mobile OEMs
- Advanced to integration and compatibility test phase
- Customer validation of sensor performance and IDEX IP
- Multiple form factors launched
- First order for production quantities of new touch sensor from WWTT
- Sensor in high-yield production through commercial-capacity supply chain

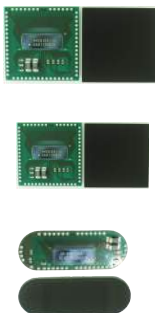
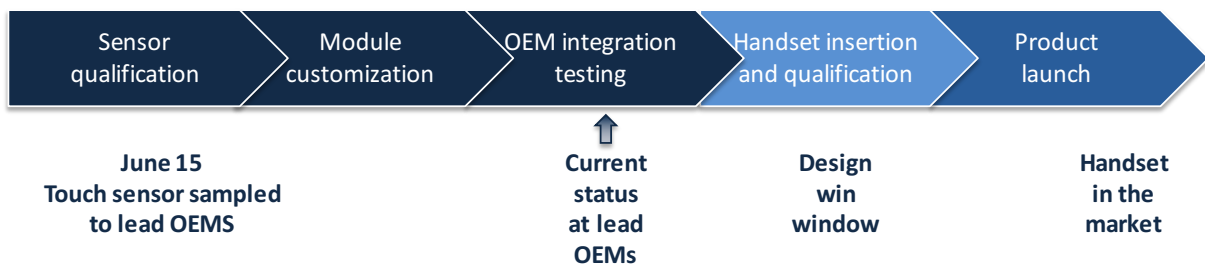
Eagle sensor imbedded in fully functional demo phone



Nexus phone used solely for demonstration

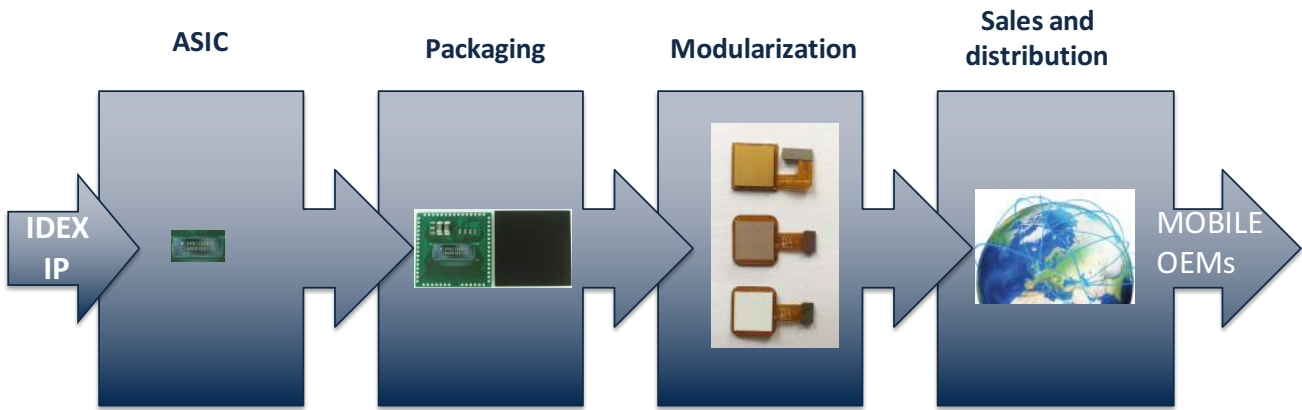
ACTIVE SAMPLING IN Q3 TO LEADING MOBILE OEMS – ADVANCED TO DEEP CUSTOMER PLATFORM INTEGRATION TESTING

MOBILE OEM SAMPLING PROCESS



- Lead mobile OEMs IDEX initiated sampling with continue to progress
- Very positive OEM feedback on best image quality
- Expect trials to result in mobile design wins
- Trials of IDEX proprietary algorithm demonstrates excellent biometrics
- Opened software to third-parties for broader applications/faster integration

TIER ONE VALUE CHAIN AND SAMPLING ACTIVITY THROUGH MULTIPLE CHANNELS EXPECTED TO RESULT IN DESIGN WINS



Announced IDEX partners



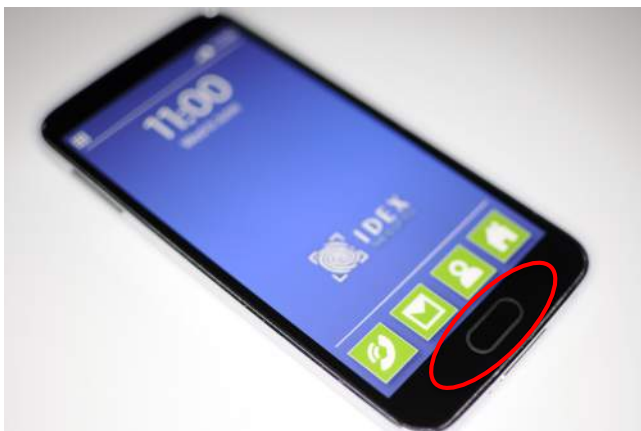
MULTIPLE SOURCES



IN-GLASS SENSOR PROGRESSED – VERY POSITIVE FEEDBACK FROM CUSTOMER ROADSHOW WITH FORTUNE 500 PARTNER



Functional in-glass sensor



- Aesthetically appealing industrial design with perfect color-match
- Eliminates buttons, provides tactile touch-screen feel
- Reduces complexity – no coatings, simple design
- Enhanced durability, scratch and puncture resistant, water proof
- Stable, high-yielding source for high-volume quality sensors

SUPERIOR GLASS SENSOR PERFORMANCE – SIGNIFICANT PROGRESS MADE WITH UNDISCLOSED FORTUNE 500 PARTNER



Solution	Illustration	Distance	Reference Image
Under Cover Glass		300+ microns	
Cover Glass Cutout		200 microns	
IDEX's In-glass		300-700 microns	 Unenhanced raw images

CARD SENSORS ADVANCING: HIGH ACTIVITY WITH UNDISCLOSED PARTNER TO DELIVER ECOSYSTEM & PRODUCT ADVANTAGES



- Strategic partnership with tier one global payments provider to accelerate adoption in massive target market
- Established programs with all layers of the ecosystem needed for mass deployment
- Progress on track for H1 2016 trials
- IDEX thin polymer sensor ideally suited for plastic cards

IDEX TECHNOLOGY IS IDEAL FIT FOR CARD APPLICATIONS



1. Polymer sensor is bendable and flexible (as opposed to brittle silicon sensor material)

2. IDEX sensor is slim and fits into 0.76mm ISO ID1 standard



3. Low cost due to reduced silicon footprint

4. IDEX sensor image area enables card integration and security

IDEX has significant know how for implementation of fingerprint sensors into card applications and is ramping up activity

STRONG FOUNDATIONS IN PLACE



- **Three huge market growth opportunities**
- **All foundations in place**
- **Customers excited about IDEX's solutions**

Commercialisation



THANK YOU

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