Delta Thailand Briefing

FY2023 Earnings – Twelve Month Period Ended 31 December 2023



Corporate Mission

To provide innovative, clean and energy-efficient solutions for a better tomorrow.

1,508 Delta PV inverters with up to 98.6% efficiency support a 75.4MW solar energy project in Denmark to power 32,250 homes / year



Brand Promise Smarter. Greener. Together.

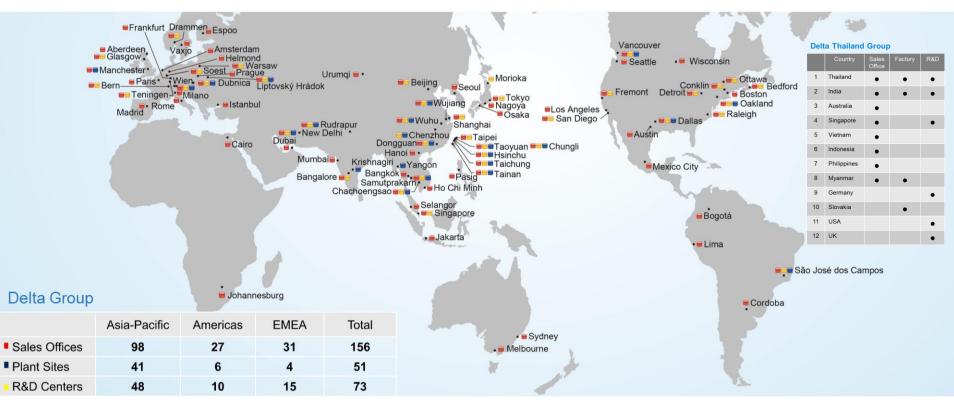
"Smarter" is our continuous innovation in power electronics technology. **"Greener"** represents Delta's mission since our founding. "Together" is our business philosophy in building long-term partnership with our stakeholders.

Corporate Culture

Integrity	Honestly dedicated to achieving quality with our work, upholding the highest level of professional standards and matching our words with action.	Integrity
Innovation	Looking ahead to discover future possibilities, embracing continuous learning to innovate on creative solutions and breaking through the status quo.	Empowerment Innovation
Collaboration	Creating synergetic partnerships that achieve shared goals with agility and precision, putting partners, clients and users at the center of our collaborative efforts.	Inclusion
Inclusion	Open to diverse perspectives, respecting of differing opinions and inclusive of various backgrounds that offer unique contributions.	Collaboration
Empowerment	Achieving our own success by empowering others to realize their own goals, encouraging active and enthusiastic growth to fulfill everyone's potential.	Cit in the second s



Delta Group Global Operation





Delta Group Overview

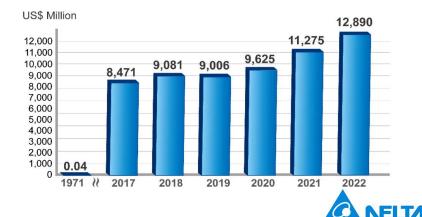
- Founded in 1971
- World's Leader in Switching Power Supplies and DC Brushless Fans
- Dedicated to providing:
 - **Telecom Power Systems**
 - Industrial Automation
 - Passive and Magnetic Components
 - **Networking Products**
 - Visual Displays
 - Data Center Infrastructure
 - Renewable Energy and Energy Storage
 - **EV Charging Infrastructure**



Bruce Chena Founder and Honorary Chairman

Yancey Hai Chairman

Worldwide Revenues

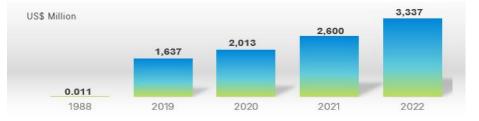


Delta Thailand Overview

Group R&D

EAST KILBRIDE, SCOTLAND - UK

- Founded in 1988
- Thailand's largest SET-listed electronics manufacturer on the Stock Exchange of Thailand
- Business management center for Southeast Asia, India and Australia/ New Zealand markets
- Product development management center with R&D centers in Bangkok (Thailand), Soest/ Teningen (Germany),UK, USA, India
- Manufacturing management center to synergize advanced technologies and highly efficient production across manufacturing plants in Thailand, India, Slovakia





SOEST, GERMANY Storage, Server, Telecom, Networking, Automotive Power, Wind power





TENINGEN, GERMANY Industrial, Medical Power





Delta Thailand Diversified Production Facilities

Strategic locations of Thailand factories

Delta Thailand's manufacturing plants are built near important seaports and international airport to ensure efficiency and security of logistics for global and regional delivery.



Country	Location	Occ %*	Product
Thailand	Bangpoo: Plant 1	78%	Automotive Electronics Product
	Bangpoo: Plant 3	84%	DNI Delta networking product Magnetics & Solenoids Product for Internal Use
	Bangpoo: Plant 5	100%	IT/ Appliance/ Industrial Power Solutions/ Customer Design Power/ Communication & Information Solutions/ Industrial & Medical Power
	Wellgrow: Plant 6	58%	DC Fan/ EMI Filter & Solenoids
	Wellgrow: Plant 7	88%	Computer & Networking/ DC Power
India	Gurgaon	88%	Display solutions products/ Industrial Automation
	Rudrapur	99%	Telecom Power System/ UPS/ Wind Power Converter
	Krishnagiri	82%	Power Supply/ Industrial Automation
Slovakia	Nova Dubnica	75%	Medical & Industrial Power Supply/ Bulk Power/ Telecom Power System
	Liptovsky Hradok	85%	Eltek Telecom Power System

* Occupancy As at 31 December 2023



Major Shareholders

A subsidiary of Delta Electronics, Inc. (Taiwan)

Top Shareholders (as of 1 March 2023)	Holding	%
DELTA ELETRONICS INT'L (SINGAPORE) PTE. LTD	534,479,306	42.85%
DELTA INTERNATIONAL HOLDING LIMITED	191,984,450	15.39%
CITI (NOMINEES) LIMITED-CBHK-PBGSG-RESTRICTED SHARES	172,845,420	13.86%
DELTA ELECTRONICS INC.	69,128,140	5.54%
THE HONGKONG AND SHANGHAI BANKING CORPORATION LIMITED, HONGKONG BRANCH	60,200,000	4.83%
RAFFLES NOMINEES (PTE) LIMITED	57,857,500	4.64%
UBS AG HONG KONG BRANCH	54,760,000	4.39%
THAI NVDR COMPANY LIMITED	40,108,816	3.22%
SOUTH EAST ASIA UK (TYPE C) NOMINEES LIMITED	11,270,567	0.90%
STATE STREET EUROPE LIMITED	7,574,457	0.61%
OTHERS	47,172,958	3.78%
Total Shareholdings	1,247,381,614	100.00%



Business Categories













Delta Green Solutions







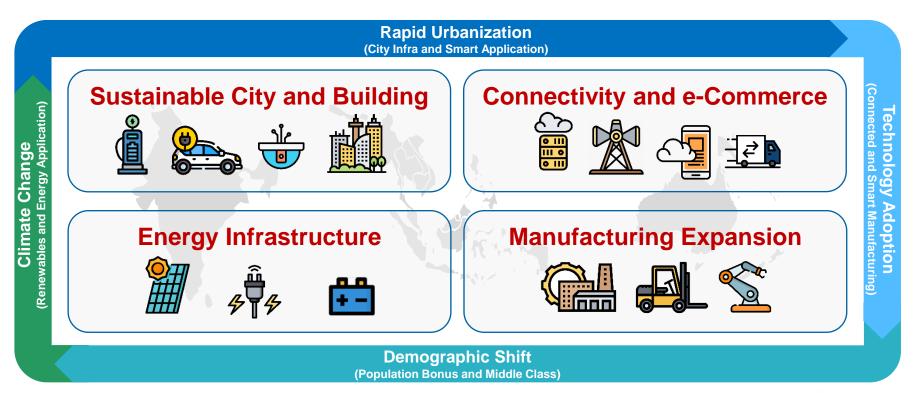
Smart Green Factory

Green Factory + Smart Energy-saving Monitoring Solutions



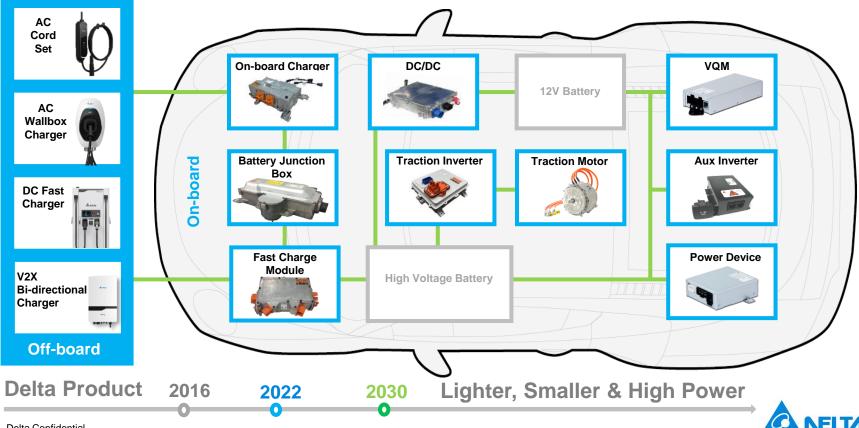


Delta Solutions Address Global Megatrends

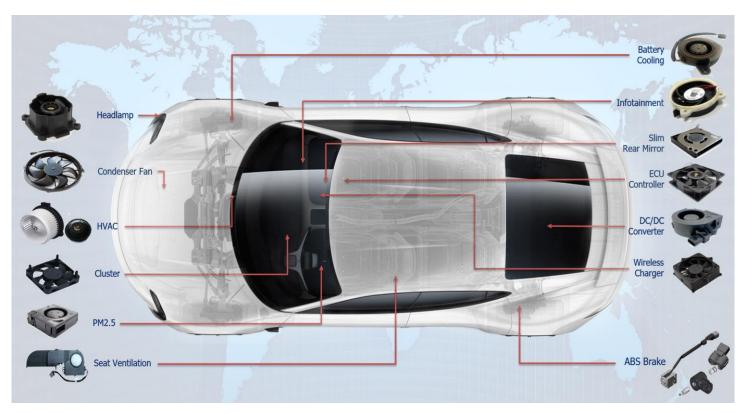




Delta Electric Vehicle Solutions



Delta Thermal Management Products





A Business Built on Sustainability





Delta Thailand ESG Recognitions





4Q-2023 Financial Performance



Financial Highlights

Unit : USD Million

Product Group	1Q21	2Q21	3Q21	4Q21	1Q22	2Q22	3Q22	4Q22	1Q23	2Q23	3Q23	4Q23
Power Electronics	448	478	470	507	558	610	667	727	726	827	955	855
Infrastructure	158	161	154	159	160	177	161	188	183	158	147	145
Automation	18	16	16	15	21	21	20	23	30	29	25	25
Others	1	1	1	1	2	1	0	1	1	1	1	1
Sale Revenue	625	656	641	682	741	809	849	939	940	1,014	1,129	1,027
YoY Growth	55%	46%	15%	16%	19%	23%	32%	38%	27%	25%	33%	9%
Gross Profit	136 21.8%	144 22.0%	124 19.4%	134 19.6%	157 21.3%	204 25.3%	197 23.2%	232 24.7%	195 20.8%	237 23.3%	257 22.8%	241 23.5%
Operating Profit	46 7.4%	45 6.8%	40 6.2%	56 8.2%	69 9.3%	113 14.0%	102 12.0%	129 13.7%	97 10.4%	132 13.0%	144 12.8%	127 12.4%
Net Profit	58 9.2%	53 8.0%	46 7.2%	62 <mark>9.2%</mark>	84 11.3%	123 <mark>15.2%</mark>	113 <mark>13.3%</mark>	114 12.1%	106 11.3%		154 13.6%	131 12.7%
YoY Growth	114%	(17%)	(45%)	22%	46%	134%	145%	82%	26%	9%	36%	15%

2019	2020	2021	2022	2023
1,032	1,256	1,903	2,562	3,362
539	686	631	686	633
60	53	66	86	110
5	4	4	3	4
1,636	1,999	2,604	3,337	4,109
(0.2%)	22%	30%	28%	23%
	488 24.4%		-	930 22.6%
75 4.6%		187 7.2%	412 12.3%	500 12.2%
94 5.8% (40%)	225 11.3% 139%	209 8.0% (7%)	434 13.0% 108%	
			2	ELTA

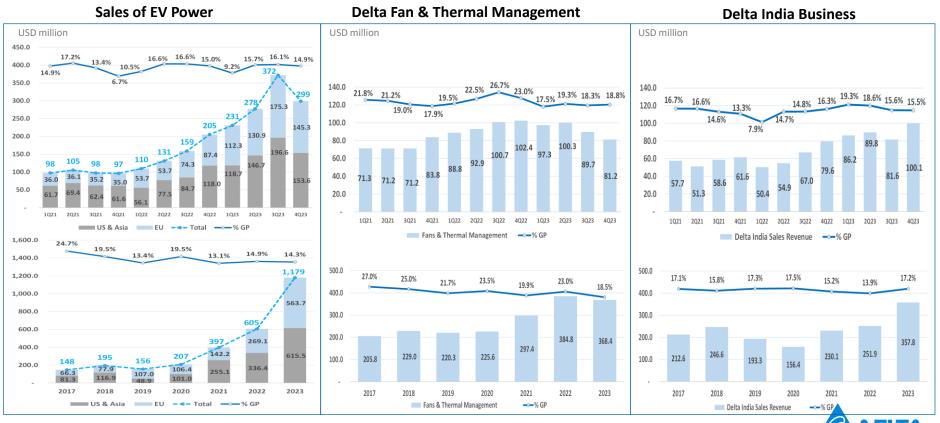
Revenue Structure & Geographic Profile

54.5% 4,500 45.7% 37.7% 32.4% 33.0% 26.9% 25.4% 30.3% 28.2% 4,000 2023 23.3% 23.1% 22.1% 18.6% 15% 13.7% 9.3% 2022 15.2% 3,500 19% 0 16.0% 8.9% 13% -0.2% 3,000 15% 2,500 349 35% 2,000 1,500 1,000 500 USA China Germany India Ireland Taiwan Singapore Norway 1Q21 2Q21 3Q21 4Q21 1Q22 2Q22 3Q22 4Q22 1Q23 2Q23 3Q23 4Q23 2017 2018 2019 2020 2021 2022 2023 Nethelands Mexico Others Power Electronics - Yearly Growth Infrastructure Automation Others

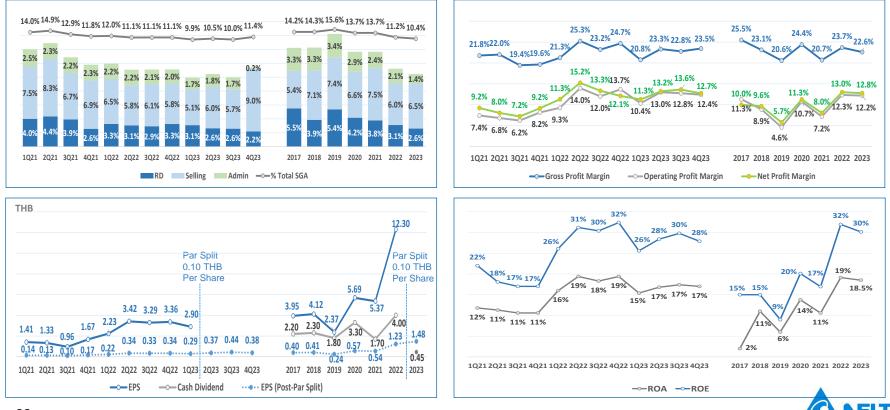


Sales Revenue (USD million)

Segmental Revenue Performance



Profitability Performance



Smarter. Greener. Together.



IR@deltathailand.com

To learn more about Delta, please visit <u>www.DeltaThailand.com</u> or scan the QR code

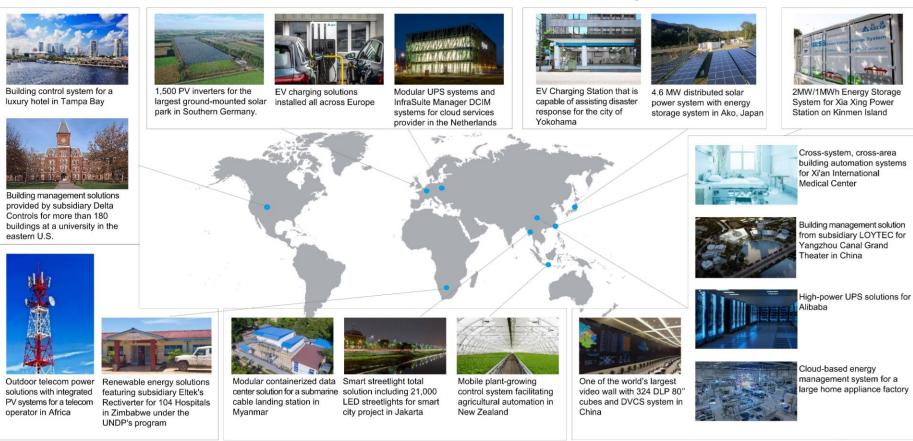


High Value Added Products & Solutions

To deliver best in class solutions with energy efficient and sustainable technology



Success Stories of Delta Group





Energy Savings for Customers

From 2010 to 2022, Delta's high-efficiency products & solutions enabled:





Thailand



- Established in 1999
- Producing DC-DC Converters, Consumer Electronics Adaptor, Server, Networking, Telecom and Energy Storage Power Supplies
- R&D facility
- 778,250ft² (72,300m²)





- Established in 1990
- Producing Automotive Electronics
- 272,550ft² (25,320m²)



Highly automated production



- Established in 2019
- Producing

Networking Products

155,000ft²
(14,400m²)

- Highly automated component
- ighly automated compone assembly



Thailand



- Established in 2001
- Producing DC Fans, EMI Filters, Magnetic Components and Solenoids/Valve
- R&D facility
- 376,600ft² (35,000m²)



High-tech Parylene Coating Process



- Established in 2021
- Producing DC-DC Converters, Server,
 - Networking and Storage
 - Power Supply
- 531,758 ft² (49,402m²)





- To be operational in Q1' 2024
- Mainly for EV and ICT-related products to meet growing demand
- Both manufacturing and RD facilities
- 327,223ft² (30,400m²)



India



- The company was established since 1992 with current building in operation since 2009
- Major products: Display solutions
- R&D facility
- 118,403ft² (11,000m²)



association with

LEED

Rudrapur Plant



- Established: 2008
- Certified Gold rated Green Building
- Major products: Telecom
 - Power Systems and UPS
- 215,284ft² (20,000m²)



IGBC Certified GOLD Green Building in association with LEED



India



- Fully operational: Q3 2023
- Main R&D center for India
- Products: Railways(PQC), EV, solar, two wheeler charging
- 209,896.5ft² (19,500m²)



- Established: 2020
- Mainly for EV and ICT related products to meet growing demand
- 2,530,836ft² (235,122m²)



Slovakia



- Established since 2007
- Major products: High end Server Networking, Industrial, Medical, Solar Inverter, Telecom Power System, EV chargers
- Total land area: 72,000m²
- IMS: ISO 9001/14001, OHSAS 18001
- Medical: ISO 13485



- Established since 2022
- Major products: Cabinets, IT and Telecom Power Solutions
- Total land area: 5,100 m²



Germany



 Developing advanced power products for storage, server, telecom, networking, automotive and wind energy.





- Established since 2022
- Major products: Cabinets, IT and Telecom Power Solutions
- Total land area: 5,100 m²





Delta is Everywhere

We Provide the Answers with High Value Added Products & Solutions



Delta datacenter for leading telco in Vietnam



Delta provides Mitsubishi Thailand with EV charger and battery solutions



Delta security cam in Bangkok's public transport



Delta EV chargers in major Bangkok mall

Power Electronics Components









Power Chokes for Portable Devices / Cloud Computing / Automotive Ultra Small Sizes down to 1.2*1.0*0.6 mm³ Max Operating Temp. 180°C

Optical Transceiver Modules

RF Modules

EMI Filters / Solenoids



Power Magnetic Components for Portable Devices / Industrial / Automotive Applications



Power Modules for Portable Devices / Cloud Computing / Industrial Applications Smallest Sizes down to 2.0*2.5*1.1 mm³



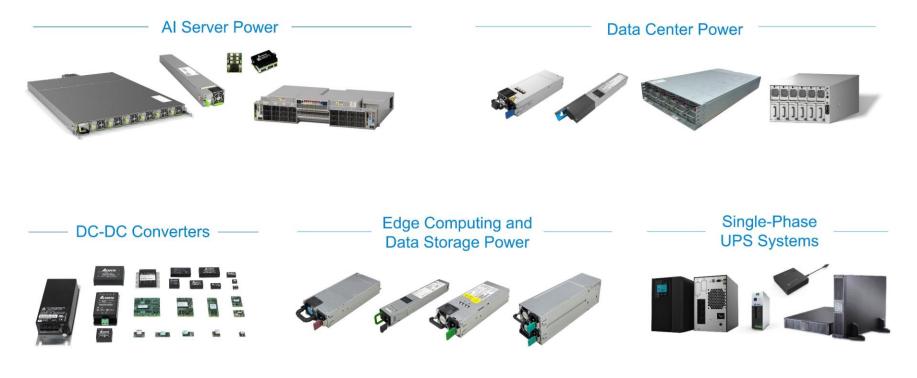
Current Sensing Resistors for Portable Devices / Automotive / Industrial Applications Small Sizes down to 0201mm High Wattage up to 36W Automotive Shunt Sensor Modules High Accuracy ±0.1% / ASIL-C



Miniaturization Fuse Resistance Protectors Small Sizes down to 4.0*3.0*0.85 mm³



Power & System





Power & System

Networking Power



Ethernet Switch and Router Power Supplies



Network Device Power Supplies



Workstation Computer and High-end Desktop Computer Power Supplies



Client Device Power

Surveillance and Safety Device Power Supplies



Multi-Function Printer Power Board



WiFi Router Adapter



CPE Power Supplies and PoE Injectors



Game Console Power Supplies



Portable Adapters



Portable Power Station



Power Electronics

Power & System

Medical Power Supplies

Industrial Power Supplies



Industrial Power Supplies



Medical Power Supplies



LED Drivers



Commercial LED Drivers

Signage LED Drivers





Outdoor LED Drivers

Industrial Adapters



apters DC-UPS & Redundancy Modules



Medical Adapters





Refrigerator / Freezer LED Drivers



Power & System



Power Electronics Fans & Thermal Management



Server, Storage, Industrial and Consumer Fans and Blowers



Thermal Management Products : Liquid and Air Cooling Solutions



Slim Vapor Chambers / Heat Pipes / Slim Fans and Blowers



Automotive Fans and Blowers / Thermal Management Products



Electronically Commutated Fans



Ventilation Fans / Heater Fans Fresh Air Systems / Circulation Fans

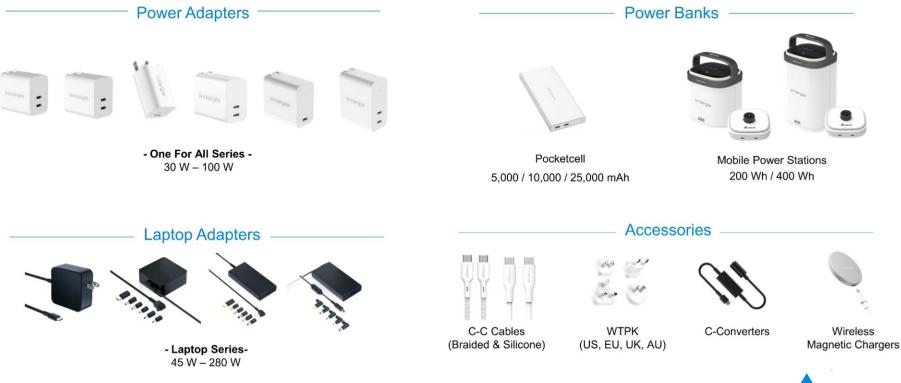


Climate Thermal Solution Products : Air Conditioners and Heat Exchangers



Power Electronics

A brand of 🛕 SELTA





Mobility EV Powertrain Systems

EV Power Electronics



400V On Board Chargers



800V Bi-Directional OBC



On Board Generators



800V On Board Chargers



400V Bi-Directional OBC



400V DC/DC Converters



800V DC/DC Converters



EVCC (Electric Vehicle Communication Controller)



Auxiliary Inverters



Mobility EV Powertrain Systems





OBCM-DCDC Integration



X-in-1

Bi-directional OBCM-DCDC Integration



400V Traction Motors



800V Traction Motors



800V Traction Inverters



Integrated Motor Drives



Inverter-OBCM-DCDC Integration



Inverter-OBCM-DCDC-EVCC Integration



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Industrial Automation

-Automation Integration -

- Manufacturing Management — Intra-Plant Logistics

DIAEAP Equipment Automation Program

DIASECS

Semiconductor Equipment Standard Communication and Control Application Software

DIACFX

Electronics Assembly Equipment Standard Communication and Control Application Software

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DIAMES Manufacturing Execution System

DIAEMS Equipment Management System

Equipment Management Oys

DIASPC

Statistical Process Control

DIASVP

Smart Visualization Platform

DIAAMS

Alarm Management System



DIAWMS Warehouse Management System

DIAMCS Material Control System

Energy Saving & Facility Monitoring



VTScada | DIAView SCADA System

DIAEnergie Industrial Energy Management System (IEMS)



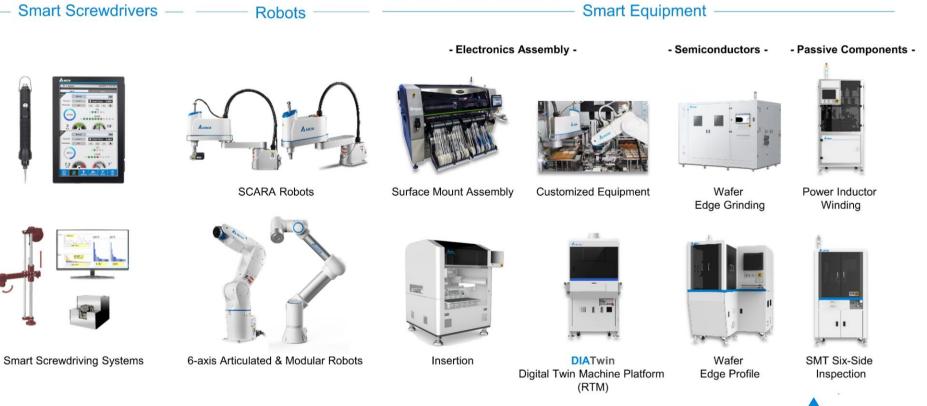
Equipment Predictive Maintenance (PdM AI)





FT

Industrial Automation



Industrial Automation

Network



IIoT Industrial Cloud Routers / Industrial Fieldbus Solutions



Industrial Network Solutions



Industrial PCs (IPC / PPC)



Human Machine Interfaces (HMI)



Programmable Logic Controllers (PLC)



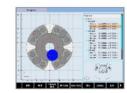
PLC-Based / Standalone Motion Controllers



CNC Controllers



Temperature Controllers



CAD / CAM Computer-Aided Design / Manufacturing





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Robot Controllers



Control



Industrial Automation

Drive & Motion

Field Devices



AC Motor Drives



Servo Systems







Pressure Sensors

Optical Sensors

Motion Sensors



e-LSV / e-Bike / e-Scooter Powertrains











Smart Power Meters



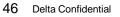
Planetary Gearboxes

Linear Motion

Industrial Cameras











Building Automation

hallull handl

Al Surveillance





- Access -



Network Video Recorders



Network Cameras

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Facial Recognition Cameras and Readers



Sensor Hubs



23,9 Delta



Multi-Sensors





IoT Controllers / Automation Servers / I/O Controllers



Programmable Touch Panels





Access Controllers







Room Controllers



Lighting Controllers and Modules

Digital Building Management

- HVAC Control / Room Control / Lighting Control / Energy Management / Facility Maintenance-



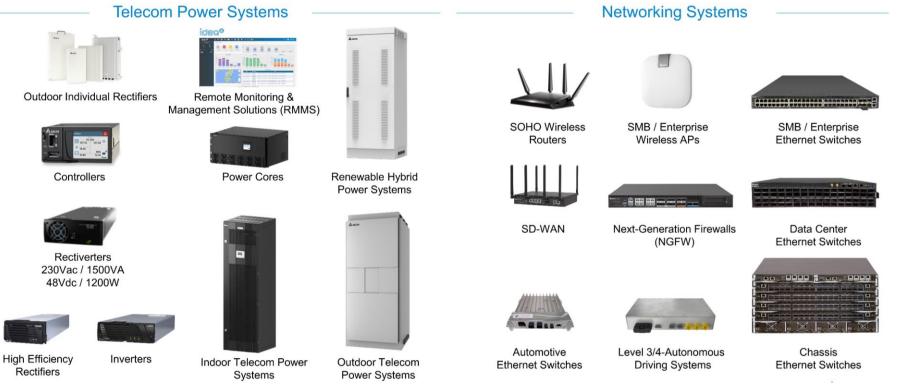




Building Automation



Infrastructure





Infrastructure

UPS & Data Center Infrastructure



FIT

Infrastructure **Energy Infrastructure**



DC Chargers



AC Chargers

V2X Chargers



DeltaGrid® EM **Energy Management** Systems



Renewables and Energy Storage

DeltaGrid® Gateway and Controllers



PV Inverters



Wind Power Converters



DC Fast Chargers



DeltaGrid® EVM **EV Charging Management** Systems



Prefabricated Energy Storage Systems



Power Conditioning Systems



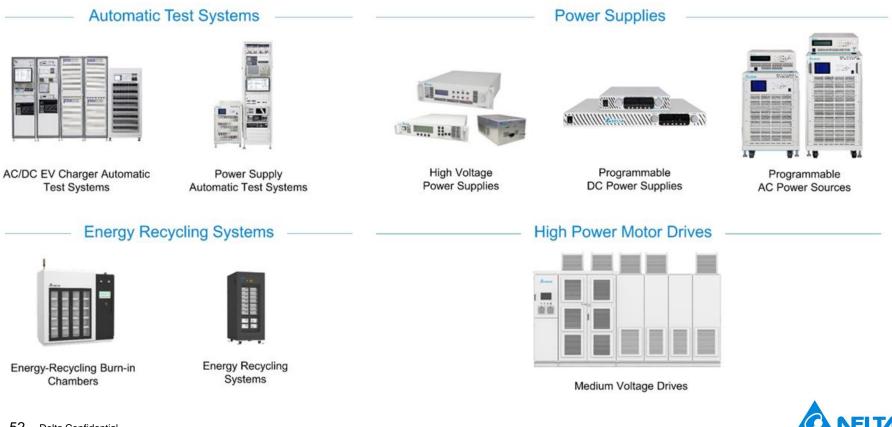
Battery Energy Storage Systems





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Infrastructure Industrial Solutions



Infrastructure Image & Medical





Infrastructure Display Solutions

Display & Visualization



Distributive Vision Control Systems (DVCS)





DLP Video Walls



LED Displays



Infrastructure

A brand of A belta



Pocket & Personal Projectors



Portable Projectors



Home Cinema Projectors

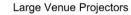


Multimedia Projectors



Education Projectors







Novo Collaboration Solutions



Where You Can Find Us

www.deltathailand.com

IR@deltathailand.com











