

ARCTEQ[®]

RELYABLE POWER





The Company

Arcteq designs, markets and supports protection relays, arc flash protection systems, measuring and monitoring equipment for electric utility organizations, traditional and renewable power generation, industrial, offshore, marine, institutional and commercial users. Its headquarters is located at the heart of Finnish power engineering on Vaasa Science Park, in close vicinity to the University of Vaasa.

Arcteq products are developed and supported by a team with decades of experience of protection relay platforms - and we are proud to continue Finland's long tradition of protection relay design.

Arcteq offers a complete range of protection relays for high-voltage transmission, sub-transmission and medium voltage distribution systems. Arcteq arc protection products offer a complete range of solutions for any type of medium- or low-voltage arc protection application.

Along with quality products we are committed to provide industry-leading levels of support and service to our customers.

Success concept

Arcteq's success is based on experienced personnel with world-beating expertise. We focus on protection relays - and our customers appreciate our independence. Our comprehensive offering, know-how and agility serves to help our customers to add value and grow faster.

Precision manufacture

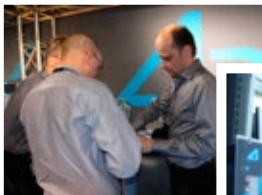
Arcteq products are manufactured using the latest machinery, aiming for zero defects. Our manufacturing processes are subject to continuous improvement according to ISO 9001:2009 and ISO 14000 standards.

Enthusiasm for research and development

Arcteq continuously invests to keep up with power protection trends - and to set them. Arcteq R&D department combines experienced industry experts with young inspiring minds - and the most modern tools and methods. Together, Arcteq's R&D team boasts hundreds of man-years of accumulated experience in protection relay design.

We are enthusiastic about our customers and are driven by efficiency and stringent quality goals, and a corporate vision to provide truly trend-setting features.

Close collaboration with local universities and laboratories at the Technobothnia Research Centre forms an integral part of our success and adds depth to our commercial research and development.



Services

Arcteq provides a full range of services to its customers through its own skilled staff and global network of partners. Our services include power system protection training courses, power system simulations, short-circuit analysis, protection setting calculations and arc flash hazard calculations according to IEEE 1584.

Products

Arcteq offers complete solutions for transmission, sub-transmission and distribution power protection needs.



AQ 300 Series

high performance transmission and sub-transmission protection IEDs

Line distance and differential, busbar differential, generator, transformer and feeder protection IEDs. Wide ranging feature sets include sub-cycle protection operation times, an intuitive color TFT display, embedded web server, downloading of PDF files, IEC 61850 communications, and much more.

AQ 200 series

all-out distribution protection IEDs

Overcurrent and earth fault, machine, transformer, voltage and feeder protection IEDs along with control and alarm IEDs. Wide ranging feature sets include sub-cycle protection operation times, rapid arc protection, IEC 61850 communications, ultimate usability with extensive data logging, downloading of PDF files, a customizable HMI, and much more.



AQ 100 series

efficient arc flash protection platform

Standalone devices and system solutions for any type of low voltage and medium voltage applications: as fast as 2 msec trip time, Standard Arc Schemes (AQ-SAS™), ease of use, modularity and many other features make AQ 100 an excellent candidate for both new installations and retrofits.



Arcteq world-wide

Headquartered in Vaasa, Finland, and with research and development centers in Finland and Poland, Arcteq has established a world-wide presence through local offices and a partner network.

Today Arcteq is present on all continents in more than 40 countries, and our products protect power systems throughout Europe, North -and South-America, Asia Pacific, Middle-East and Africa.

Our world-wide installed base extends to electric utility substations, power plants, oil and gas facilities, mining applications, steel mills and offshore drilling rigs, among other critical power system protection applications.

Standardization and customization

Arcteq's world-wide operations are based on a combination of competitive standard products and customization. Our company culture of quick reaction to customer feedback ensures that Arcteq is close to customers no matter where they are located.



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