



**CSI**

Technology for a  
Greener Planet

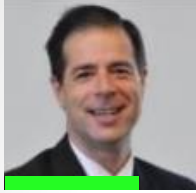
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**OVERVIEW PRESENTATION**

January 2023



# Highly Capable Management Team



## CEO/Board Member – Dave Mazaika

EV Pioneer - 25 years experience in commercial electric truck, bus and rail EV/HEV industry. Extensive C-level experience in private and public firms in EV's and hydrogen



## CFO – Brad Timon, CPA

Finance and business leader with extensive experience in electric vehicle industry and CFO of two Nasdaq-listed companies. Former KPMG senior manager and a certified public accountant.



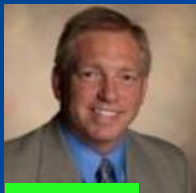
## VP of Sales & Marketing – Brett Gipe

25+ years in vehicle sales and marketing including 10 in commercial EVs. Senior executive for public and private firms with extensive fleet relationships and market development experience



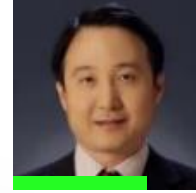
## Global Logistics Manager – Yan Jin

8 Years in global logistics. Managed shipments of hundreds of containers of standard and hazardous materials globally. Coordinated exhibitions throughout Asia, Europe, and the Americas.



## Advisory Board Member – Scott Phillippi

Responsible for UPS's global alternative fuel/advanced technology propulsion fleet and projects. Led UPS fleet related environmental/sustainability issues globally. Key contact for fleets regarding UPS public relations, public affairs & investor relations.



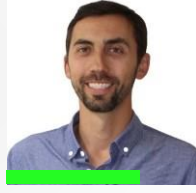
## President/Board Member – Lining Zhou

17 years of technical and product experience in US/China commercial vehicle industry. 12 years EV/battery system development and new product introduction



## Chief Commercial Officer– Paul Rivera

Strong P&L responsibility in publicly traded and private corporations in the automotive and alternative energy space. Former CEO ElectraMeccanica and President Ricardo North America. Expert at global business development with experience in over 60 countries.



## Chief Engineer Software Development– Nic Bouchon

22 Years in technology development for advanced transportation systems. Former Vice President Engineering Azure Dynamics, CTO and co-founder Integr8 and Spur Innovations. Vice President Product development for Streamline Technologies.



## Service Manager – Wuilman Moran

14 Year managing vehicle service organizations including 10 years in electric vehicles. Former positions included Tech support Manager of Genze (Mahindra), Tech Support Specialist AlterG, .Asst. Manager Cosmos Electric, Vehicle Mechanic at Ford



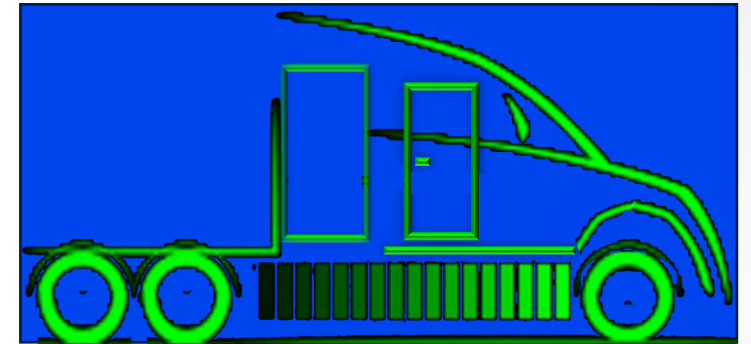
## Advisor Board Member – Bob Galyen

Top executive in battery energy storage world and science/ engineering communities. Retired CTO of CATL; Chairman of SAE International Battery Standards Steering Committee; SAE Fellow, Chairman Emeritus and CTO of NAATbatt International

# CSI Focus – Leaders in Commercial Vehicle Electrification

## Core Business:

- North American Distributor of EV battery packs & innovative electrical components for trucks and buses since 2019
- Commercial EV experts – provider of applications and integration engineering
- Develop proprietary technologies related to battery packs and EV components
- North American service center for battery systems and EV components



## Growth Strategy:

- Initiate US production of CSI battery packs to meet “*Made in America*” requirements
- Expand CSI’s proprietary technology portfolio:
  - Acquire outright or take equity positions in certain key foreign & domestic component suppliers
  - Accelerate development of battery management and SmartEV Software platforms



# CSI is Unique in Commercial EVs

Premier supplier of  
World Class EV battery  
systems and innovative  
technology to electrify  
commercial vehicles

Technology for a  
Greener Planet

CSI is the **ONLY** company providing:

- **CATL Battery Systems**
- North American solution provider for **CATL** battery systems for commercial EVs
- **World Class Smart EV Accessories**
- Complete suite of Plug and Play smart accessories enables extraordinary performance and fast time to market
- **Expert EV Engineering**
- CSI decades of EV experience makes our partners' vehicles exceptional

CSI breaks down the cost barriers and accelerates mass adoption of commercial EVs

- **Lowest Total Cost of Ownership**
  - Lower cost components
  - Lower integration costs
  - Lower operation cost

CSI Headquarters – Livermore, California



Inspiration:

Charles de Coulomb

Pioneering discoveries in  
electricity & magnetism

# CSI's Unparalleled Value Proposition



Envisions and delivers industry leading products with superior reliability before the industry recognizes the need for it



Eliminates cost barriers that allow Commercial OEM's and fleets to electrify



Provides faster time to market and lowest TCO



Accelerates mass adoption!



## LOWER OPERATING COST

EV's have significantly lower operating costs than diesel vehicles

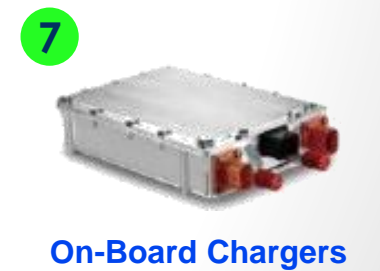
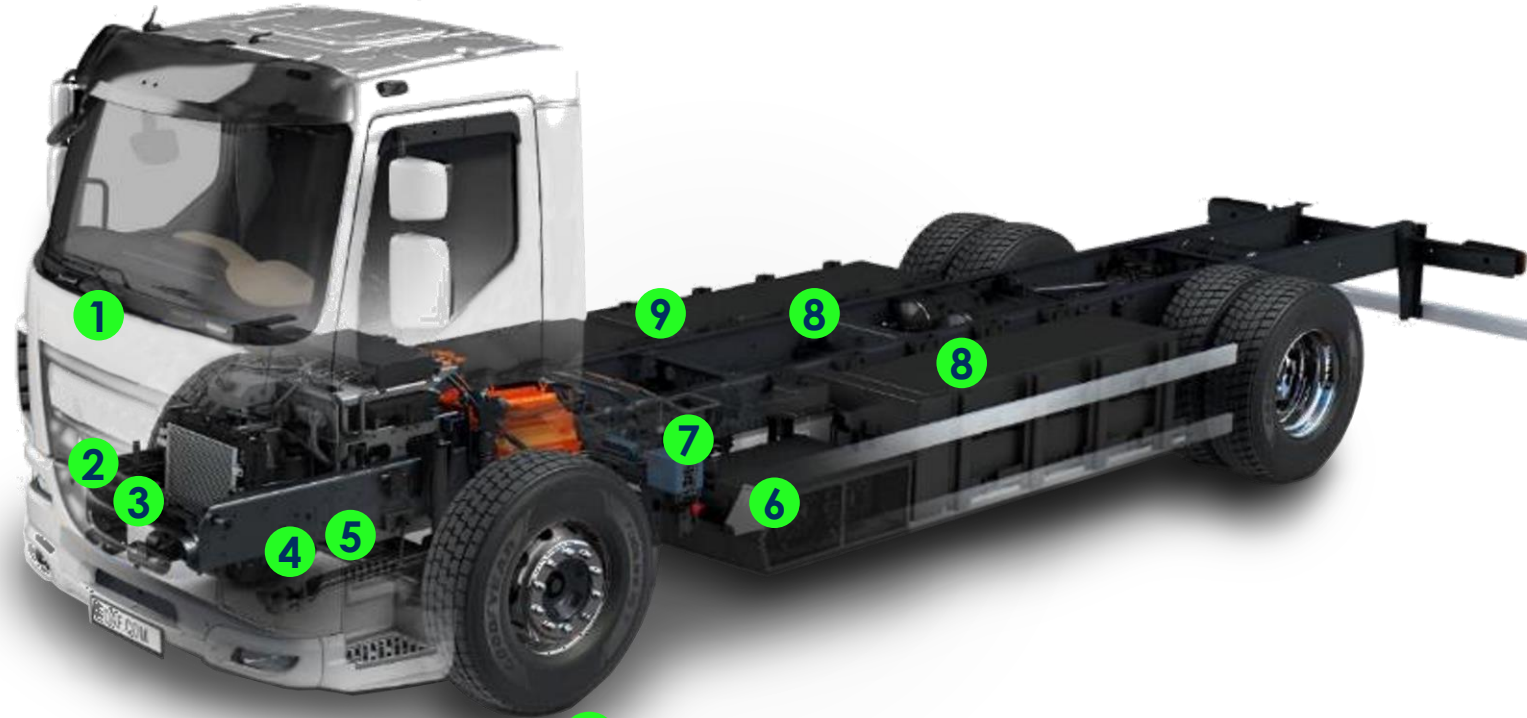
## LOWER INTEGRATION COST

"Plug & Play" components allow for easy integration  
Saves thousands of dollars over custom integration

## LOWER PURCHASE COST

"High Quality / Volume Components  
30 – 50% less expensive  
Savings of > \$30,000 + per vehicle

# CSI Offers a Complete Suite of Electrification Components



# CATL & CSI Partnership



**CATL**

- World's Largest battery manufacturer
- Production Capacity: >300GWH
- Batteries in >1.3 million Electric Vehicles
- Over 25.7 billion miles on EVs
- \$300B Company provides strong warranty

We Provide  
the “Best of  
Both Worlds”  
to North  
American  
Customers



**CSI**

- NA Customer Relationships & Strong Reputation
- NA Market and battery requirements expertise
- NA Battery System Application Engineering
- NA Service/Parts Centers
- Establishing US Battery Pack Production Plants

# Commercial Battery and Range Extended EV Market

- North America and Europe Commercial Vehicle Market estimated at \$200 billion in 2020 – IHS Markit
- By 2040 it is estimated that 56% of Light Commercial Vehicles and 31% of Medium Commercial Vehicles will be electrified. – Bloomberg (BNEF)
- Large EV truck/van orders from fleets like Amazon (100,000) and UPS (10,000) are accelerating commercial EV adoption.
- Global electric truck market is estimated to reach \$15 billion by 2030 growing at a CAGR of 51.6% - PS Market Research



Terminal tractors



Agriculture construction



Port drayage



Medium duty delivery



Class 8 Short & long haul



Utility service

**Electric Truck Markets 2021-2041**  
Analysis of the medium and heavy-duty BEV, PHEV & FCEV electric truck markets, detailed COVID-19 adjusted sales, battery demand and market value forecasts by region, LHM and electric motor technologies  
Dr David Wyatt and Luke Gear

IDTechEx Research

*Market for medium and heavy-duty electric trucks to reach \$203 billion by 2041*

PRESCIENT & STRATEGIC INTELLIGENCE  
Where knowledge inspires strategy



School buses



Hotel shuttle buses



Locomotive



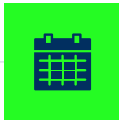
# Standardized Battery Pack Options for Commercial EVs



Standardized packs designed for commercial vehicles enables off-the shelf configurations to match energy and voltage needed for almost all new vehicles 22kWh - 3.5MWh+.



CSI provides custom system connection boxes (SBOX), custom precharge circuitry, and patent pending MSD-contactor assemblies



LFP Packs are capable of 4000 cycles and achieve 8-10 year life in commercial vehicles



Proven in over 450,000 heavy-duty trucks and buses in all climates



5 Year, 240,000 mile warranty standard  
7 Year + Available

## Truck and Bus



28.6kWh -35.1 kWh

C-Pack: 1060mm \* 630mm \* 240mm  
G-Pack: 950mm \* 630mm \* 240mm

## Heavy Truck and Bus



61 kWh - 70 kWh

H01-Pack: 2050mm \* 640mm \* 240mm  
H02-Pack: 1850mm \* 640mm \* 240mm

## Medium Duty Truck & Bus



22 kWh- 40kWh

TX8-Pack: 1720mm \* 520mm \* 240mm  
TB1-Pack: 1090mm \* 460mm \* 240mm  
TB2-Pack: 1300mm \* 460mm \* 240mm

# Plug & Play Smart Accessories for Electric Trucks and Buses



Complete line of world class  
Accessory Products



P&P components enable **fast time to market**

- **NO custom software** enables easy and fast integration without EV expertise



Highly reliable products proven in  
over 10,000 commercial EVs



CSI Proprietary SmartEV™ Software platform

- **Optimized algorithm with AI learning** enables highly efficient Plug and Play operation
- Eliminates complex central vehicle controllers



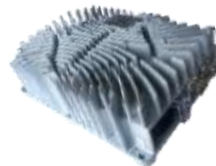
Battery Chiller



On-Board Charger



DCDC Converter



Accessory Inverter



Steering Pump



Electric Heater



AC Compressor



Scroll Air Compressor

# OUR MISSION

Electrify the world's commercial vehicles with innovative zero emission drive solutions to better the earth for society



Technology for a  
Greener Planet

Thank you!