



Power Conversion and Electrical Safety Test
Instruments and Automated Systems



Company Presentation – North America
2019

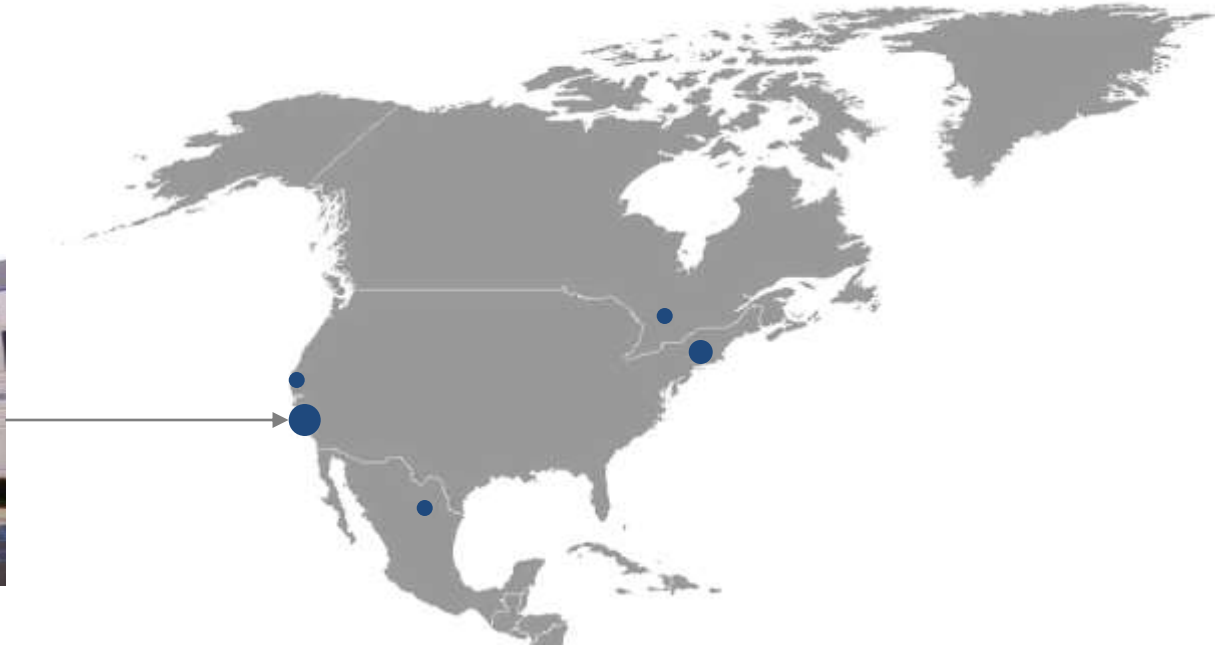
A global organization with local service



North American sales and service locations



Corporate office
Foothill Ranch, CA



Test Solutions

- Automatic Test System



- DC Power Supply

- AC Power Source

- AC / DC Electronic Load

- Digital Power Meter



Markets served

Our programmable power supplies, electronic loads, measurement instruments and automated testing systems provide solutions for many applications

- Aerospace
- Defense
- Marine
- AC-DC / DC-DC Power Supplies
- Automotive
- Medical
- Battery
- Solar
- LED / lighting
- Fuel cell



Automated systems

Battery test systems

- 17011 Battery Cell Charge / Discharge Tests System
- 17020 Battery Module and Pack – Recyclable Charge / Discharge Test System
- 17030 Battery Pack – Recyclable Charge / Discharge Test System
- Battery Pro software

17020

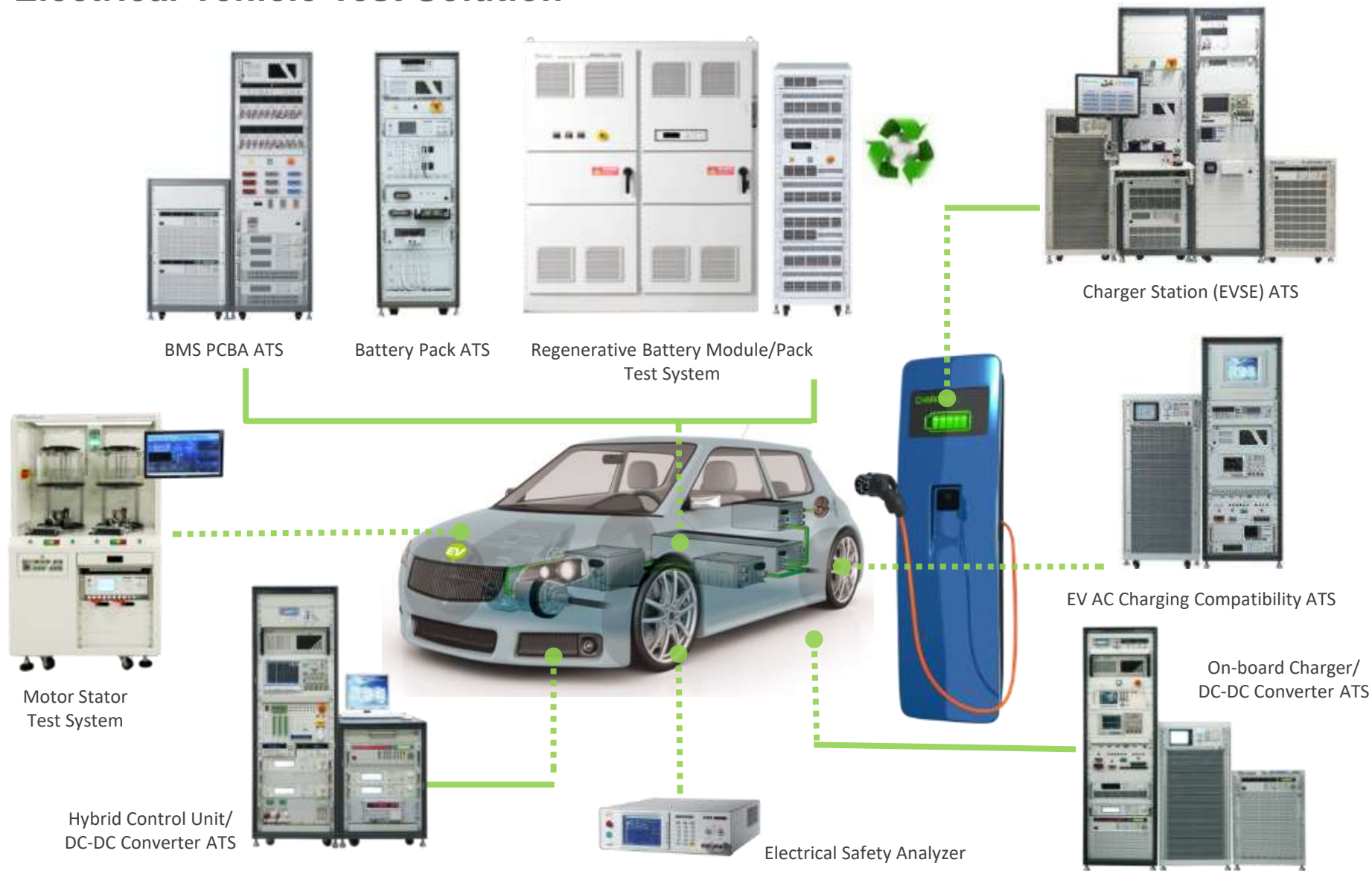


17011

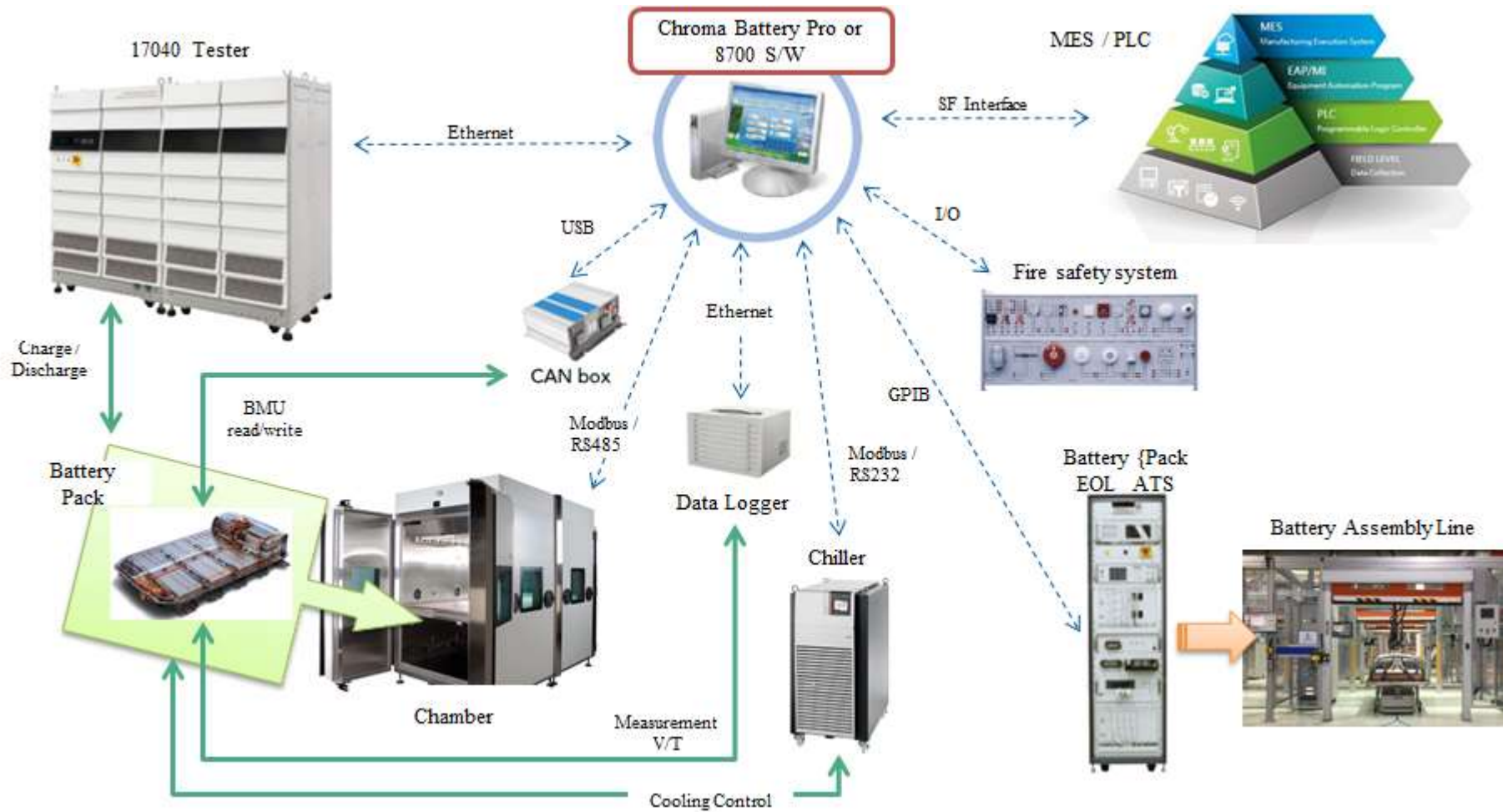


17030

Electrical Vehicle Test Solution



System integration



Automated systems

EVSE test system

- Chroma's 8000 ATS specializing in verification of EV Supply Equipment (EVSE)
- Fully complies with SAE-J1772, CNS15511, GB/T 20234.2 test requirements
- Simulates various power grid and electric vehicle conditions
- Optimized standard test items: user only needs to confirm the test conditions and specifications



Electric Vehicle Supply Equipment ATS

Automated systems

C8000 automated tester

Chroma Systems Solutions designs and supplies Automated Test Systems in Power Supply, Communication, Aerospace, and National Defense industries, as well as alternative energy markets such as Electric Vehicles, LED Driver, Solar Inverter and Panels, Fuel Cells, and Battery.

- High accuracy and repetitive measurements
- Statistical and user editable test reporting
- Remote monitoring
- PowerPro III software



C8000

Automated systems

Safety test systems

- Sentinel I Test System - electrical safety testing to IEC60601-1, ideal for medical products with one or no patient connections or low volume production
- Sentinel II Test System - provides fully automated, complete Electrical Safety Testing to IEC60601-1
- Sentinel III Test System - provides fully automated, complete electrical safety testing to IEC60601-1 and IEC 60601-2-49 (Multifunctional Patient Monitoring Equipment). Scans patient connections for leakage current without powering down the device.
- CaptivATE software



Sentinel II



Sentinel III

Thank You

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