



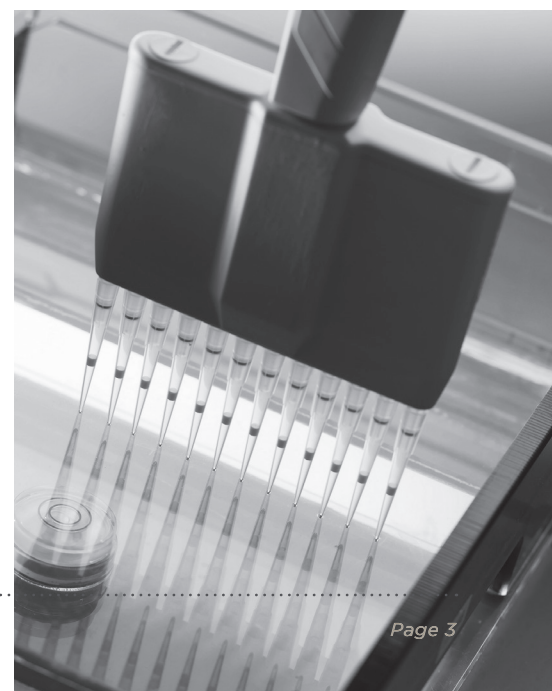
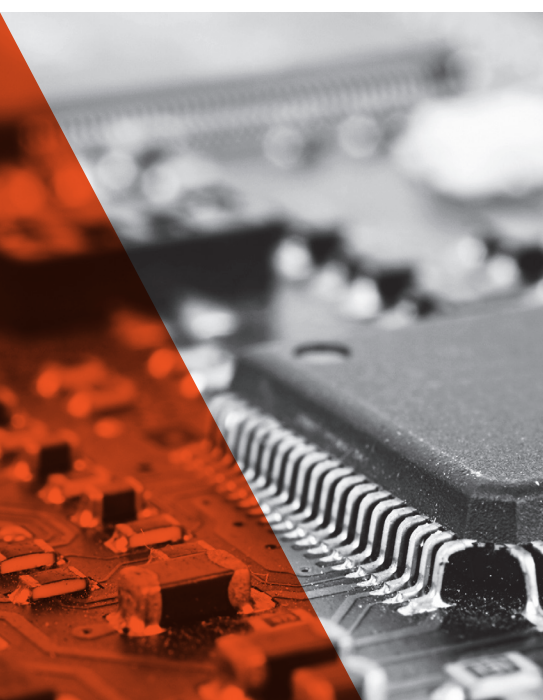
AE HIGH VOLTAGE PRODUCTS
MISSION-CRITICAL HIGH VOLTAGE SYSTEM SOLUTIONS
FOR EXACTING APPLICATION REQUIREMENTS



HIGH VOLTAGE

**SYSTEM
SOLUTIONS
FOR A RANGE
OF END-USER
AND OEM
APPLICATIONS**

Merging more than 30 years of precision power design with the high voltage expertise and technology of UltraVolt and Hitek Power, Advanced Energy® now provides a comprehensive portfolio of standard and custom high voltage components to precisely match system specifications and provide unparalleled energy quality.





AE's continual
***technological
innovation***
anticipates
next-generation
market needs.

OPTIMIZED SYSTEM PERFORMANCE

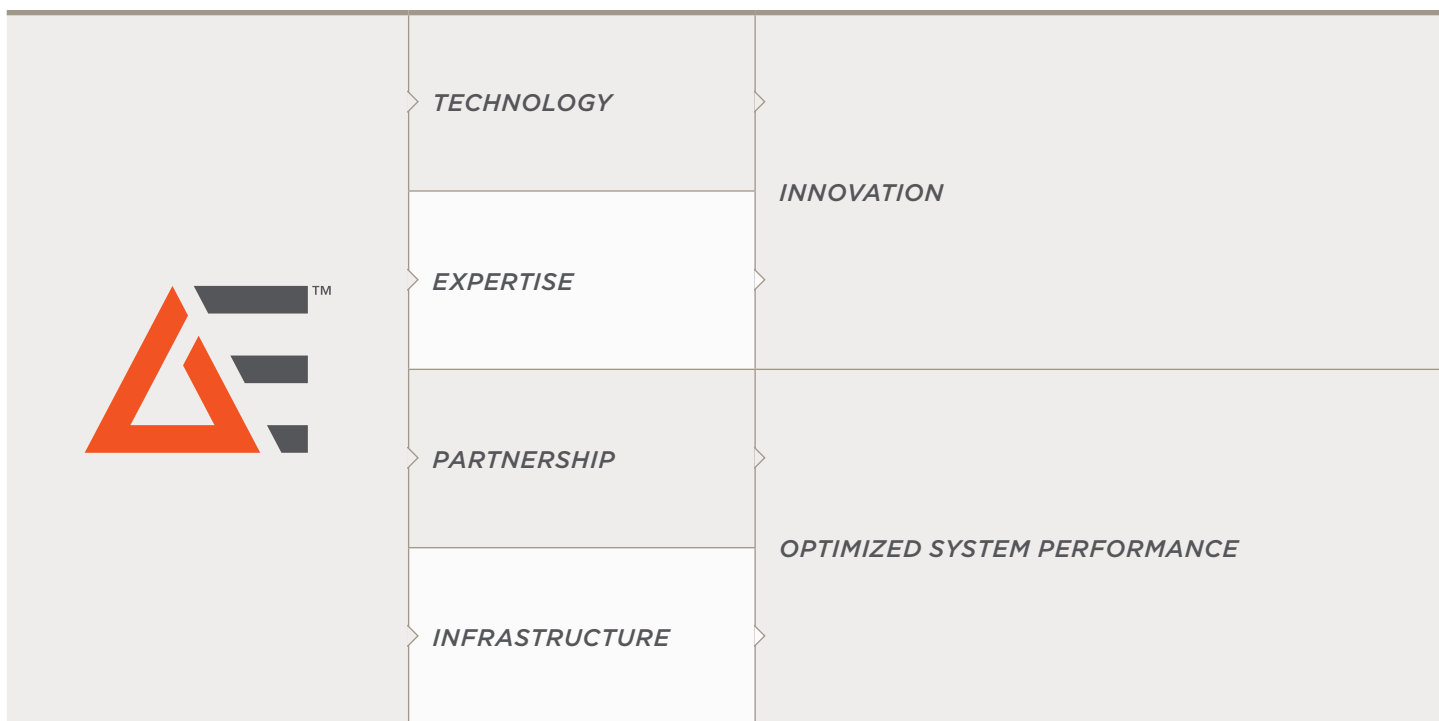
Reliable, accurate high voltage power delivery elevates the performance of your entire system. AE pairs industry-leading technology with unmatched application expertise to implement solutions optimized for the exacting requirements of a variety of industries, including semiconductor, analytical instruments, medical, industrial test and instrumentation, and aerospace/defense.

ENHANCED SYSTEM INNOVATION

Through close customer collaboration, application insight, and superior power quality, AE enables you to push the boundaries of innovation and stay ahead of evolving market needs.

COMPELLING VALUE

AE high voltage product flexibility, ease of integration, and world-class support provide significant value, improving system manufacturing and performance.





BROAD PORTFOLIO OF STANDARD AND CUSTOM HIGH VOLTAGE SOLUTIONS

Accurate, reliable performance for a wide variety of applications and industries

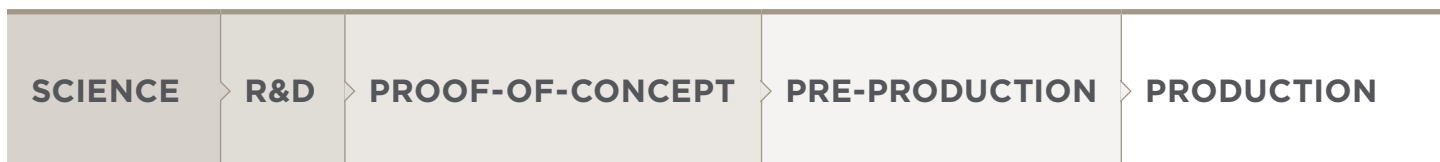
TECHNOLOGY	<i>STANDARD, CONFIGURABLE MODULES</i> <i>CUSTOM UNITS</i>	<i>RELIABLE, ACCURATE</i>	<i>CONTINUAL INNOVATION</i>
EXPERTISE	<i>ENGINEERING EXPERIENCE</i>	<i>DESIGN SKILL</i>	<i>APPLICATIONS KNOWLEDGE</i>
PARTNERSHIP	<i>ENGINEER-TO- ENGINEER TECHNICAL COLLABORATION</i>	<i>FAST INTEGRATION</i>	<i>LEAD TIME, COST, & LONG-TERM BUSINESS STRATEGY CONSULTING</i>
INFRASTRUCTURE	<i>DEPENDABLE, STABLE ORGANIZATION</i>	<i>FLEXIBLE MANUFACTURING FOR LOW/HIGH VOLUME</i>	<i>GLOBAL ENGINEERING, APPLICATIONS, & SUPPORT</i>

Worldwide Support Network

From sites around the world, AE provides design, development, manufacturing, sales, applications expertise, and technical support. Our comprehensive network provides insight into your product, process, and application—easily accessible and highly responsive at a location near you.

DEVELOPMENT AND INTEGRATION SUPPORT

Design and integration quality are paramount to optimum system performance. AE serves as a valuable extension of your engineering department through the planning, development, integration, and support stages.

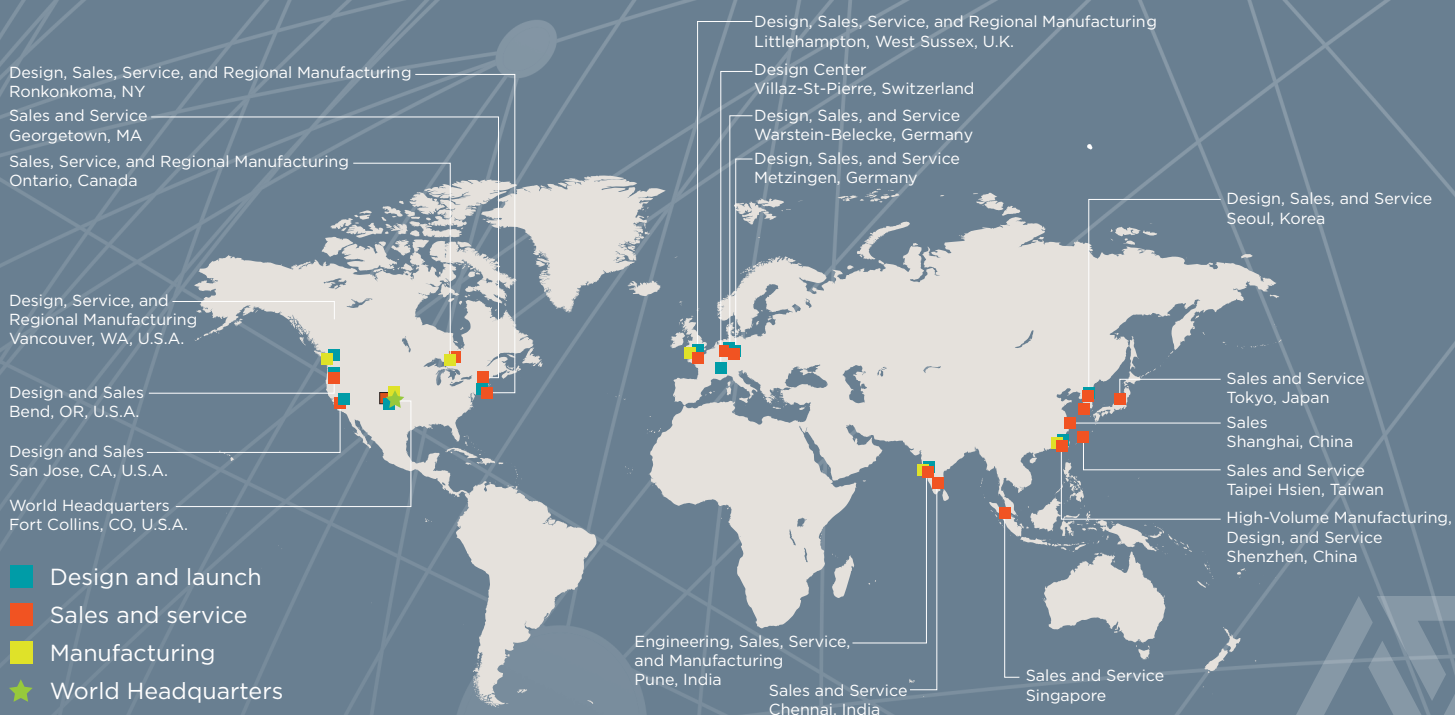


Engineer-to-Engineer Support Through the Entire Development Cycle



World-Class Expertise in a Wide Range of Applications for Superior Integration

- FAST PROTOTYPING/VOLUME PRODUCTION
- CUSTOMIZATION BY HIGH VOLTAGE DESIGN EXPERTS
- FLEXIBLE MANUFACTURING FOR LOW AND HIGH VOLUME
- STRATEGIC SUPPLIER RELATIONSHIPS
- CLOSE CUSTOMER COLLABORATION





STANDARD, CONFIGURABLE MODULES

Over 1500 standard options with inherent flexibility and modularity, enabling engineers to precisely match their system specifications and creating infinite uses in high voltage applications:

- › 450+ applications, 80+ markets
- › 1,500+ models: 55 platforms, 11,000 variations
- › Exceptionally wide input and output operating ranges
 - Products to 10 kW, paralleled to 100 kW
- › Advanced arc handling
- › RoHS compliance

BENEFITS:

- › Proven solutions, higher reliability
- › Lower initial cost
- › Excellent power quality
- › Shorter lead times, faster integration
- › Easy interfacing: digital ready or digital-equipped

CUSTOM MODELS

Custom high voltage power supplies built to your specifications and optimized for your system through close collaboration with AE's design and application experts:

- › 100 V to 500 kV
- › 1 W to 100 kW and beyond

BENEFITS:

- › Fast lead time
- › Excellent power quality
- › Optimized system performance
- › Application expertise
- › Design and integration support



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