

CORPORATE PRESENTATION

JUNE 2019



Cautionary Note Regarding Forward Looking Statements

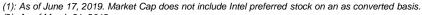
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Vuzix Corporation: A Leading Augmented Reality Smart Glasses Company

Year Founded Company was founded in 1997, IPO in 2009 Headquarters West Henrietta, NY (suburb of Rochester) Share price: \$3.70 (1) **Financial** Market Cap: \$102 million (1) **Statistics** Cash: \$10.1 million (2) Leading provider of next-generation Smart Glasses Company and augmented reality (AR) wearable display Overview technology CEO and CFO together own ~13% **Ownership** Intel Corporation (~15% Ownership) Series A Preferred **TOSHIBA** Select Key Leading Innovation >>> **Customers UP** SKILL verizon^v **UBiMAX**





(2): As of March 31, 2019.

The AR Market Opportunity – Everyone Agrees the Numbers Will Get HUGE...

Total AR headset shipments are expected to jump to 32M units by 2023 - IDC, April 2019

The Augmented Reality market is expected to reach \$61B worldwide by 2023 – Markets and Markets, April 2019

The augmented reality and virtual reality market will grow to \$94B by 2023 – HTF Market Report, April 2019

The global augmented reality market* is expected to register a CAGR of 152% over the forecast period (2019-2024) – ResearchAndMarkets, March 2019

The worldwide augmented reality market* is estimated to have a 65% CAGR to more than \$198B by 2025 - Statistica, 2019

The global augmented reality and virtual reality market* is expected to reach \$58B by 2026 – Maximize Market Research, 2019



^{*} Incudes software

...and Vuzix Has a Broad Mix of Revenue Growth Drivers within this Market

M300XL/M400 Direct Enterprise Sales

M300C/M300IS OEM Channel Enterprise Sales

Blade for Enterprise

Blade for First Responders and Security

Blade for Consumers (wireless carriers, 5G, retail market)

OEM Custom Waveguide Projects



VUZIX M-SERIES SMART GLASSES



Enterprise (B2B + B2C) Represents Tens of \$Millions of Potential through 2020

- Recent contract tender awards for M-Series with more expected
- Rollouts with multiple large Pharma companies
- Rollouts expected soon with large Retail /Brick and Mortar customers
- Expanding sales channels with select partners like Verizon, Eaton and others
- Expectation of continuing commercial rollouts from VAR/VIP channel partners
- OEM partnerships Dynabook, Eaton, Others









Smart Glasses in Enterprise















Vuzix M300 Smart Glasses Successfully Power Verizon's Pilot Program



Verizon operates America's premier wireless and all-fiber networks and delivers integrated solutions to businesses worldwide

Participants: Verizon Vuzix

Ubimax Augmate

Pilot Program: 50 M300s provided to

central office, copper and fiber technicians

<u>Customer Goals:</u> Improve Safety

Reduce Training Time Improve Response Time

Reduce Errors

Initial Focus: Service & Maintenance

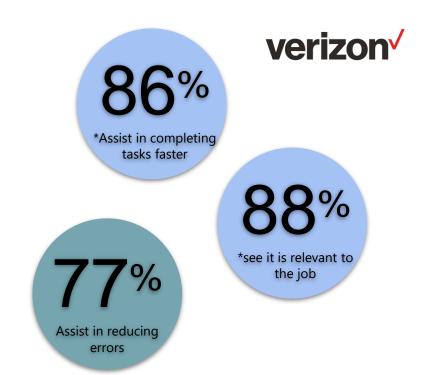
Remote Support





Vuzix M300 Smart Glasses Successfully Power Verizon's Pilot Program

- Completed tasks faster
- Assisted in error reduction
- Users saw the true benefits of being able to receive assistance when needed
- Provided assurance that a task or vital step is completed



*Verizon User Pilot



Verizon Partnership



- Verizon is a strategic innovation partner and reseller of Vuzix smart glasses and software solutions
- Engagement began with Verizon's B2B business group and has expanded into the Public Sector, Consumer and 5G technology areas
- Verizon's Wireless Business Group (WBG) is reselling turn-key Vuzix smart glasses solution packages to their largest B2B customers (hardware + software)







- Verizon's mobile device management (MDM) makes it simple to onboard Vuzix enterprise smart glasses to enterprise customers
- Verizon is also using Vuzix Smart Glasses internally for training and onboarding new employees
- Examples of collaborative demonstrations include a mobile security solution and realtime language translation









Vuzix M300 Smart Glasses Provide Productivity Boost to A1 Telekom Workers



A1 Telekom Austria Group is the largest communications provider in Austria and is successfully positioned on international markets

Participants: A1 Telekom Vuzix
Upskill Nagarro

Pilot Program: Remote field service

support for maintenance

technicians

<u>Customer Goal:</u> Perform high-quality

remote reviews and

legally valid remote sign-

offs on work orders

Results: Sign-offs completed in

1/4th of the previous time





A Typical Enterprise Case Study: Vuzix, Ubimax and Becton Dickinson*

CHALLENGE

BD needed real time expert troubleshooting advice without a troublesome cross border commute and extended wait time

SOLUTION

Ubimax's intuitive voice activated xAssist software running on Vuzix M300 smart glasses

BENEFITS

- Machine repair speed increased by approximately 60%
- Immediate time and money savings
- Benefits of hands-free remote support
- Improved work life balance for employees
- Helped workers feel empowered, knowing they can quickly and efficiently solve problems









Reduced Travel costs



Satisfied **Employees**



^{*} Source: Ubimax, April 2019

Vuzix M300 Smart Glasses Deployed on the Tarmac at the Changi Airport



Customer: SATS, a leading provider of gateway services and food solutions for 60 airports in 62 cities across Asia and the Middle East

- Cuts aircraft turn around times by up to 15 minutes per flight
- Increased accuracy and improved efficiency
- Revolutionizes airport operations related to baggage and cargo handling





Vuzix M400 Enterprise Smart Glasses

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- Android 8.1 operating system with Qualcomm XR1 platform
- Supported by a line of wearable accessories
- Ruggedized and designed for full shift operations
- OLED display, GPS, multi-finger touchpad, 8core ARM64 processor and 6GB LPDDR4 of memory







- 12.8MP camera with autofocus, image stabilization and improved distance scanning
- Standard USB-C connector for external battery connection
- Higher streaming video framerate with 2x+ resolution improvement
- EXPECTED SHIPPING Q3 2019









M300IS: Intrinsically Safe Enterprise Smart Glasses





- Vuzix ATEX Smart Glasses co-branded and co-marketed with Eaton Crouse-Hinds arriving September 2019
- Supported by a line of wearable M-Series accessories
- Ruggedized and designed for full shift operations on a single charge





- 12.8MP camera with autofocus and image stabilization
- Standard USB-C connector for external battery connection
- IP64 dust proof and resistant from water spray
- EXPECTED SHIPPING Q3 2019









M300C: Dynabook Americas, Inc.*



- DynaEdge™ AR Smart Glasses is a wearable, hands-free, Windows 10-based Augmented Reality solution
- Enables multiple usage scenarios, including See-What-I-See, Remote Expert, Document Retrieval, Workflow Instructions and Real-Time Data Capture
- Follow-on OEM purchase order received in March, 2019 for approximately \$1 million in M300C smart glasses. Order falls under the 3-year supply agreement between Vuzix and Dynabook





^{*} Formerly Toshiba America Client Solutions, Inc., purchased by Foxconn/Sharp

Enterprise Usage Dynamics and Players

In the enterprise environment, most shifts are typically 8 hours long

Vuzix' M-Series provides an optimal mix of key metrics: Battery – Comfort – Display – Functionality Price – Software – Support – Weight

Vuzix M300-Series



Meta 2



Dagri



Competitors
Microsoft Hololens



RealWare HMT-1





VUZIX BLADE® SMART GLASSES



The Vuzix Blade is Well Positioned for Adoption Across Multiple Key Markets

Blade for Enterprise Users: "One of a Kind" Form Factor for B2B and B2C

- Developers are actively building enterprise applications for Vuzix Blade for B2B and B2C customers
- Many of our current VIPs already support the Blade
- Machine operators are using Vuzix Blade to receive hands-free work instructions to reduce errors

- Vuzix Blade supports see-what-I-see applications for field service, security and asset management, field inspection, etc.
- Blade Safety Glasses is the main ask for larger B2B deployments
- B2C applications include telemedicine, close captioning, outdoor entertainment, consumer facing retail stores





Blade Safety Glasses for Enterprise

- Blade Safety Glasses is the main ask for larger deployments
- Vuzix Blade ANSI Z87.1 safety rated smart glasses for enterprise users
- \$999 price point
- Expected Shipping July 2019







Blade for First Responders and Security Markets: Protecting the Public

Blade's form factor is by far the best solution available for this market

- Numerous first responder and security solution providers are quickly adopting the Blade as best (and possibly only) solution available today
- New sector for Vuzix following Six-15 agreement changes
- Already have multiple partners announced and addressing the market
- Deliveries have started and are expected to grow throughout the year and significantly into 2020
- Security alone could represent tens of thousands of units



Three Security Opportunities Using the Blade Have Been Announced to Date



- World's first Augmented Intelligence biometric-enabled Smart Glasses platform
- SaaS application developed by ST and integrated with Vuzix Blade, enabling hands-free and nonintrusive identification and scanning
- Hands-free facial scanning, real-time cross-referencing against a central database of persons of interest and displaying route maps of potential criminal suspects in the vicinity



- The world's first mobile IoT threat detection device built on top of the iPhone platform
- Threats and notifications detected by the SWORD™ will be pushed directly to the Vuzix Blade
- SWORD™ has also struck strategic partnerships Verizon, FaceFirst, FLIR Systems and others
- Customers include schools, security firms, banks and large venue operations
- SWORD plans their production rollout for Fall 2019



- iFalcon Face Control™ Mobile is the world's 1st fully autonomous Al-powered face recognition system
- The Blade's camera detects faces and transmits the information to a wearable portable computer
- Designed for discrete screening by law enforcement officers and security guards on patrol
- 50 Vuzix Blades have been delivered to NNTC and are currently deployed in Dubai
- Production expected to ramp through second half 2019







https://youtu.be/WzBEDbXI5PA



Blade for Consumers: An Increasingly Functional Smart Phone Accessory

- A growing number of native applications include Amazon Alexa, Google Assistant, Yelp, AccuWeather, stocks, news, karaoke and language translation
- Plus media control, notifications, messages, e-mail and more
- Now with legacy application support including may favorites like Netflix, Amazon Prime, HBO, Shazam, Tik Tok, Wechat and the list continues to grow.
 - yelp:







- Allows support for many standard Android apps including streaming video feeds, peerto-peer video calling, Social apps and more
- Vuzix Blade can be ordered with prescription inserts for individuals needing distance vision assistance
- Active and steadily growing developer community





Blade now Supports many of the most Popular Android Applications



Vuzix Blade for Consumers – Dads and Grads Promotion

- Limited time \$699 price promotion for U.S. consumer and enterprise customers
- Coincides with a series of new Android applications available on the Vuzix App Store including Netflix, Amazon Prime Video and HBO Go.
- Vuzix Blade now also supports web browsing including Firefox browser, which provides a convenient way for users to watch YouTube, perform DIY repairs around the house or simply kick back watch streaming video content, all hands-free.





Consumer Smart Glasses Key Requirements for Success (no particular order)

- Fashionable design, not nerdy and not overly techy
- No wires (period)
- One size fits all OUT OF THE BOX
- Field of View (FOV) that can support multiple application requirements including video streaming but also not in the way
- Integration of voice (i.e. voice assistants, voice commands and voice control in addition to touch and/or gesture)
- Sticky consumer applications to drive device usage
- Consumer price points
- An ecosystem to deliver expanding content to applications



Blade Consumer Facing Infrastructure That's Built for Scale

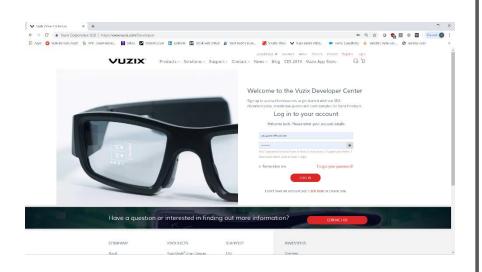
- Much like a modern smart watch consumers expect a fully integrated solution
- Vuzix has been building exactly that for our Smart Glasses product lines
- Companion app seemlessly supports and manages connection between smart glasses and smart phone (supports both iOS and Android)
- Vuzix App Store supports paid and free apps
- Simple login and device registration process to add or delete apps

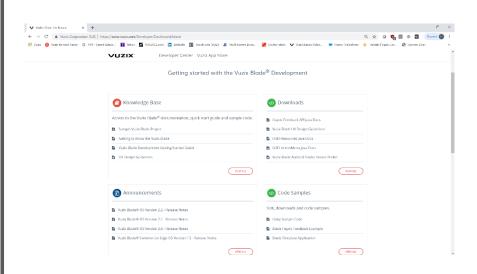
- Companion app handles login and settings configuration and manages media content from glasses to phone
- Keyboard functionality for login and data entry screens
- Trackpad feature to navigate applications and webpages almost effortlessly
- App Store, Companion App and device can easily be localized into different languages



Tools to support application development from design guideline to example code sets

DEVELOPER CENTER

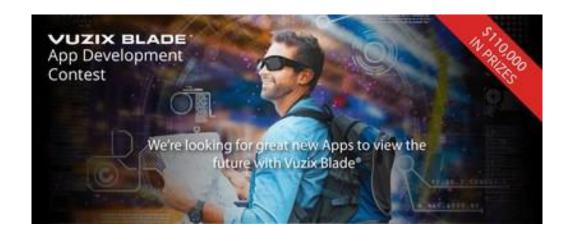






Blade Developer Contest

- Sponsored by Vuzix in collaboration with Verizon and CGTrader
- Developers will compete to create innovative new app experiences for the Vuzix Blade
- Over 70 developers have already entered and their efforts will help to greatly expand Blade's functionality



Contest categories:

Personal - apps meant to enhance an individual's day-to-day activities, lifestyle, leisure, fitness, health, wellness, etc. Examples include jogging and yoga guides

Business - apps meant to streamline processes and/or contribute to workplace productivity, including making it easier for workers to do their job or complete work-related specific tasks

Gaming & Entertainment - apps that create a fun, interesting and/or engaging gaming or entertainment experience



Vuzix Wireless Carriers

- Vuzix is just now starting to open its consumer sales channels through internet and select brick and mortar channels
- At the same time, the Vuzix Blade is designed to be an ultimate smart phone accessory
- Clearly it can be a great fit for the right carriers worldwide
- Vuzix is in discussions with multiple select carriers that have expressed interest to deliver the Blade and derivatives of it through their channels
- A great fit that leverages the platform built by Vuzix (Vuzix App Store, developer center, and Blade companion app)



Real-time Language Translation

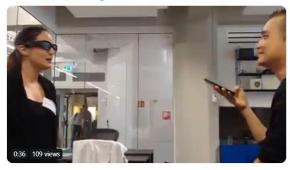




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https://twitter.com/zoimeet/status/11420553 88705099776



Integrating Advanced Technologies into our Next Gen Blade Products

Vuzix/Plessey Custom Display Engine

- MicroLED-based display engine
- A fraction of the size of anything available
- Highly efficient with significantly more brightness
- Reduced energy consumption and improved battery life
- Reduced cost and improved optical performance

Vuzix'Optical Waveguides



Qualcomm's XR1 platform

- ARM-based multicore CPU
- Optimized for AR
- Artificial intelligence capabilities
- Improved interactivity
- Better power consumption
- Enhanced thermal efficiency







WAVEGUIDE-BASED OEM OPPORTUNITIES



Growing OEM Opportunities Around Vuzix Advanced Technology

- Automotive
- Defense
- Aviation
- Courier Services
- Consumer
- 3D Direct View Display

Potential opportunites for 10+ million in NREs

Longer-term potential for \$100s of millions in product revenues



Vuzix Has a Broad Mix of Revenue Growth Drivers within the AR Market

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Blade for First Responders and Security

Blade for Consumers (wireless carriers, 5G, retail market)

OEM Custom Waveguide Projects





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THANK YOU!

