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COOLING UNITS ARE SIMPLE MACHINES

No changes have been made to the basic principle of cooling systems since the first mechanical cooling cycle was manufactured in the early 1900s in the United States.

Cold storage systems all around the world are operated through a standard algorithm.


Cooling devices operate up to the level they are set to, and stop when they reach the required cooling temperature. This cycle is continually repeated for the ambient temperature to remain stable. These units go into defrost mode four or five times a day in order to melt the frost formed on them.

A cold storage unit goes in and out of this cycle for compressor, ventilator and defrosting about 50,000 times a year.

Energy consumption of cooling units varies by 50% in summer and winter. Predicting how much energy a cold room will use is difficult; as for managing it, it is almost impossible.

Due to price pressures in the market, all cooling unit manufacturers have to compete with one another to be able to manufacture units with lower costs.





A HIDDEN HERO OF THE FOOD INDUSTRY “COLD STORAGE”

The secret in delivering cheap and quality food to consumers is preserving it in cold storage during the lengthy period between the stages of production and consumption.

Thanks to new technologies, energy cost of cold storage has become extremely affordable.

The cost of storing a kilo of apples in cold storage for a year is only 0,01 \$ (1 cent/USD).

Therefore, more than 70% of the food consumed today is stored in cold storage, and this rate is increasingly growing.

The standards of cold storage facilities have a direct impact on both the price and healthiness of food.

Higher consumer prices determine the profit margin for producers. Thus, food losses due to poor storing conditions will not possibly make producers happy.

Food preservation will be a top priority in the near future, however, both production and consumption of food consume enormous amounts of energy, causing environmental pollution.

CANTEK has been leading the way for investors in the cold storage industry for many years.





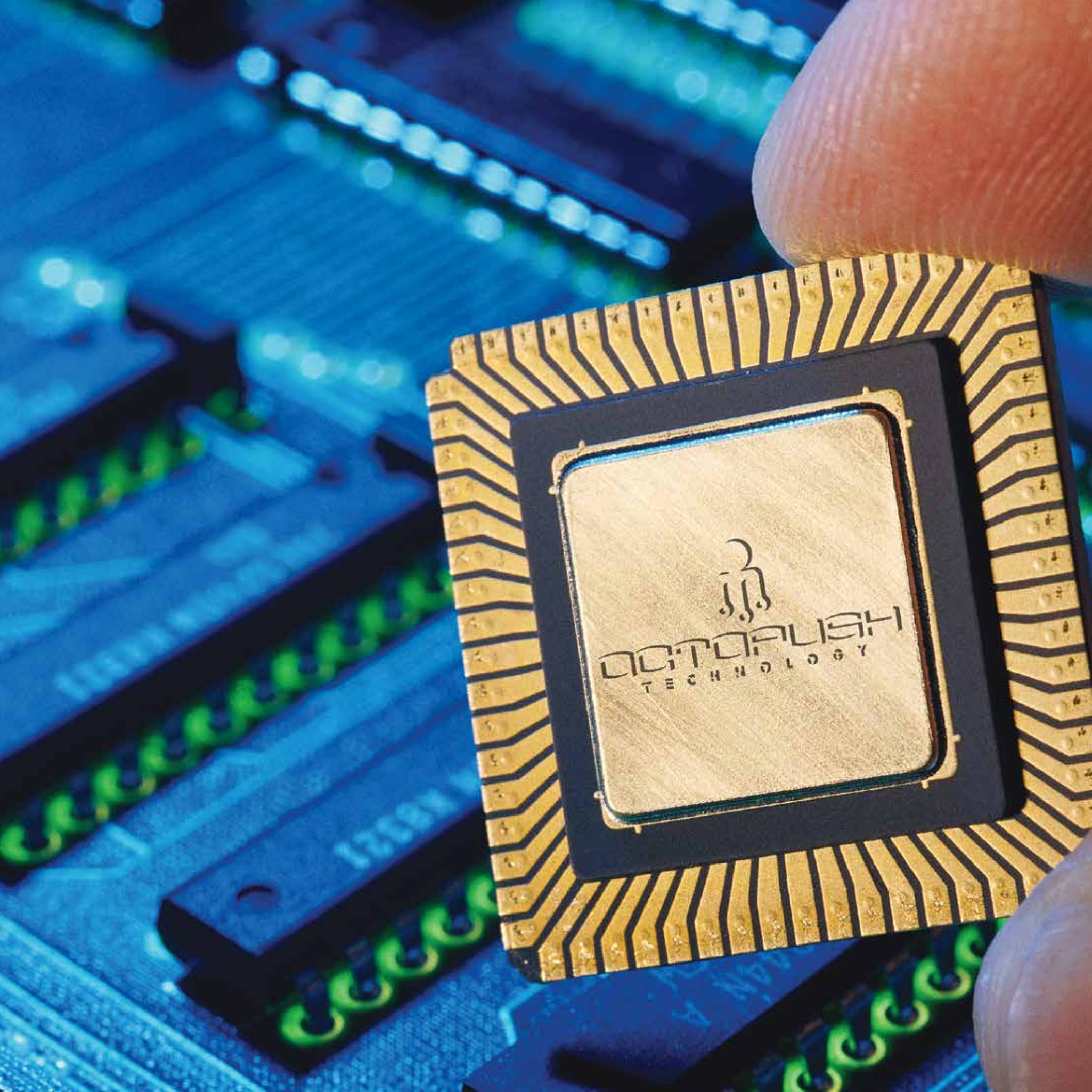
CANTEK | A QUARTER CENTURY OF ACCUMULATION

Cantek is a leading company that has brought a significant contribution to the development of the cold storage industry for 25 years.

Through its corporate structure, team of experts and extensive knowledge in the industry, Cantek provides innovative solutions to healthy food storage methods. The company also offers “Turn-key Cold Storage” commitment services including all stages of project designing, manufacturing, assembling and servicing in order to preserve food in an environment closest to natural conditions of food, and extend the shelf life of food.

Cantek has a wide geographic distribution of its products domestically and abroad through its business partners and dealers.

Having provided services for its 12,000 customers in 25 years, Cantek has set the bar high for its experiences.




DIGITALISH
TECHNOLOGY



CANTEK HAS THE MOST ADVANCED R&D UNIT IN THE INDUSTRY

“INTERNET OF THE THINGS”

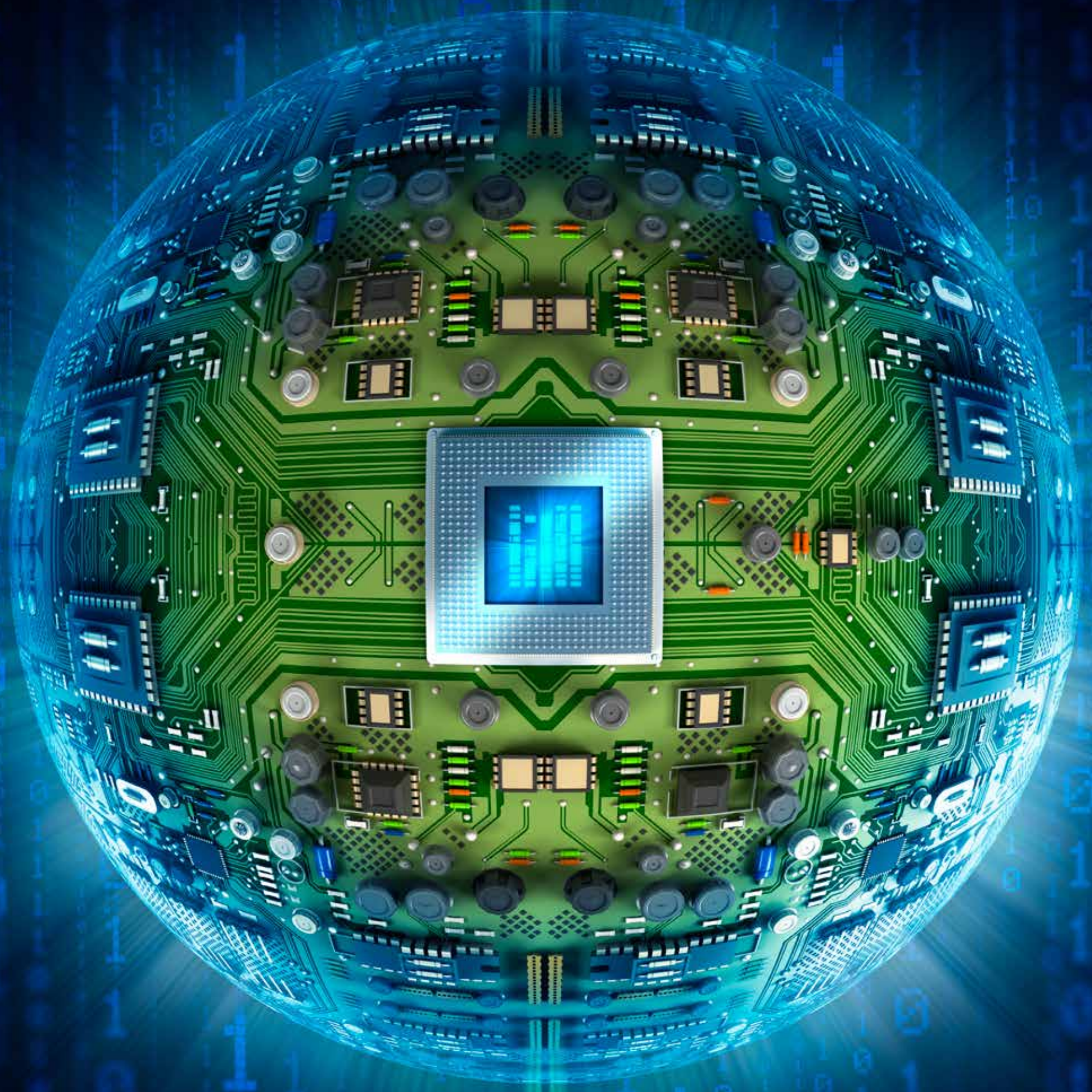
During the years when the concept of “Internet of Things” was first conceived, Cantek decided to work on it.

Cantek has been Creating innovative solutions on managing and monitoring cooling machines through a team of 20 staff including computer, electronics and mechanical engineers and technicians with 10 years of experience of software and hardware.

Cantek has all sorts of test setups available within the Research and Development facility founded over 2,000 meter square of the company lands. The R&D team also design software and hardware within the same facility, and the amount energy consumed by this team during the stage of product development is the 15% of the total energy consumption used in manufacturing.

Cantek has been using its own electronic cards on all cold stores, which have been manufactured since 2008. Cantek has a significant accumulation of experience in monitoring and managing cold storage with thousands of cold stores being put into operation.

Cantek is one of the few companies in the world using its own electronic cards.



CANTEK MANUFACTURES PRODUCTS FOR THE WHOLE WORLD ABOVE WORLD STANDARDS

CANTEK MANUFACTURES SMART COLD STORAGE DEVICES

Cooling devices should be smarter!

We started out with this idea 10 years ago. We worked and achieved a great success...

Our product, Octosense, which is a cold storage controller, operates according to customer needs.

Octosense does not unduly operate the compressor, but goes into defrost mode only when necessary. Therefore, devices consume only a little amount of energy, and are much less prone to failure as they work less.

Furthermore, you can predetermine the amount of your electricity bill through the information provided through the smart system.

CANTEK'S COLD STORES ARE ILLUMINATED USING LED LIGHTING SYSTEM

Compared to conventional lighting, LED systems are the future of light thanks to its energy saving feature and prolonged service life.

In 2009, we manufactured the world's first LED lighting armatures, developed for cold storage. And since then, we have doubled the lighting performance of our armatures thanks to our R&D. Cantek currently exports its systems to 35 countries, and we know that all cold stores around the world will one day be lighted with LED armatures.

CANTEK PROTECTS YOUR COLD STORAGE BY DETECTING FAILURES BEFORE YOU DO

We recommend all our customers to monitor their cold stores; hence, we have been manufacturing all our digital control boxes for failures before they occur after detecting them at our monitoring centre, which has been used since 2005. We also control our services and do energy saving management at our monitoring centre.

Cantek has been providing since 2015 a free monitoring service during the guarantee period of the devices within the Cantek Premium series.





CANTEK IS AN EXPERT FOR INDUSTRIAL COLD STORAGE FACILITIES

During the last 25 years our 12.000 customers have paved the way for us in product development.

Cantek is a major expert on industrial facilities from meat, fish, and chicken to vegetables and fruit, from milk, cheese and yoghurt facilities to cake factories, and from seed, flower and seedling facilities to logistic facilities.

We have maximized our experience in hundreds of types of cold storage from seed storing, mortuary to flowers and potatoes, and their industrial size versions along with industrial cold storage.

Cantek provides its customers with commitment services from A to Z through projects on a turnkey basis all around the world.



CANTEK RED MEAT TECHNOLOGIES

CANTEK



CANTEK'S NEW SEGMENT OF WORK

CANTEK RED MEAT

Cantek is now taking its engineering experience of almost 30 years to meat processing industry.

The RED MEAT team, having crowned its experiences in metalworking and mould making in order to project meat-processing facilities, has now begun manufacturing and delivering turnkey based slaughterhouses.

CANTEK RED MEAT manufactures complete range of equipment for slaughterhouses from paddocks, slaughtering boxes, bleeding conveyors, meat processing lines, fixed and mobile platforms, dehidng and carcass dividing platforms, offal processing equipment, chutes for intestines and succede in turning its experiences and capacities of processing stainless sheet into ART.

Being widely acclaimed, our world-class meat processing factories provide an added value to national economies.



REASONABLE PRICES FOR INNOVATIVE PRODUCTS

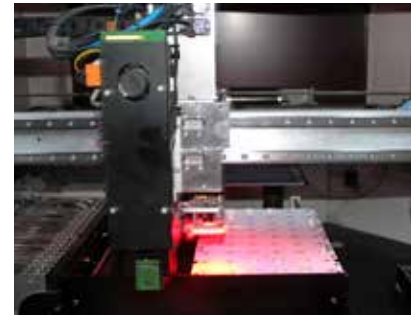
Cold storing is a branch of industry that requires devoutness, continuity and responsibility.

Cantek always provides its customers with products and services beyond their expectations.

When Cantek first entered this industry in the 90s, it almost rounded off the very high imported units sales rates of the period thanks to its quality products.

Cantek owes its broad customer portfolio to the correct price/performance evaluation of its quality and innovative products.

Furthermore, with a new approach that Cantek acquired in 2015, the company offers its quality to its customers by putting its world standard products upon the market with affordable prices.



CANTEK OWNS THE MOST MODERN AND ECO-FRIENDLY MANUFACTURING FACILITIES

Cantek manufacturing plant consists of units, which have more capacity than the basic technologies required for the cold storage and abattoir facilities. All our plants including all sorts of CNC sheet metal blanking, punching and curling machines, laser stands, dyeing plants, workbenches for machining all sorts of metals, electric erosion machines, vertical machining centres, plastic injection machines, type setters for digital production, ovens, carpenter's workshop and iron foundry all operate in order to offer our customers better products.

The entire area apart from the manufacturing field, roads and parking spaces is composed of green space.

80 different kinds of trees and the endemic plants of the region are planted on the company's premises.

Cantek uses ecological products within a totally legal framework while designing its products with the most possible minimum energy consumption.

RESPECT SOMETIMES MEANS REPLACING WORDS WITH NUMBERS

CANTEK WITH NUMBERS

20.000 m² AREA OF USE
Total indoor area within two factories

1700 MODELS
Cooling devices
in various models

350 TYPES
Various types of
cold storage doors

600 HOTEL PROJECTS
Hotels, holiday villages,
restaurants, cold Storage
projects

1.500.000 TONNES
Storage for Meat, Fish,
Chicken, Fruit Juice, Dairy
Products

250 EMPLOYEES
7 different languages

12.000 CUSTOMERS
Worldwide service for
various sectors of industry

**EXPORTING TO 45
COUNTRIES**
Business partnerships in 5
continents as contracting and
supplier



CANTEK'S 25 YEARS OF SUCCESS

It has been 98 years since the first automatic refrigerator was invented. Cantek has been providing its services in this industry for 25 years.

1918 1991 1992 1993 1995 1996 1997 1999 2000 2003 2005



We started working on 20 May. We designed devices in 40 models for the catalogue. We sold 10 cooler devices.



We purchased our first polyurethane machine. We began manufacturing cold storage doors. We sold 45 cold stores.



We began manufacturing cold storage panels. We sold 75 cold storage devices.



We participated our first national fair. We began making our presence felt in the tourism industry.



We moved to our new plant. We designed 150 different models of devices. We began manufacturing industrial facilities.



We joined our first international fair. We sold 250 cold stores. We now manufacture in 3 plants.



We moved to our first factory located in the Organized Industrial zone. We set up our first roll forming line and press in our factory.



We built our first large industrial plant. We witnessed classical isolation becoming history.



We founded our second factory on the 7,200m² of the total area of 24,000m². We began manufacturing central systems.



Our professional R&D department was created. We chose monitoring cooling devices and manufacturing smart devices as the purpose for development.

The first refrigerator with automatic control was manufactured in the United States.

2006

2007

2008

2009

2010

2011

2012

2014

2015

2023



We produced our first controlling and monitoring system
We set up our molding room and bought injection machine.



The number of our employees reached 100.
We began manufacturing shelves.
We became a partner with Teknokent. Our R&D Team moved to Teknokent



Cantek Red Meat started providing turnkey services.
First cold warehouse monitoring set up.
First electronic controller produced.



We manufactured our first smart device.
The total area of our factory reached 12,000 m² with an extension of 5,000 m²



We manufactured our first LED lighting armatures for our cold warehouses.
We are now manufacturing thousands of devices annually.



Our factory building continued growing reaching 20,000 m² of indoor area. The motto of "Use Your Energy Wisely" was created while developing social responsibility projects.
We reached the summit of Mount Everest with Nasuh Masruki and Yılmaz Sevgül.



We brought 500 m² of indoor and 2,000 m² of outdoor area into the use of creative ideas in order to make more space for the R&D activities.
In the same year, we began designing the Octopush product series. Our stores are built with central cooling systems including screw compressors.



Cantek Meat was founded.
We have proudly watched the works of Octopush product series. Our "Use Your Energy Wisely" campaign conducted with Yasemin Dalkılıç continued creating an amazing impression. The documentary "The Incredible Dives of the World" began to be shot. Snow World was opened.



Our sponsorship period for Yasemin Dalkılıç was concluded with a successful documentary.
We reached 12,000 customers.



We founded the Cantek Foundation.
We began working on strengthening our off-limit dealer network.
Smart cooling devices with the function of monitoring were put upon the market through product diversification.

WE STILL HAVE A LOT MORE TO DO...





WORLD'S FAVOURITE BUSINESS PARTNER

We have had the chance of working with 45 different countries during our quarter of a century of our company history. We have formed sound and long-termed business partnerships considering the cultures and needs of each and every country we have worked with.

This diversity has enabled the company to have employees speaking 7 different languages.

As Cantek family, our target is to reach 100 countries in 5 years to extend the spectrum of our products and innovative products.



Evaporators

Split & Central Cooling Devices

Slaughterhouse Equipment

Industrial Cooling Systems

Swing Doors

Sliding Doors

Flip Flap Doors

Isolated Office Doors

Controlled Atmosphere Systems

Wall Panels

Ceiling Panels

Floor Panels

Lighting Armatures

Process Cooling Devices

Control Systems

Humidification Devices

Loading Systems

Flip Flap Doors

Isolated Office Doors

Humidification Devices

Control Systems

Lighting Armatures

Humidification Devices

Ceiling Panels

Slaughterhouse Equipment

CANTEK HAS THE WIDEST RANGE OF PRODUCTION IN THE COLD STORAGE INDUSTRY

What is needed for preserving food is an isolated room, a cooler to cool the interior of this room and a door to let the food go in and out of the room. Cantek doesn't only manufacture all these units, but also many accessories and component parts required in the industry.

Coolers:

Cantek meets all kinds of cooling needs in the industry through its 1700 different models of Split and Central System coolers: all types of cooling devices from the smallest cold storage rooms to quick freezing devices all in world standards.

Panels:

Cantek has been manufacturing Locked Panels for cold storage between the sizes of 60 and 200 millimetres with a capacity of insulation that conforms to the world standards for 25 years. Being one of the oldest panel manufacturers in Turkey, Cantek has gained approval of its customers thanks to its quality products and competitive prices.

Doors:

Doors are the most problem-prone component of cold storage. Thus, Cantek designs doors in a special way that could avoid problems. Primary products such as crates, wings and gaskets are all Cantek designs holding their own patents. The company manufactures using 100 different moulds composed of plastic, aluminium and rubber. Cantek meets all sorts of needs related to doors manufacturing 350 different types of doors.

Shelves:

Cold storage shelves are essential accessories for cold stores. Our shelves, manufactured with aluminium racks and ABS plastic platform, are 36 or 46 cm in depth and 160 cm in height. Due to its modular design, they can be extended to the lengths of standard 90 cm and maximum 170 cm.

Lighting Armatures:

Cantek is the mastermind of this industry having foreseen the necessity of using LED armatures to illuminate cold storage. The company has been manufacturing LED armatures since 2009. The products developed by Cantek are increasingly becoming more competitive with their prices, and growing in performance. Cantek exports its lighting products to 35 countries.

Electronic Control Products for Cold Storage:

As we have always been aware of the fact that every cold room would one day be monitored, we founded a R&D department in 2005 with the purpose of designing products to manage and monitor cold storage. Having gained significant amount of experiences, our R&D Team has began contributing the world literature of cooling systems with innovative products.



SNOW WORLD

We founded Snow World at Antalya Akvaryum in 2012, and now there is snowfall all year round in Antalya! Every year, 60,000 children and 70,000 guests from other countries enjoy snow even during hot summer days with a temperature of 40 centigrade degree in Snow World, a dreamlike atmosphere filled with natural snow and designed by Turkish engineers.



Every child should be able to experience this excitement!

"It was rare for snow to fall where my family lived in the past. And even if it snowed, to our disappointment, it quickly melted. Having witnessed the excitement of my daughter, who was born in Antalya, when she first saw snow in Saklikent, has taken us back to our childhood days. Times have changed now, and children should always be able to have access to snow!"

CAN HAKAN KARACA



NASUH MAHRUKİ
2010 / Everest / 8848 m.



YASEMİN DALKILIÇ
Atlantic Ocean
2015 / Miami - FLORİDA



OUR SPONSORSHIPS

Cantek sponsors worldwide athletes, who use their energy in the most wisely way, in order to emphasize its energy consumption performance with a 72% of energy saving, which was proven by TÜV reports.

Cantek first sponsored Nasuh Mahruki, who has been internationally known as “Snow Leopard”, and is the first Turkish and Muslim climber in the world to climb Mount Everest, and Yılmaz Sevgül, one of the most experienced mountaineers in Turkey, when they climbed the summit of Mount Everest in 2010. Having completed their expedition at 8:30 a.m. on 23 May 2010, these two legendary mountaineers reached the top of the world at 8840 metres, planting the flag of Cantek on the summit with the motto of “USE YOUR ENERGY WISELY”.

Cantek’s second sponsorship was for the documentary named as “The Incredible Dives of the World” of Yasemin Dalkılıç, our national female freediver, and holder of 9 world records with diving to 120 metres all in one breath.

The documentary, which was shot in the oceans around the world, has been made to create awareness to the pollution of our seas, our source of life.



THE AWARENES OF GIVING BACK WHAT YOU TAKE FROM SOCIETY

THE CANTEK FOUNDATION OF SCIENCE, CULTURE AND EDUCATION

The Cantek Foundation of Science, Culture and Education was founded in order to operate in three fields:

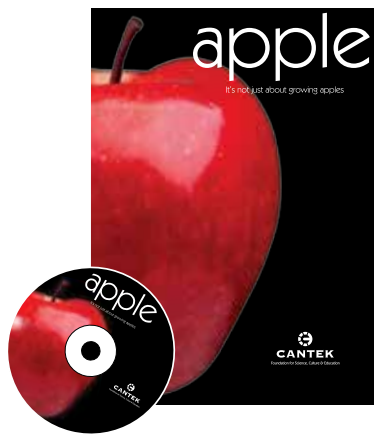
SCIENCE:

Cantek has been sponsoring world-renowned athletes, who use their energy in the most wisely way, in order to raise awareness of the significance of energy saving.

CULTURE:

Cantek makes books and films to inform about the storing methods for food in the ideal conditions, and therefore creates development of awareness in the countries where there is a lack of knowledge in this field.

A professional team, dedicated to inform the world that only producing is not enough, supported by Turkish and International experts, scientists, is preparing books and documentaries for 13 different food in 6 different languages.



EDUCATION:

The key to a happy society is to raise our children well. Cantek tries to fulfil its social responsibilities by conducting workshops with the help of psychologists, sociologists and pedagogues on how to prepare our children for the future in order to contribute to a happy society.

TR EN FR AR RU ES

FOOD STORAGE



MEAT PROCESSING



CONSTRUCTION

AGRICULTURE



“use your energy wisely”





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