



The scantec Way

The way you make
the most of
refrigeration and environment control systems



scantec

The way it is

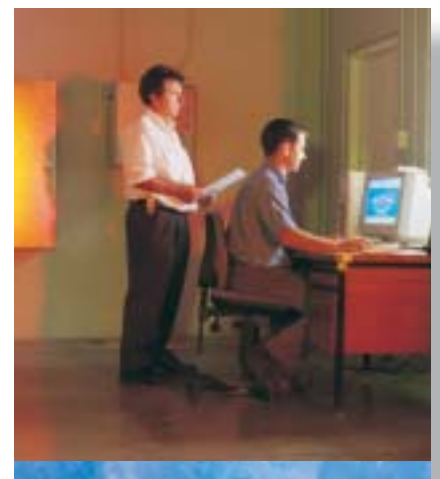
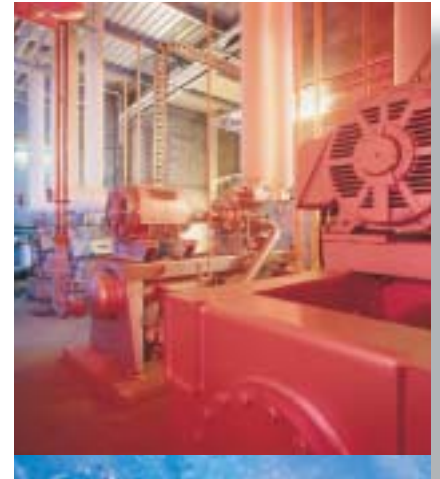
scantec refrigeration technologies is a young, dynamic company dedicated to industry leadership by way of innovation.

scantec specialise in industrial refrigeration plants as well as electronic control and monitoring systems.

Our forte is design, installation, service and preventative maintenance to all types of environment control systems.

The **scantec** team comprises a group of highly qualified, dedicated industry specialists with multi-faceted experience from all over the world. Together we bring to you an unrivalled dedication to exceeding your expectations – whatever the task – and an uncompromising commitment to finding new and better ways...

and that's the **scantec** way.

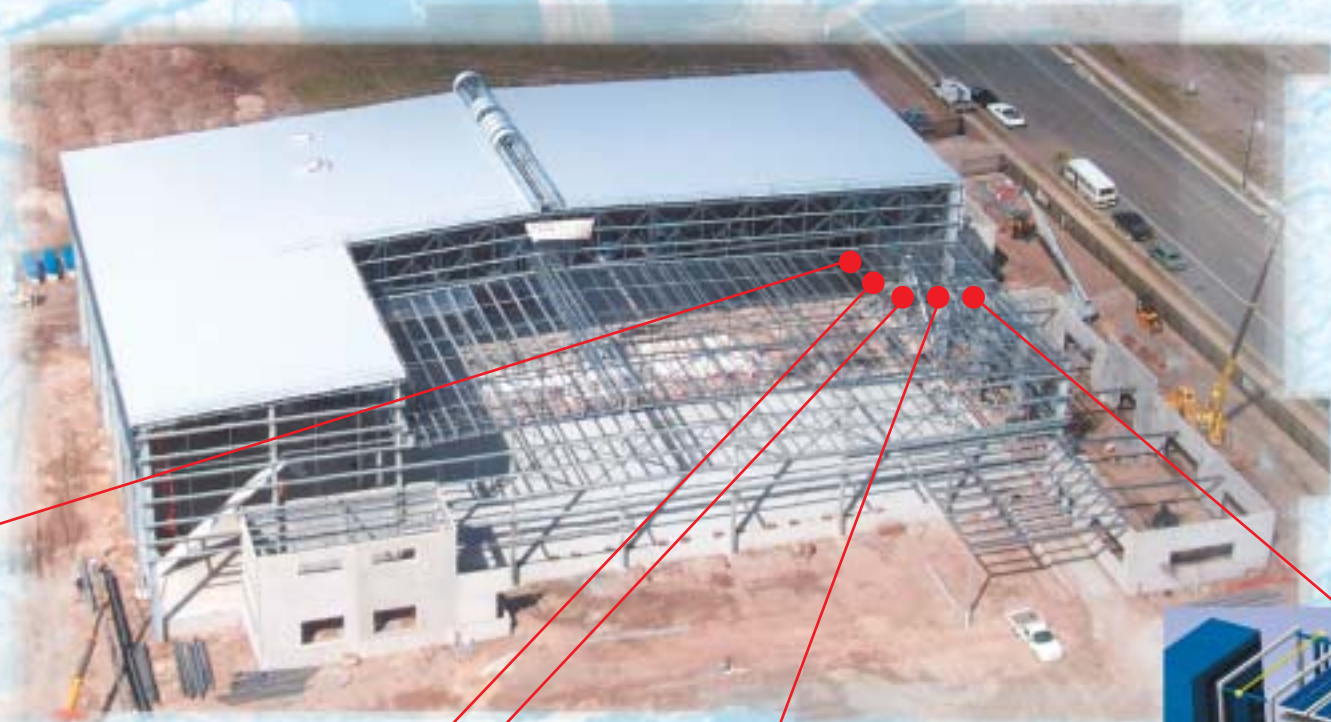


The only way to go



...and our way is to provide you with the solutions you need for your business. We invite you to use our expertise in industrial refrigeration, environment control and electronics, and we look forward to assist you in positioning your business where you want it to be. We will listen to your needs and your needs only.

We will use our combined expertise and other resources as required to help you achieve your objective. Here are some examples of what we do and the way we do it...



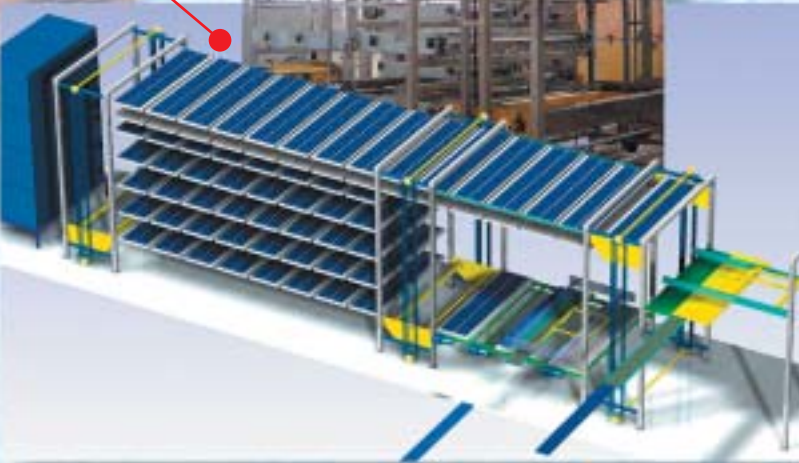
FREEZING

Only three factors influence the way a product freezes – time, temperature and surface heat transfer. We help you achieve your objectives by manipulating these physical factors irrespective of the type of the freezing process – batch or in-line, submersion, air blast or contact freezing.



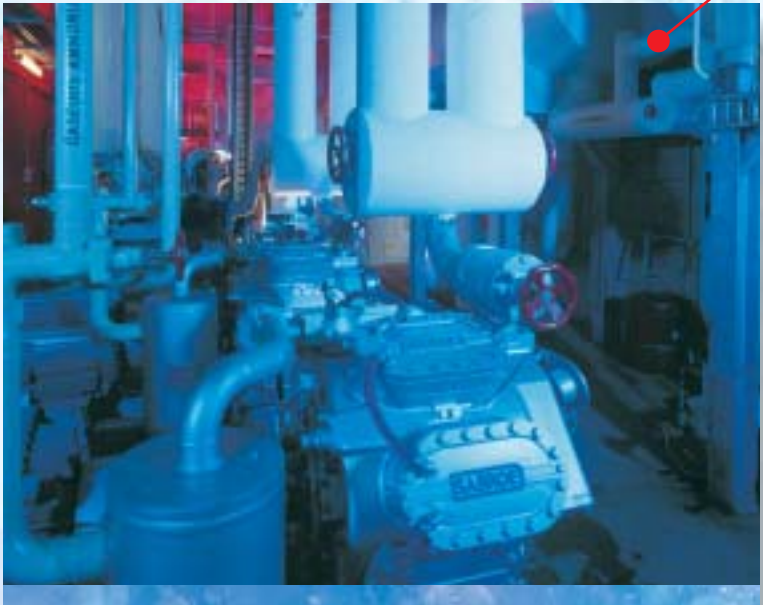
COMMON SENSE CONSERVATION

Preservation of the environment is important to us all. Not only can we assist you in establishing an environmentally pleasing image for your business, but also we can do it in a way that makes good business sense. Our way is that environmentally acceptable solutions must also provide an acceptable return to your business. Please let us show you some of the ways this may be achieved.



THE WAY OF THE FUTURE

Smart and intelligent electronic control and monitoring are the way of the future. Electronics enhance the advances in mechanical and thermodynamic efficiencies and improve plant operability. We do not believe in separating the mechanical, thermodynamic and electrical engineering disciplines. We combine them so they may complement each other. The results of this philosophy are very unique. Please let us demonstrate the way in which this may benefit your business.



VASTLY MORE EFFICIENT

Aesthetically pleasing machinery rooms, which, at the same time, are functional and energy efficient, can contribute to the profitability of your business in more ways than one. In large scale food processing and preservation facilities, where the energy consumption of the refrigeration plant may be well over 50% of the total energy consumption, an improvement in refrigeration plant energy efficiency by over 30% will affect your bottom line in a big way. We would be pleased to show you the possibilities in this regard.



PARTS PLAY A VITAL PART

"It is the way of the World" is a frequent comment when things do go wrong and your business suffers. This is not the **scantec** way. We are aware that the most important part to you is the part you need right now. We therefore go out of our way to help you with spare parts and service at any time, anywhere. We invite you to trust us with your business. You may be pleased to find that our way has a lot in common with your way of doing business.

The scantec way to save time and money

In food manufacturing, food processing and food preservation facilities, food hygiene is of paramount importance. From a business operator's point of view, productivity and operating costs are of equal significance. Often the many factors influencing the success of your business conflict.

We have your overall interest at heart. Through our extensive knowledge of equipment and techniques we are able to propose optimum solutions. An example is the minimization of carcass chilling weight loss whilst simultaneously eliminating condensation problems. In-house air cooler modeling software and state of the art air distribution techniques are integrated to form a unique solution to your particular application.

Every application is individual and different. Our way is to apply our own in-house performance rating software to all refrigeration plant elements to derive the optimal combination of components to suit your particular need. This way we eliminate the time consuming effects of trial and error. The results are performance delivery on time and on budget not only during plant hand-over, but also beyond.

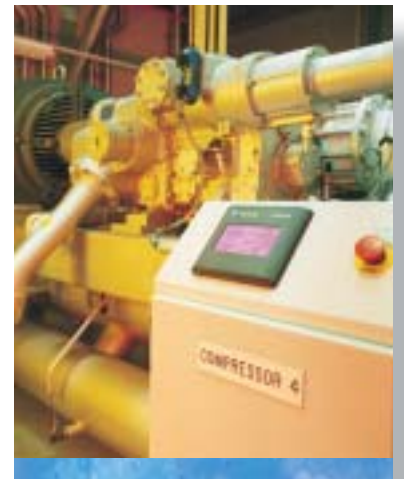


The totally integrated way

scantec design, supply, install and service automated control and monitoring systems for all types of refrigeration plants and associated equipment. In-house control system development by our own team of electrical/electronics engineers and programmers ensures seamless interaction between the mechanical and electrical elements of our systems – this results in fully integrated project co-ordination, commissioning and ongoing technical support.

The flexibility of our PLC (Programmable Logic Controller) based control systems allows us to tailor your system's controls to your particular needs. When combined with our SCADA (Supervisory Control And Data Acquisition) operator interface systems, all plant variables and diagnostic information can be displayed, recorded and reported on a personal computer.

The SCADA operator interface also allows us to proactively monitor and if you wish, operate your plant – irrespective of location – from our office. This enables any operational issues to be diagnosed and corrected before they can develop into equipment failure. In the event of an alarm and/or warning the interface can be configured for automatic dial-out to our service department for immediate response.



The way of the future

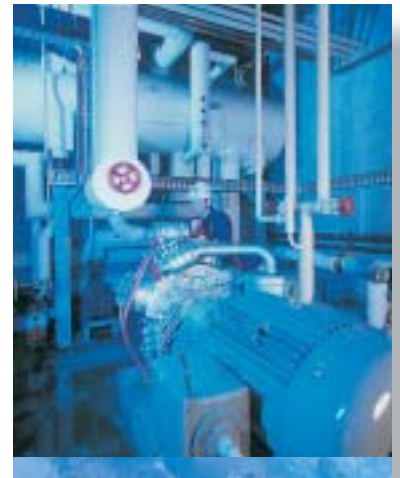
scantec is concerned about the environment and the effects of human activity on the World. Should you share this concern and at the same time wish to create an environmentally conscious image for your business, then please let us show you a number of intelligent ways you can achieve this. Natural as opposed to manufactured refrigerants are not only good for the environment, but they are also good for your business.

Natural refrigerants such as ammonia and carbon dioxide will ensure minimizations of your energy costs whilst at the same time featuring zero impact on the ozone layer and minimum global warming potential. Furthermore, these fluids are future proof and protected from national and international environmental legislation relating to their manufacture, consumption and release. So rather than getting yourself cornered by legislative measures, please consider the natural way – the way of the future.

Service all the way

All of our systems, from plant automation, air-conditioning and environment control to energy management and computer systems, are fully supported by the best back-up team in the business. Our experienced service and maintenance technicians pride themselves on their knowledge and their wide range of skills. They offer you everything from advice and trouble-shooting to comprehensive maintenance programs.

Our technicians also have a full range of spare parts at their disposal and can supply the right part quickly and cost-effectively. By supplying original spare parts, continued performance of your equipment will be ensured for many years to come. And in the unlikely event of a breakdown, our fully skilled refrigeration technicians and electronics engineers are on call 24 hours a day, 7 days a week.



The way scantec looks after you

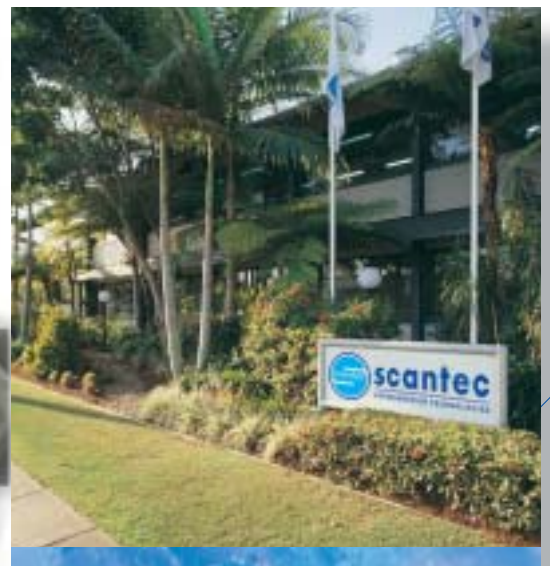
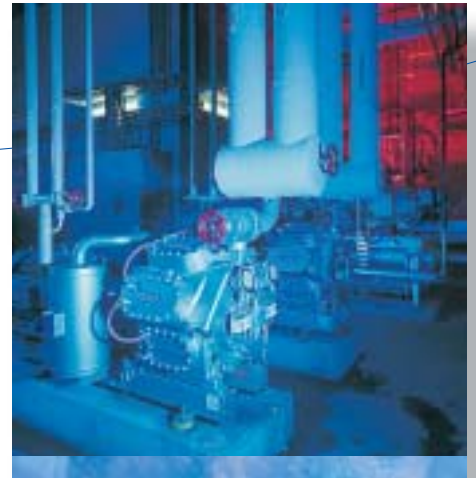
Your needs are individual and unique. Our commitment to you is that we will respond to your needs with high quality products and services reflecting the particular requirements of your application. What we propose will suit you, your needs, deadlines and budget. We work with you and what we do for you must work for you – in our view this is the only way. We invite you to make it yours.

Our specialities

- Domestic and offshore turnkey projects
- Industrial refrigeration plants of any kind
- Specialised air-conditioning and environment control systems
- Computerised control and monitoring systems

In short, our know-how, engineering capacity and advanced technology combined with outstanding service and commitment to excellence make **scantec** refrigeration technologies the industry leader.

It is the scantec way.



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The way to contact us:



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