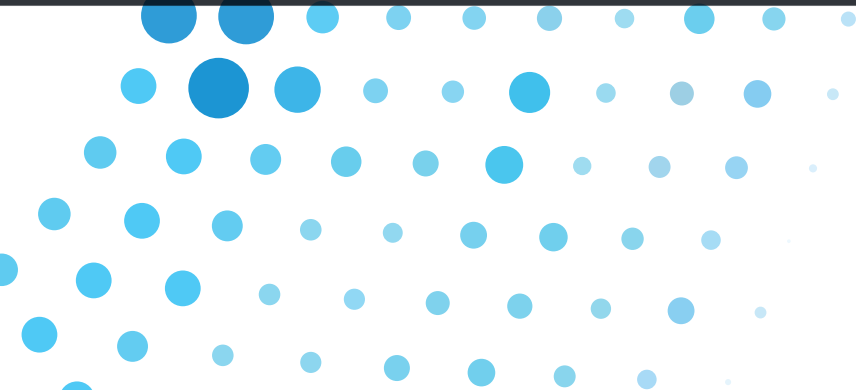


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MISSION-READY POWER

Engineering Better Battery Decisions

General Product
Catalogue 2026

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Vision

Enable organizations to improve battery reliability, operational readiness, and equipment uptime across mission-critical environments anytime, anywhere, while supporting a more sustainable energy future.



Mission

Deliver advanced battery diagnostics, charging technologies, and analytics that help organizations make better battery decisions and improve operational performance.

Through innovation and engineering excellence, Cadex continues to expand its impact across global industries.

Our History



About us

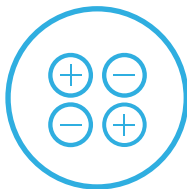
For over 40 years, Cadex Electronics has delivered battery diagnostics, charging, and lifecycle management solutions for mission-critical operations worldwide.

Serving customers in over 100 countries, Cadex helps organizations improve battery reliability, operational readiness, and equipment uptime across a wide range of mobile power applications.

Headquartered in Richmond, Canada, with a presence in the USA and Germany, Cadex continues to advance battery intelligence through engineering and operational insight.



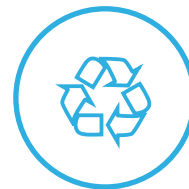
Complete Battery Intelligence Ecosystem



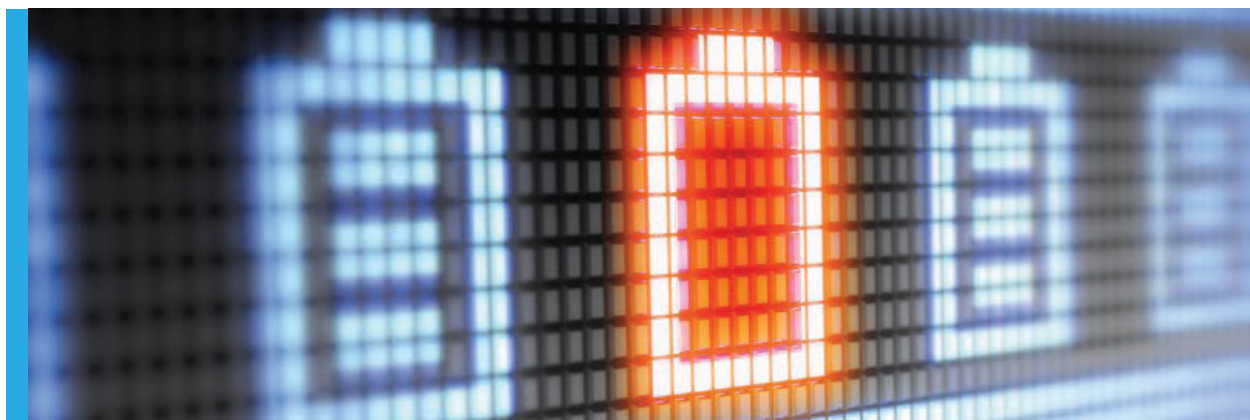
Custom Battery
Packs



Universal Supervisor
Chargers



Battery Lifecycle
Management



Technologies & Patents

Our solutions empower professionals across the world to deliver, and do more. Anytime, anywhere.



BatteryLab™

Lab-graded Battery Software system: Control & monitor the battery test, model battery and machine behavior in your lab



QuickSort™

Ultra-fast and Universal Li-Ion battery SoH check thanks to pre-defined battery profiling



Spectro™

Ultra-fast, non-invasive Capacity & CCA reading in 15 seconds. Ensure reliable power for your on-board electronics



RigidArm™

Your all-in-one! Universal battery adapter suitable for most battery types with almost unlimited mounting orientations



SnapLock™

Plug & Play Adapter System: Cross-device and backwards-compatibility with over 3,200 adapters available

U.S. Patent 7,622,929

| U.S. Patent 7,072,871

| U.S. Patent 7,019,542

| U.S. Patent 6,778,913

Engineering Expertise



Charger & Analyzer Design

- Power Management
- PCBs
- Charging Algorithms
- Protection Circuits



Battery Design

- All chemistries
- Smart Battery Management Systems
- Designed for Critical Environments



Electro-Mechanical Design

- Plastics and Metals
- Control Circuits and PCBs



Embedded Software

- User interface
- System Communications



PC Software Applications

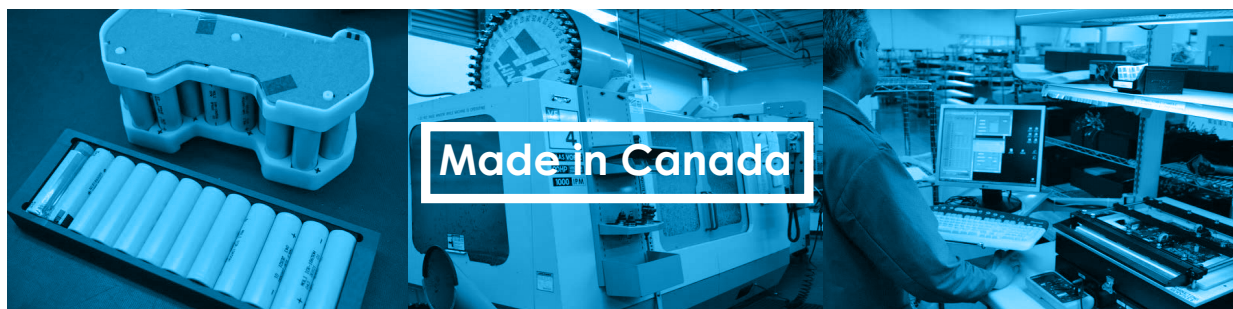
- Data Management
- Reporting and Analysis



Regulatory & Compliance

- CSA, UL, CE, PSE, FDA
- ISO9001, ISO13485

Manufacturing Capability



Industries



Aerospace



Automotive



Cellular



Electrical utilities



Healthcare



IT



Logistics



Machinery



Military



Public Safety



Mobile Radio



Research



Retail



UAV/Drones

Customers & Partners

We serve clients across the world, from Fortune 500 to local companies serving specific needs. With off-the-shelf products, or fully custom batteries and chargers, we empower you to deliver

NASA

amazon

Google

Sprint



GENERAL DYNAMICS



PHILIPS

AIRBUS

FDA

BOEING

FOXCONN

SAMSUNG

LOCKHEED MARTIN

CHICAGO POLICE

Telefonica

Emirates

Bell



L3HARRIS

stryker

Medtronic



HYUNDAI



Mercedes-Benz

Testimonials

We are very pleased with the level of performance of the C7000 and do not know of any other analyzers that can come close to doing the job. They have become an integral part of our Quality Control system.

Karl Hammond,
Service Engineer,
Nokia

We need battery equipment and support that can grow with us and I am confident that Cadex is our best choice.

Peter Gauthier,
Radio Operations
Manager, E-Comm

The Cadex analyzers provide the competitive edge of the best service in the business: immediate in-the-store resolution of technical problems for our customers.

Jeff Sorrels,
Special Project
Manager, Sprint

Our Portfolio

Cadex products offer a complete range from Battery Packs, to Chargers, Analyzers, Testers and Battery Management Systems. We develop our products under our Cadex brand as well as OEM products for clients across the world.



Analyzers

Retail solutions, Service Centers and Professional markets, Laboratory and Manufacturing space

6



Chargers

Universal Supervisor Chargers, standard and custom made, for all kinds of applications

8



Adapters

Supporting more than 3,200 battery models through a portfolio of over 200 custom and universal adapter solutions. Whatever the application, we've got you covered.

10



Testers

The fastest lead-acid battery tester in the market. Know the CCA and Reserve capacity in only 15 seconds. Your Service Drive tool.

11



Battery Packs

From design to manufacture, we develop a complete solution, chargers included

12

Battery Analyzers



C7400-C Series Battery Analyzer

With four-stations and 80 watts of charge power, the Cadex C7400 is most economical in terms of cost per station. The extra stations increase throughput and add flexibility in accommodating batteries that require immediate service.

Battery voltage range 1.2 to 16V	Charge power: 55W/station, 80W total	PART NUMBER
Charge/discharge current up to 4A per station	Discharge power: 35W/station, 140W total	07-740-0100



C7400ER-C Series Battery Analyzer

The Cadex C7400ER is the most powerful of the C7000 Series battery analyzers. Six amps per station, service of 36 volt batteries and 170 watts of continuous power satisfies most service requirements.

Battery voltage range 1.2 to 36V (Li-ion)	Charge power: 75W/station, 170W total	PART NUMBER
Charge/discharge current up to 6A per station	Discharge power: 75W/station, 200W total	07-740-1100

Software

	PART NUMBER
Cadex BatteryShop™ 1	92-770-0000-00
Cadex BatteryShop™ 4	92-770-0002-00
Cadex BatteryShop™ 8	92-770-0003-00
Cadex BatteryShop™ 16	92-770-0004-00
Cadex BatteryShop™ 32	92-770-0005-00

Battery Maintenance Systems – Value Bundles

	PART NUMBER
4-Bay Cadex C7400 C-Series Battery Analyzer 4 Battery Adapters (Price code C-J) Cadex BatteryShop™ 1	BBM4
4-Bay Extended Range Cadex C7400ER C-Series Battery Analyzer 4 Battery Adapters (Price code C-J) Cadex BatteryShop™ 1	BBM4ER

Battery Maintenance Systems (All-in-One Advanced Bundles)

4-Bay Cadex C7400 C-Series Battery Analyzer 4 Battery Adapters (Price code C-J) Cadex BatteryShop™ 1 DYMO 550 Label Printer USB Barcode Reader DYMO Battery Labels 2-Year Extended Warranty (Total = 4 years)	AVBM4
4-Bay Extended Range Cadex C7400ER C-Series Battery Analyzer 4 Battery Adapters (Price code C-J) Cadex BatteryShop™ 1 DYMO 550 Label Printer USB Barcode Reader DYMO Battery Labels 2-Year Extended Warranty (Total = 4 years)	AVBM4ER

Accessories

DYMO 550 Label Printer - Connects to PC USB port, includes USB cable, 100-240VAC	00-004-3095-00
DYMO Battery Labels - 0.75" x 2.5" 500 labels/roll (Compatible with DYMO LW450 & 550)	00-004-3101-00
Cadex Battery Labels - 1.5" x 0.5" (2-up) 1,500/roll (Compatible with DYMO LW 450 only)	00-004-3102-00
2-year Extended warranty	99-100-0000
Voltage Calibration Kit - Traceable to US NIST or Canada NRC	92-770-0212
Voltage Calibration Kit Recertification Fee. Recertification needed every 2 years. Contact Cadex Technical Support for return authorization.	Contact Cadex
USB Barcode Reader - Connects through PC USB port	92-770-0261
Null Modem Cable, 20' - Connects analyzer serial port to PC or Edgeport USB interface	68-931-0012-00
USB Type A Cable - Connects C7000 C-Series analyzer USB port to PC USB port	68-931-0008
7-Port USB Hub - High performance USB 2.0 Hub with Daisy-Chain support	08-020-0000-00



QuickTest™ Battery Health Screening

Estimate battery State of Health (SoH) in approximately 3 minutes. QuickTest provides an approximated capacity response, helping quickly identify batteries that may require further evaluation or replacement.

Battery Analyzers



C8000 Lab Analyzer

The Cadex C8000 delivers the versatility needed to ensure you get the right performance from the batteries used in your applications. The C8000 is a multi-purpose tool that allows you to optimize batteries at every stage of product life.

C8000 Advanced Battery Testing System

PART NUMBER

Cadex C8000 including BatteryLab™ PC Software
4 Channel desktop or rack-mount battery test system with internal 400-Watt power supply, 100-240VAC . Includes C8000 base unit, and BatteryLab PC software on USB Flash Drive, 4 ea. 1.8m (6') power port cables, 4 ea. 1.8m (6') auxiliary data cables, one 3m (10 ft.) Ethernet cable, 1 ea. dual port power cable (DPPC), AC power cords, 1 ea. QuickStart Users Guide, Calibration Certificate. Includes North America, Europe and UK AC cords.

11-308-0000

Upgrades

2-Year Extended Warranty -
Extends original 2-year warranty to 4 years.

99-100-0001

ACCESSORIES

Cadex Load Capture Unit	11-308-0011
Cadex C8000 Adapter Unit Desktop 2-Bay Adapter Unit connects to C8000 Power Ports by designated cables. Provides access to SnapLock™ Battery Adapter (4-wire only) systems shared with other Cadex systems.	07-510-0000
Replacement C8000 Auxiliary Data Cable 1.8m (6ft.) DB 25-based cable including 4 differential analog voltage inputs, 4-input/output control for switching , SMBus, clock, data for smart packs, 2 general-purpose analog input.	17-670-0059
Dual Port Power Cable	92-470-0064-00
Replacement C8000 Power Port Cable 1.8m (6ft.) 4-wire battery test cable with removable alligator clips for easy battery connection.	17-670-0058
C8000 Transport Case – Pelican	87-725-0013
Kit, Alligator Clip – 1.8m (6ft.) with 2mm & 4.4mm jack	92-470-0065-00
C8000 Rack Mounting Kit	92-470-0054



Service Programs help you maintain the battery



Cycle Testing helps you characterize the battery



Custom Programs help you monitor quality and performance



Device Simulation helps you choose the right battery

Universal Supervisor Chargers (USC)

The Cadex Universal Supervisor Chargers (USC) provide advanced charging, diagnostics, and battery management capabilities in a rugged platform designed for industrial and mission-critical environments. Supporting lithium-ion, nickel-cadmium, and nickel-metal-hydride batteries on the same platform, USC chargers help optimize battery performance, extend service life, and support fleet-level battery management through real-time and cloud-connected analytics.

Configurations



USC 1 Battery Management Platform

The Cadex USC1 is a compact single-bay charger designed for desktop and field applications. Advanced charging, calibration, and battery management functions help optimize battery performance and extend service life.

Battery voltage range: 3.6 to 14.4VDC	Charge power: 25W or 50W per bay
Supported battery types: Li-ion, Li-poly, LiFePo, NiCd, NiMH	Discharge power: 8W per bay

USC-1		PART NUMBER
1-Bay	Cadex USC-1 - 25W/Bay, AC Only	11-701-0000-00
	Cadex USC-1 - 25W/Bay, AC/DC	11-701-0100-00
	Cadex USC-1 - 50W/Bay, AC/DC, NA Cord	11-701-1000-00
	Cadex USC-1 - 50W/Bay, AC/DC, EU Cord	11-701-1002-00
	Each unit includes USC-1 base unit, power adapter, quick reference guide, DC Clamp Cable (depending on configuration), Unit Box, and 1 battery adapter.	



USC 2 Battery Management Platform

The Cadex USC2 is a dual-bay charger designed for desktop, wall-mount, and vehicle applications. Intelligent charging and diagnostics support battery fleet management across mission-critical environments.

Battery voltage range: 3.6 to 14.4VDC	Charge power: 25W or 50W per bay
Supported battery types: Li-ion, Li-poly, LiFePo, NiCd, NiMH	Discharge power: 8W per bay

USC-2		PART NUMBER
2-Bay	Cadex USC-2 - 25W/Bay, AC/DC	11-702-0000-00
	Cadex USC-2 - 50W/Bay, AC/DC	11-702-1000-00
	Cadex USC-2 - 25W/Bay, AC/DC, EU Cord	11-702-0001-00
	Cadex USC-2 - 50W/Bay, AC/DC, EU Cord	11-702-1001-00
	Each unit includes USC-2 base unit, power adapter, quick reference guide, DC Clamp Cable (depending on configuration), Unit Box, and 2 battery adapters.	

Universal Supervisor Chargers (USC)

Configurations



USC 6 Battery Management Platform

The Cadex USC6 is a high-throughput six-bay charger built for fleet-scale battery management and service operations. Advanced charging, calibration, and optional cloud-connected workflows support runtime reliability and operational readiness.

Battery voltage range: 3.6 to 14.4VDC	Charge power: 25W or 50W per bay
Supported battery types: Li-ion, Li-poly, LiFePo, NiCd, NiMH	Discharge power: 8W per bay

USC-6		PART NUMBER
6-Bay	Cadex USC-6 - 25W/Bay, AC/DC, NA Cord, WIFI	11-706-0010-00
	Cadex USC-6 - 50W/Bay, AC/DC, NA Cord, W/O WIFI	11-706-0100-00
	Cadex USC-6 - 50W/Bay, AC/DC, NA Cord, WIFI	11-706-1000-00
	Cadex USC-6 - 25W/Bay, AC/DC, EU Cord, WIFI	11-706-0011-00
	Cadex USC-6 - 50W/Bay, AC/DC, EU Cord, W/O WIFI	11-706-0102-00
	Cadex USC-6 - 50W/Bay, AC/DC, EU Cord, WIFI	11-706-1001-00
	Each unit includes USC-6 base unit, power cord, quick reference guide, DC Clamp Cable (depending on configuration), Unit Box, and 6 battery adapters.	



CadexLink enables real-time battery monitoring, diagnostics, and charger management through a connected local host device.



CadexCloud provides centralized fleet analytics, Remaining Useful Life (RUL) tracking, and fleet-wide battery visibility across distributed operations.

Ask about configuring CadexLink and CadexCloud for your battery management workflow and operational requirements.



The USC platform represents the next generation of Cadex charging technology, building upon the proven foundation established by the Universal Conditioning Chargers (UCC) platform. Expanded charging profiles, smart battery diagnostics, CadexCloud connectivity, and advanced programs such as AirShip, Storage, and Calibration provide greater visibility, flexibility, and battery management capabilities for modern mission-critical operations.

Adapters



USC Custom Adapters

Independent Charging for Different Battery Models. Cadex intelligent adapters configure the charger to the C-code (charge-code) of a unique battery type. They can also be factory programmed for your specific battery models. These unique adapters allow the Chargers to service different batteries types simultaneously. That means independent charging for up to 6 different battery models.



Analyzer Custom Adapters

Custom-built SnapLock™ adapters allow easy interface with commercial packs. The adapters contain C-codes (charge-codes) that configure the analyzer to the correct setting. Each adapter can be programmed with 10 C-codes to service different battery types. Cadex adapter solutions support more than 3,200 battery models. If your adapter is not listed on our Battery Adapter Catalogue, please contact us.

Analyzer Universal Adapters



RigidArm™

The RigidArm™ simplifies connecting small (e.g. cellular phone) batteries. Spring-loaded arms meet the battery contacts from the top down and a lockable mechanism allows quick and repetitive testing. The retractable floor holds the battery in vertical or horizontal position.

Part Number: 07-110-0192



FlexArm™

The Cadex FlexArm™ accommodates batteries when no custom adapter is on hand. The probes on the flexible arms reach small and awkwardly placed contacts. Magnetic guides keep the battery in position. A temperature sensor monitors the battery. The gold-plated contacts are user-replaceable.

Part Number: 07-110-0180



Universal Alligator Clips Adapter

The Cadex Smart Cable services larger batteries that are placed outside the unit. The temperature sensor attaches to the battery with a magnet. The alligator clips provide easy connection to batteries with protruding terminals.

Part Number: 07-110-0115

3,200+
BATTERIES SUPPORTED
Across **200+** adapter
solutions



Aerospace



Broadcast



Cellular



Computers



Game Console



Healthcare



Logistics



Military



Power Tools



Radio



Universal



Other

Testers

SPECTRO MODULAR

The Spectro Modular™ platform provide high-throughput battery diagnostics for operations requiring centralized fleet visibility and rapid testing across multiple battery assets.

Rapid non-invasive testing with patented multi-frequency EIS technology assesses battery health and reserve capacity in as little as 30 seconds without requiring full discharge testing or battery downtime.

The cloud-connected analytics provide actionable insight into battery health, operational readiness, and maintenance planning across fleet, telecom, industrial, automotive, and standby power applications.

	PART NUMBER
SPECTRO MODULAR	11-500-0201-00
CM-EXPLORER	11-500-0211-00
CM-DEEP-CYCLE	11-500-0400-00



SPECTRO CA-12

SPECTRO CA-12 OEM

Conventional testers measure CCA only. Cadex Spectro™ Patented 24 Frequency EIS scanning technology can check the impact that on-board electronics have on the battery.

Early battery failure detection with Reserve Capacity (RC) testing allows for scheduled battery replacements, reducing costly unscheduled down times.

Designed for OEMs, fleet operators, and dealer networks, the Spectro CA-12 OEM supports battery health programs, warranty validation, service workflows, and predictive maintenance initiatives across commercial vehicle platforms.

	PART NUMBER
CA-12-OEM	Contact Cadex
Accessories	
Replacement Battery Pack	92-470-0078-00
AC Adapter Kit (with NA power cord)	92-480-0003-00
Fuse	52-813-0701
Calibration Shunt	17-797-0061
USB 2.0 to RS232 Serial Cable	68-950-0014
Thermal Paper (Pack of 10)	89-000-0002
Printer Roller	92-470-0077-00



Custom Battery Packs and Chargers

Cadex specializes in the design and manufacturing of battery packs and chargers. Combining these two capabilities enables us to provide you with a one-stop solution. The most important benefit is matching battery and charger to improve battery performance and extend service life, an improvement that cannot be realized with separate designs.



- Sophisticated BMS designs including custom firmware for data collection and monitoring during research and development stage
- Rugged custom enclosures
- Li-Ion, NiCad, NiMH chemistries
- Range from 3.6 to 90+V, 10Wh to 5+kW
- Test Laboratory
 - Well equipped labs for testing and characterization of individual and fleets of batteries in North America and Europe
 - Battery and cell characterization
 - Lifecycle testing services
- Rapid prototyping of design concepts
- Tight integration between battery pack and charging system optimizes life of battery while maximizing safety.



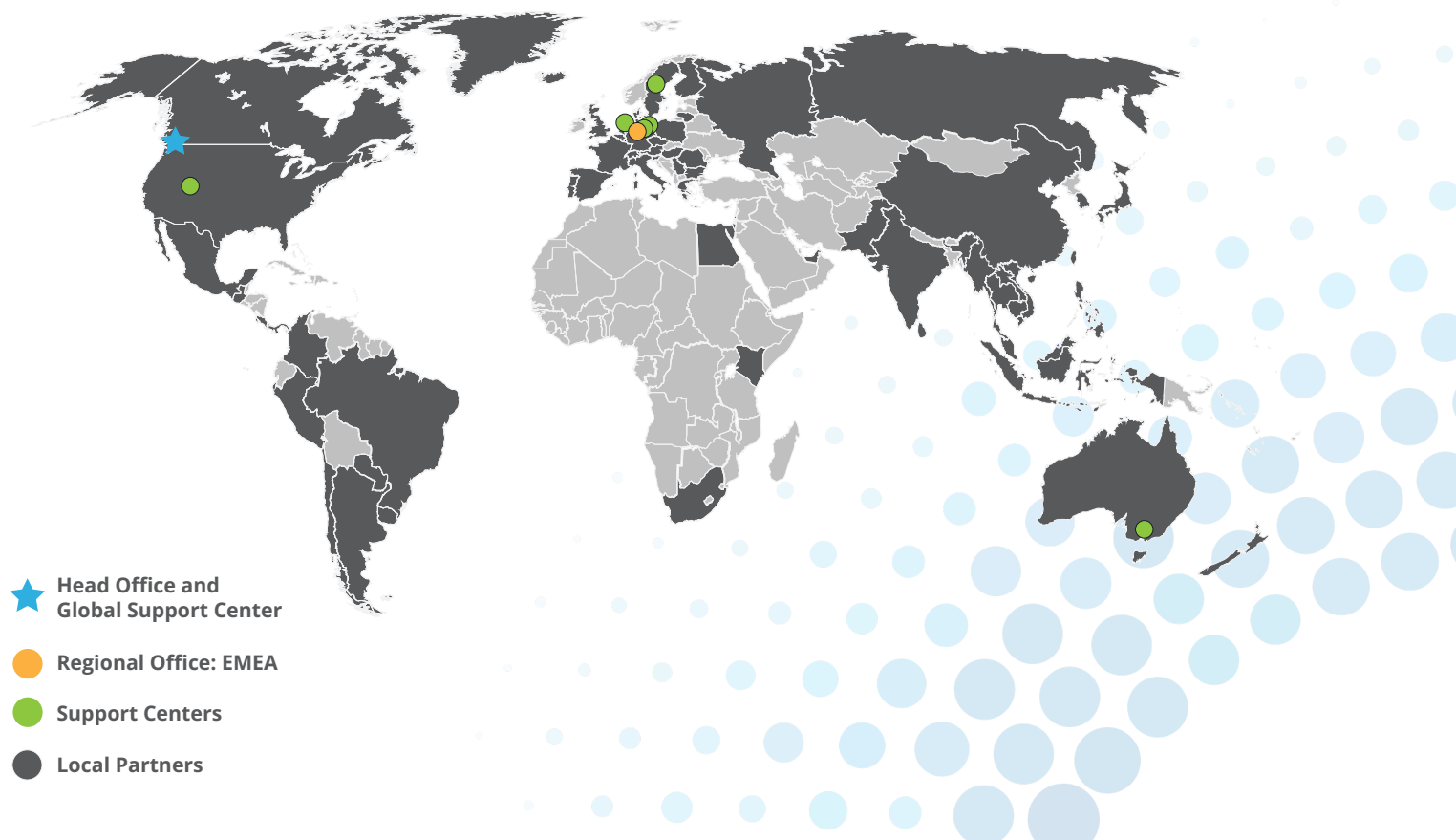
Experience analyzing batteries of all types in mission critical applications

Deep understanding of issues and problems with many pack designs provides unique insight into design requirements

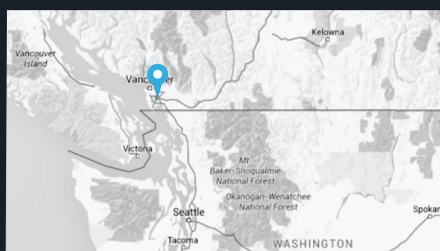


Customized solutions tailored to difficult and complex requirements (Medical, Intrinsically Safe etc)

Global Presence

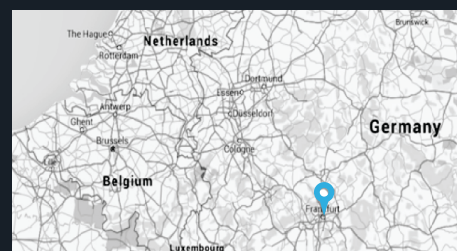


-  **Head Office and Global Support Center**
-  **Regional Office: EMEA**
-  **Support Centers**
-  **Local Partners**



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 cadex.com

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