



VIA TECHNOLOGIES, INC

3Q2021 Business Review

2021/11/26

Safe Harbor Notice

- VIA's statements of its current expectations are forward-looking statements subject to significant risks and uncertainties and actual results may differ materially from those contained in the forward-looking statements.
- Except as required by law, we undertake no obligation to update any forward-looking statement, whether as a result of new information, future events, or otherwise.

Agenda

- 一、VIA Business update
- 二、Recap of Recent Major Events
- 三、VIA Embedded Business update
- 四、Q&A



VIA Business update



VIA Business update

3Q2021 P&L (CONSOLIDATED)

In NT Millions	2021 Q3	%	2021 Q2	%	2020 Q3	%	QoQ	YoY
Net Sales	1,875,839	100%	1,617,772	100%	1,722,609	100%	16%	9%
Cost of Sales	1,202,336	64%	1,029,243	64%	1,153,288	67%	17%	4%
Gross Profit	673,503	36%	588,529	36%	569,321	33%	14%	18%
Operating Expenses	875,592	47%	865,112	53%	545,343	32%	1%	61%
Operating Income	(202,089)	-11%	(276,583)	-17%	23,978	1%	-27%	-943%
Non-operating Items	22,876	1%	43,178	3%	(24,681)	-1%	-47%	-193%
Income Before Tax	(179,213)	-10%	(233,405)	-14%	(703)	0%	-23%	25393%
Income Tax	57,662	3%	159,715	10%	9,233	1%	-64%	525%
Net Income (loss)	(236,875)	-13%	(393,120)	-24%	(9,936)	-1%	-40%	2284%
Minority Interest	107,495	6%	92,864	6%	30,674	2%	16%	250%
Net Income(attributable to the parent)	(344,370)	-18%	(485,984)	-30%	(40,610)	-2%	-29%	748%
EPS	(0.70)	0%	(0.98)	0%	(0.08)	0%	-29%	775%



VIA Business update

Q1-3Q 2021 P&L (CONSOLIDATED)

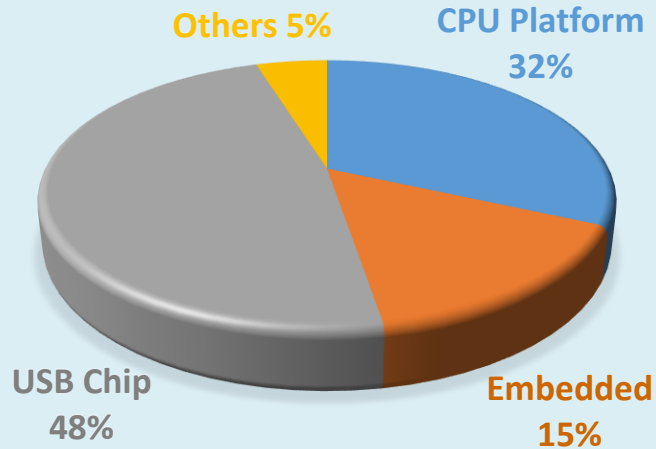
In NT Millions	2021 Q1-Q3	%	2020 Q1-Q3	%	YoY
Net Sales	5,063,311	100%	4,748,703	100%	7%
Cost of Sales	3,253,084	64%	3,122,502	66%	4%
Gross Profit	1,810,227	36%	1,626,201	34%	11%
Operating Expenses	2,780,457	55%	1,759,776	37%	58%
Operating Income	(970,230)	-19%	(133,575)	-3%	626%
Non-operating Items	2,337,417	46%	104,719	2%	2132%
Income Before Tax	1,367,187	27%	(28,856)	-1%	-4838%
Income Tax	245,258	5%	27,691	1%	786%
Net Income (loss)	1,121,929	22%	(56,547)	-1%	-2084%
Minority Interest	286,017	6%	88,094	2%	225%
Net Income(attributable to the parent)	835,912	17%	(144,641)	-3%	-678%
EPS	1.69	0%	(0.29)	0%	-683%



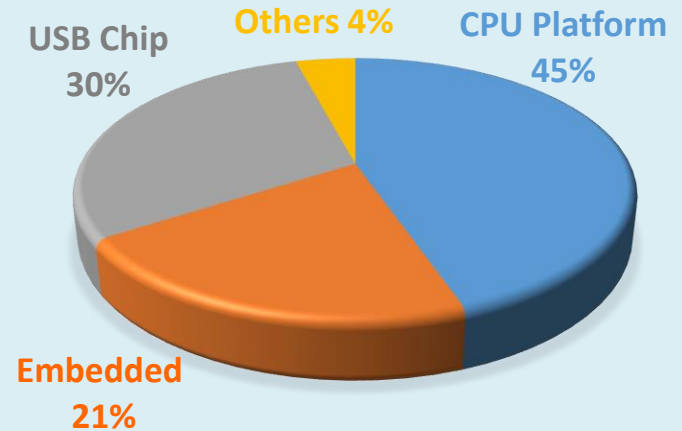
VIA Business update

Sales % by product in the first three quarters for 2021 and 2020

2021Q1-Q3_SALES%



2020Q1-Q3_SALES%





Recap of Recent Major Events

2021/01	VIA and King Long Bus Signed Strategic Agreement to Promote 5G and Autonomous Vehicle Innovation for Next-Generation Mobility Applications
2021/05	VIA showcased Mobile360 M810 DOD (Dynamic Object Detection) System at CIMVITL21.
2021/08	VIA and VLI made strategic investments to participate in the subscription of Ennoconn Corporation (6414) private placement convertible corporate bonds of NT\$200 million and NT\$100 million, respectively.
2021/09	VIA unveiled VIA Mobile360 Heavy Equipment Safety System that boost mining safety using the most advanced camera AI and sensor fusion technologies at MINEXPO® 2021.
2021/09	VIA Labs, Inc. (VLI) unveiled the VL830 USB4 Endpoint Device. USB4 is a major update to the USB architecture, enabling multiple simultaneous data and display protocols to share a single high-speed link with support for a maximum aggregate bandwidth of 40Gbps.
2021/10	The VIA Mobile360 Forklift Safety System is available worldwide. It provides a complete out of the box solution and enables companies to take a proactive approach to reducing forklift accidents.
2021/11	VIA and its 100% owned subsidiary Centaur Technology Inc. ("Centaur") to sign an agreement with Intel Corporation ("Intel"). Under the agreement, Intel will recruit some of Centaur's employees to join Intel with certain covenants from VIA for Intel's recruitment. As consideration, Intel will pay Centaur US\$125 Million.

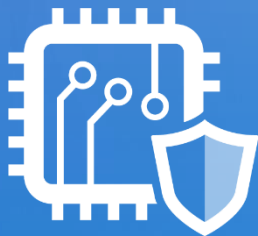


VIA Embedded & IoT Business Update

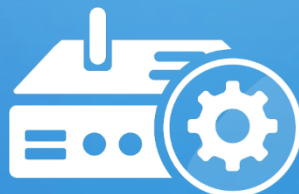
2021/11

VIA's Transformation in the Age of AI

Core Technology to Total Solution



IC
Design



Embedded
Systems

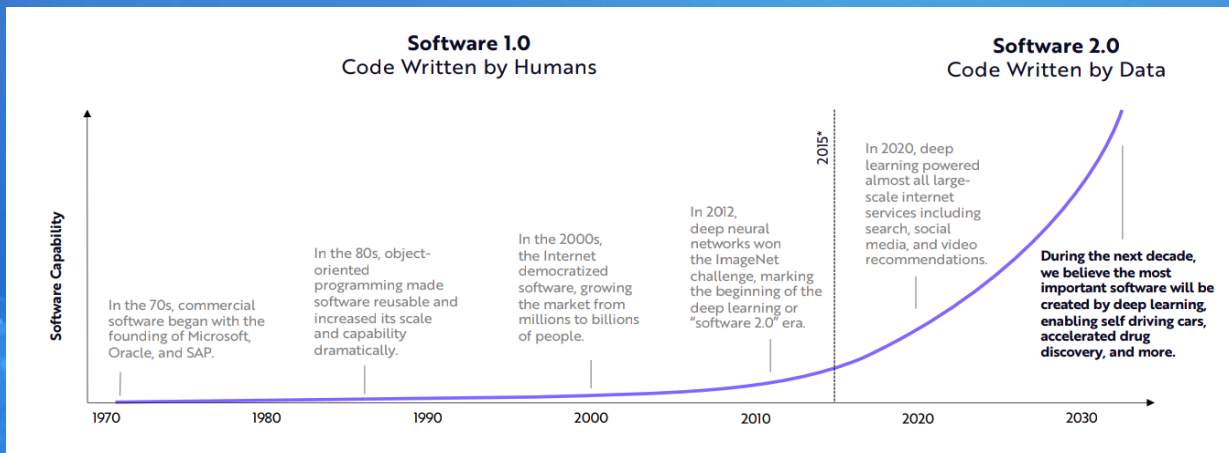


AIoT
Solutions

Software is Eating the World

From Software 1.0 to Software 2.0

- Applications and activities are increasingly becoming software-defined
- For Software 2.0, growth opportunities are about large datasets



■ Source: ARK Investment Management LLC, 2020

AI is not new,
but the
quantity of data to
be processed is
unprecedented

Computation at the Edge

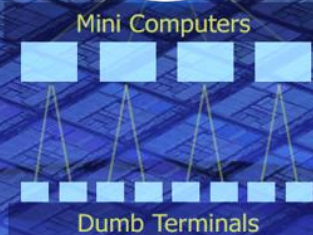
Intelligence progression over time

- "IoT + Cloud" made data collection prevalent and efficient
- AIoT will bring computation (data analysis) closer to the point of data collection
- 5G will boost the real time communications where data will grow exponentially

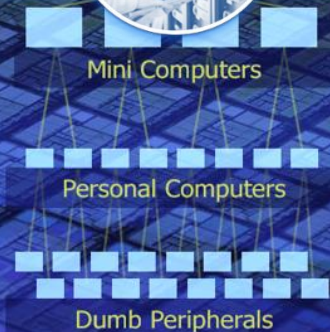
1960s



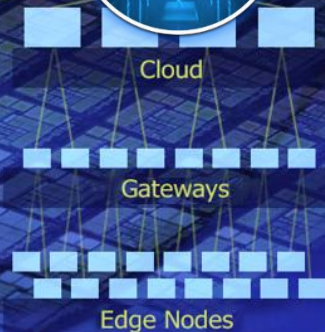
1980s



2000s



2020s



Intelligence at the Edge

Solving critical customer pain points

Over half of all data to be
created on the Edge by 2025

Perception
@ the Edge



Customer
Experience



Limited
Datasets



VIA Intelligent Systems

Leveraging our core technology strengths

Scalable Platforms for
Multiple Edge Use Cases

Perception



System
Innovation



Connectivity &
Cloud



From Fragmented to Focused

Providing data insight for enterprise customers

Scalable Growth Opportunities
in Expanding Markets

Automotive



Factory



Smart Home



Seizing the after-market vehicle safety opportunity

VIA's point of entry

■ Global commercial vehicles in use: **335Mil**

**Commercial
Vehicle Safety**



**Fleet
Management**

**Industrial
Vehicle Safety**



**Warehouse &
Logistics**

Common Customer Problems & Opportunities

Driving forces for after-market vehicle safety upgrades

Accident Prevention

(Collision Avoidance,
Situational Awareness)

Accident Assessment

(Real-Time Response,
Analysis, Reporting)

Driver Behavior

(Fatigue, Distraction,
Dangerous Driving)

Regulations

(Vehicle Safety, Assisted
Driving)

**Fleet Management
Safety**



**Data
Analytics**



Video



**AI
(real-time)**

Asset Management

(Utilization, Maintenance)

Fuel

(Efficiency, Routing)

Other Operating Costs

(Safety, Insurance, Staff,
Parking)

Regulations & Tax

(Public Safety)

**Fleet Management
Efficiency**

VIA Intelligent Automotive Solutions

Scalable core technology platform

Perception



- Computer Vision
- Radar Sensor Fusion
- Optimized Learning & Inferencing Models

Cloud



- 4G/5G Wireless
- Cloud Integration
- Vertical Cloud Innovation

Systems



- Compute/AI Processing
- Durability & Ruggedization
- Form Factor Optimization

VIA Intelligent Automotive Solutions

Scalable core perception applications

VIA Mobile360 DMS



- Driver Fatigue
- Driver Attentiveness
- Driver Smart Phone Usage & Smoking

VIA Mobile360 ADAS



- Collision Warnings
- Blind Spot Detection
- Lane Departure Warning
- Parking Assist
- People Detection

VIA Mobile360 SVS



- Situational Awareness
- Large Vehicle Maneuvering

After-Market Segments

From Fast Deployment to High Stickiness

Video Telematics



VIA Mobile360
AI Dash Cam

Forklift Safety



VIA Mobile360
Forklift Safety System

Scalable Platform Optimized for Target Use Cases



Video Telematics

From Fast Deployment to High Stickiness

Ready-to-Sample



VIA Mobile360
AI Dash Cam

Cloud



qualified
device



Carrier



AT&T

verizon

T-Mobile

uscellular

Scalability



VIA Mobile360 Systems

Commercial Vehicle Fleets



Video Telematics

Seamless scalability across multiple commercial fleet segments

Taxis &
Ride Sharing
Commercial Fleets



Delivery &
Logistics



Bus &
Coaches



Industrial
Vehicles



VIA Mobile360 D700 Series



VIA Mobile360 M800 Series





VIA Mobile360 D700 AI Dash Cam

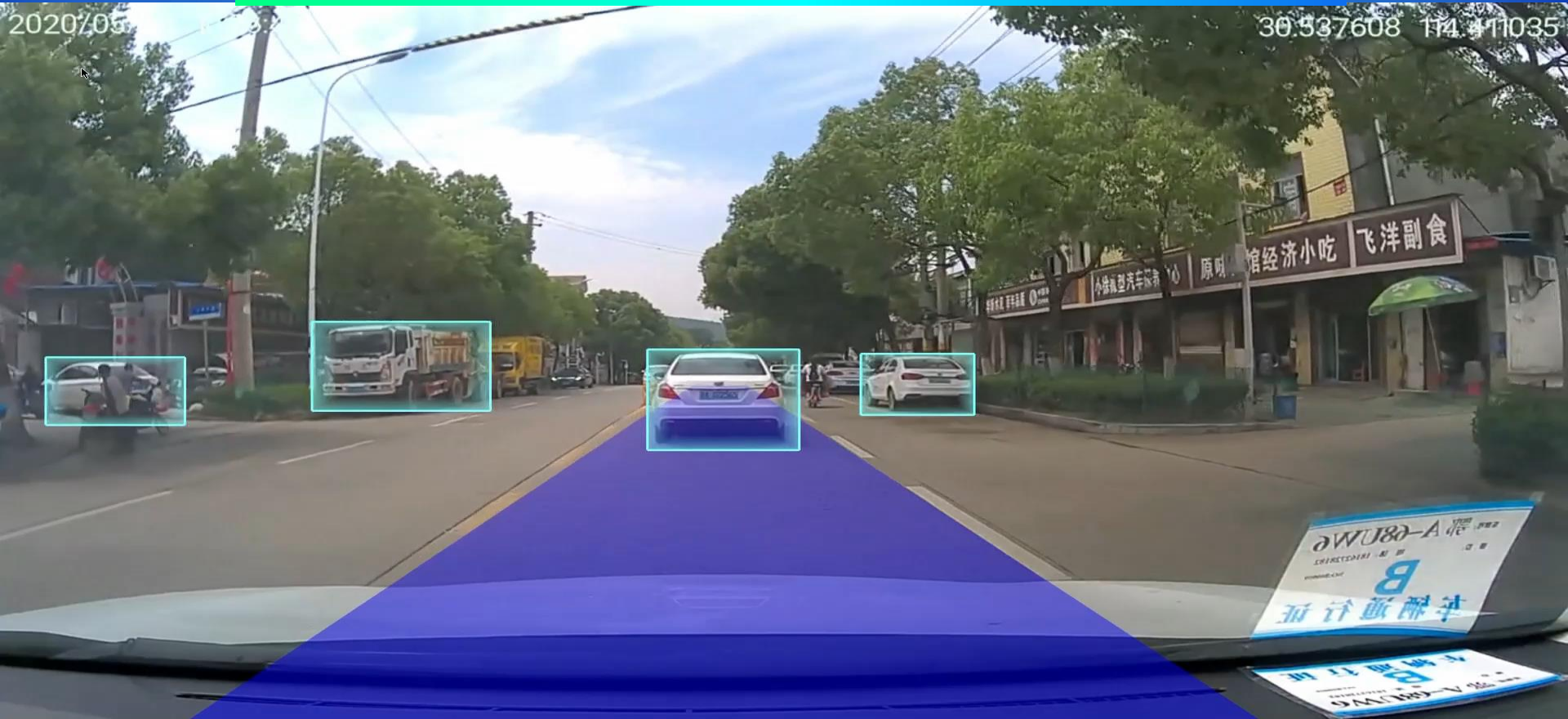
Global deployment (I)





VIA Mobile360 D700 AI Dash Cam

Global deployment (II)



A New Role for the Forklift

Engine of warehouse & logistics digital transformation

High Value Asset



- Maximize Utilization
- Minimize Downtime

High Safety Risk



- Major Cause of Accidents & Employee Injuries
- Medical Fee
- Insurance Liability & Legal Costs
- Inventory Damage & Operational Disruptions

High Staff Turnover



- Physical & Mental Stress
- Lack of Mentoring & Training



VIA Mobile360 Forklift Safety System

Front and Rear Pedestrian Detection



**Configurable Warning & Critical Zones
for Pedestrian Detection Alerts
4 – 5M Detection Range**



Forklift accidents that result in serious injury total **34,900** annually in US



On average **95** people are seriously injured in a forklift accident every day



Occupational Safety & Health (OSHA) estimates that about **70%** of forklift accidents in the US could be prevented

Solving the toughest forklift safety pain point

Forklift Safety

From Fast Deployment to High Stickiness

Ready-to-Sample



VIA Mobile360
Forklift Safety System

Cloud



qualified
device



VIA Mobile360
WorkX Connect

Perception



Pedestrian
Detection



Driver
Monitoring

Scalability



- Speed, Light, Seatbelt Sensor Fusion
- EV Forklift Support
- Enterprise Cloud Integration
- Vertical Cloud Development

Logistics and Manufacturing

Forklift Safety

Seamless scalability across multiple segments

Delivery &
Logistics



Warehousing &
Distribution



Manufacturing



Hazardous
Materials



Petrochemicals



Semiconductors



Food &
Beverage



Automotive





VIA Mobile360 Forklift Safety System

China Shaanxi Group



VIA Smart Building Solution

Complete Modular Solution for Modern Residential Complexes

Security



- Visitor Registration
- Smart Doorbell
- Emergency Services

Community



- Building Video Surveillance
- Resident Services
- Community Messages

Lifestyle



- Energy Management
- Video Intercom
- Leisure Apps



明倫智慧公宅



斯文里智慧公宅



A Member of Continental Holdings
Continental大陸建設
Development Corporation



冠德建設



達麗建設事業

DA-LI DEVELOPMENT

中虹建設	宏築建設	采豐生活	建築家建設	宏普建設	富宇建設	萬豐建設	新光建經	竹城建設	傑丞建設	義翔建設
華和資訊	開京建設	隆大建設	震大建設	家格建設	達麗建設	遠雄建設	澄果建設	居富建設	銳揚建設	頤昌建設
創健建設	將作建設	聖德福建設	竹城建設	名積建設	廣僑建設	築德建設	興富發建設	三上建設	三發地產	三磐建設
恆達建設	耕薪建設	開盟建設	美邦建設	力信建設	森園建設	總太地產	聯虹建設	久年營造	君宇開發	日景建設
冠德建設	京澄建設	永築建設	忠泰建設	多城建設	正大建設	永陞建設	丞石建設	珍原建設	宜雄建設	台信機構
白京建設	新潤興業	耕薪建設	民凱建設	本業建設	昶賀建設	誠邑築建設	興連城建設	中實開發	仁發建設	和環建設
中租建設	鵬程建設	東騰建設	甲六園建設	友友建設	富旺國際	富喬建設	新碩建設	同興協記	亞昕建設	忠明營造
兆頓建設	安生營造	達水建設	東琳建設	信義開發	康景建設	御盟建設	頂誠建設	品瑩建設	茂竣營造	高華營造
國城建設	麗益建設	寶宸國際	丹棠開發	禾琚建設	麗晶建設	泰坤建設	東馳建設	吉松建設	永信建設	銳揚建設



Thank You