AKCP

Est. USA 1981

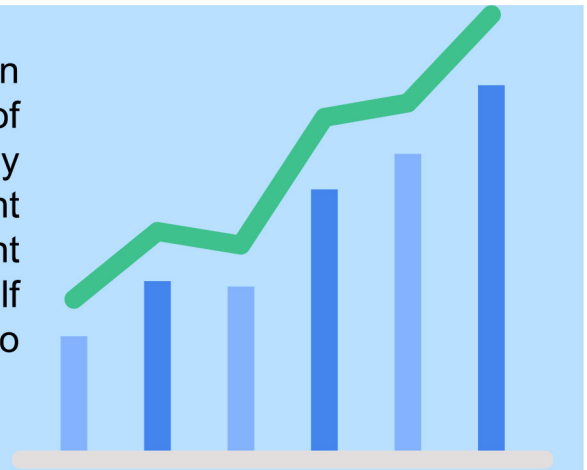# COMPANY PROFILE

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AKCP established in the USA in 1981, has 30+ years experience in professional sensor solutions. AKCP created the market for networked temperature, environmental and power monitoring in the data center. Today with over 150 employees and 200,000 installations, AKCP is the world's oldest and largest manufacturer networked wired and wireless sensors.

AKCP's growth has been fuelled by customer satisfaction and the solid reputation it has earned by the reliability of it's products. AKCP takes great pride in providing a highly reliable product to its customers. Knowing it's equipment is used to monitor equipment failure and prevent downtime of critical systems, the company has set itself the goal to deliver equipment that is reliable enough to take up this task.

AKCP's R&D centers specialize in SNMP-based networking and embedded device technology. AKCP's success is based on this winning combination of technical excellence and total support.

All products are manufactured under license to our strict quality control standards in the Philippines with oversight from an international management team. Every unit goes through a rigorous checklist which is kept on record. Test reports for your own unit can be provided upon request. AKCP's sales and technical support center is in Bangkok Thailand, with banking and financial services are located in Singapore.

OUR CUSTOMERS

Our customers are diverse and include fortune 500 companies, government agencies, banks and military. Below are just some of our 130,000 installations worldwide.

Consultancy, Law & Business Services	Government Sector	Education and Research	Aerospace and Defence Industry
ANPI	Austrian Institute of Technology	Austrian Research Centers	BAE Systems
Astron	Chilean Navy	Chapman University, California	Canadian Space Agency
BNN (Baker Newman Noyes LLC)	City of Ahlen, Germany	College of Biblical Studies	CEA Technologies
Booz Allan Hamilton	City of Tulare, CA	Grenoble Universités, France	Concurrent Technologies Corporation
Claria Corporation	Duesseldorf Courts, Germany	MIT Lincoln Laboratory	DeTect
Computer Sciences Corporation	Gemeente Heerlen, Netherlands	Pace University, United States	EADS
Cozen O'Connor	Landkreis Helmstedt	Stanford University	Ensco, Inc.
Dechert LLP	London Fire Brigade	Stanley County Schools	General Dynamics
Deloitte & Touche	Royal Danish Air Force	Stanley County Schools	ITT Corporation
DisclosureNet Inc.	United States Air Force	Syngenta	Lockheed Martin
Haynsworth Sinkler Boyd, P.A.	United States Army	University of Oklahoma	Lufthansa Systems
IPC Systems, Inc.	USDA – Rural Development	University of Tromsø, Norway	Lufthansa Technik
IT Operations & Consulting	US National Park Service	US Naval Post Graduate School	MITRE
Electronic Industry	Natural Resources Canada	University of Lorraine, France	NASA
AV-Professional	Landkreis Helmstedt	The Jackson Laboratory	NMG Aerospace
Bose Corporation	London Fire Brigade	The Juilliard School, US	Northrop Grumman
Cisco Systems	**IT & Telecoms Industry**	The Rockefeller University, US	Raytheon Company
DELL	123.net	The University of Göttingen	Thales Group
EFIRACK, France	AAPT	**Energy Industry**	The Boeing Company
eSilicon Corporation	Adobe Systems	Agder Energi	Safran – Techspace Aero
Hewlett-Packard	Airstar	Anglo Coal, Australia	**Automotive Industry**
IBM	Blackboard	BEWAG	Autoliv
Intel	Bay Area Internet Solutions	British Petroleum (BP p.l.c)	Bleisthal GmbH & Co. KG
MABE, Ecuador	Bell Canada	CCG	Daimler AG
Motorola	CIS Computer & Internet Services	Cegedel S.A.	Faurecia

Case Studies

Lufthansa

Lufthansa Technik, the maintenance arm of the German airline Lufthansa, have selected AKCP monitoring devices for use in several of their maintenance hubs worldwide.

In the business of aircraft maintenance time plays a crucial role, and so does the timely supply of the mechanical, consumable and expendable spare parts, thus Lufthansa Technik keeps thousands of part numbers permanently in stock at each of their hubs. There are industry regulations regarding the storage of many of these parts. There is a wide range of temperature and humidity thresholds for different parts, such as batteries, composites, oils or solvents. In order to constantly monitor the storage conditions AKCP technology has been deployed.

WEIR MINERALS

Weir Minerals use AKCP SP2 for industrial monitoring. AKCP provided 30 sensorProbe2 devices with dry contacts to be integrated into the "Andon" station network in the Weir Minerals Manufacturing facility in Madison, Wisconsin, USA. Andon systems are one of the tools Weir Minerals use as part of their "lean manufacturing" process that helps to identify and resolve manufacturing support issues. The objective of this system is to resolve any conditions that are inhibiting production as rapidly as possible.

The system at Weir has 30 stations, each consisting of an SP2 device, switch box and light stack. The switches are connected to the light stack, and the machine operator turns the switch to illuminate the appropriate light should a problem arise. This also triggers as associated dry contact connected to the SP2 device. The SP2 then triggers the response team members designated to address that specific condition via e-mail and SMS text messaging, alerting them to the specific location in the factory.

AKCP distributor, SMARTEL worked together with the Sharjah Police Force to install a Temperature, UPS, CRAC and Generator monitoring system for their server room. Using AKCP's securityProbe platform and sensors, SMARTEL were able to design a complete sensor monitoring system for Sharjah's server room that automatically triggered Email and SMS Notifications to data center personnel.

SMARTEL used an IO-Digital 8 Sensor to monitor alarm dry contacts from the server room's UPS, CRAC and Generator systems. The IO-Digital8 ships in two options. The first option has a single RJ45 connector at one end and 8 x2 PIN Dry Contact connectors along one side.