

nagelsparking

Ticketing Solutions

nagels

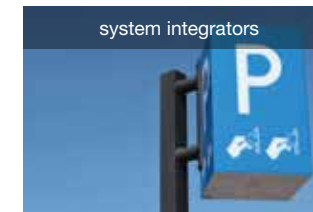
Hooghe Weg 11
D-47906 Kempen
T +49 (0) 2152 2099 0
F +49 (0) 2152 2099 40
welcome@nagels.com
nagels.com





Our customers

nagels manufactures more than 1,000 different ticket types for a wide range of industries. Whatever you need, from a standard option to an entirely bespoke design, we'll provide the perfect solution. Here are a few of the major markets for our tickets:



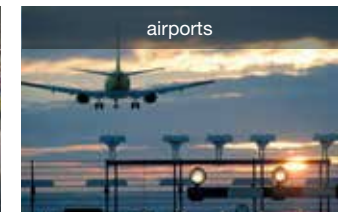
If you are working on developing new equipment, we can support the entire process, guaranteeing that your machines run smoothly on tickets without any errors or disruptions.



We provide a great range of specialist enforcement products, which are customised to the specific needs of the parking operator or City Authority.



City Authorities need reliable tickets to manage their on-street and off-street parking to ensure effective traffic management. Whether on-street or off-street, we will create tailored made ticket solutions for your parking facility.



Our pay on foot magnetic and barcode ticketing products are used in many of the world's major airport parking facilities. In addition, we offer RFID tags or smart cards providing access control.

The **nagels** company

nagels is the international leader in the manufacturing and supply of machine issue tickets for the parking and transport sectors. Operating 15 companies in 10 countries, our annual production exceeds 4.5 billion tickets, with products used in more than 80 countries across the world. This success is based on our ability to provide innovative products that meet international demands, simultaneously responding to industry developments and creating a tailored solution for every customer.

Our consistent and sustained growth can be attributed to the quality and functionality of our products, which are managed by highly skilled teams of ticket specialists dedicated to helping businesses to thrive.

Parking

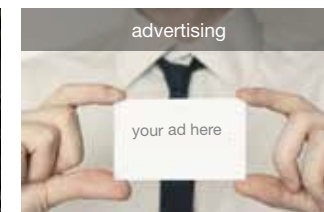
nagels manufactures parking tickets and permits that feature a range of technological applications, including magnetic stripes, barcodes and RFID. We ensure the smooth running of operations of all types of parking systems, including pay and display and pay on foot barrier systems. As the world's largest international parking ticket manufacturer, it is our aim to provide solutions and support that respond to the ever-changing demands of the parking sector, simultaneously driving forward new developments and initiatives in the industry.



Major shopping malls and hospitals with parking facilities use pay on foot systems and pay and display machines to manage their facilities. **nagels**, with more OEM approval certifications than any other ticket manufacturer, is your natural choice as your ticket partner.



Many management companies run car parks with a pay on foot systems and pay and display machines from different suppliers. Who better to choose to supply all your tickets than **nagels** as we have more approvals and recommendations from the OEMs to ensure the smooth running of all your parking operations.



In some countries, **nagels** offers to sell advertising on the reverse of car park tickets. The revenue stream this creates allows **nagels** to reduce the cost of tickets to the parking operator or City Council.

Why **nagels**



Manufacturing Quality

Ticket functionality is key to ensure the successful operation of our customer's car parks. Throughout the whole production process, we work according to the ISO 9001, ISO 14001 and ISO 27001 standards to ensure the best possible quality for our products. No matter where in the world our tickets are used, we consider the environmental and climatic conditions when advising on the construction of your tickets. Our QRFT (Quality Right First Time) approach to the manufacture and supply process means that you always receive the highest quality tickets from the industry's global leader. **nagels** stocks an extensive range of materials, compatible with all major equipment manufacturers (OEMs) and system integrator systems.



Certified Supplier

Due to our long-established relationships and close cooperation with OEMs, we know exactly what specifications and materials are required to ensure the smooth operation of your car park. OEMs trust **nagels**, and so can you. As an approved and recommended ticketing manufacturer, **nagels** works closely with the OEM and system integrators to ensure that all aspects of ticket construction meet the demands of the parking systems. This gives our customers peace of mind that our tickets will work perfectly every time.



Technical Support

Our technical team consists of the industry's most experienced specialists, all of whom come from engineering and print production backgrounds. As a result, our customers can remain confident that every piece of advice and support is implemented by a seasoned professional. We also provide detailed guidance to ensure that the client is given all relevant information and advice thereby optimising the quality and performance of their tickets.



Customer Service

Our customers can rely on our experienced customer service team which, in turn, has more than 40 years' experience in servicing the ticket industry. The customer service team is multilingual enabling **nagels** to operate internationally.



Sales

nagels has a sales team based in every continent. With more than 90 years' experience in ticket sales, our team is always available to discuss your requirements.



Environment

nagels also focuses on the environmental implications of printed media. This is why our procurement team source materials with Chain of Custody certifications from sustainable resources and provide FSC®/ISO 14001 accredited products whenever it is possible. **nagels** works hard to reduce our carbon footprint by implementing various initiatives, such as using sustainable energy at our production facilities.



Gilles Péret
-Head of Project Management-

Tickets



Pay on Foot

nagels manufactures pay on foot tickets for all the different systems used around the world. With approval status from the major OEMs for installations globally, **nagels** supplies tickets for all systems including barcode and magnetic stripe. As barcode technology continues to gain popularity around the world, detailed consideration is needed to ensure that the base material and thermal coatings developed are suitable not only for the issuing system, but the environment in which the tickets are used. Our team can provide guidance and advice in identifying the best grade to suit your operations, no matter where in the world you are based.

Due to their ease of use and dependability, tickets with magnetic strips have remained a popular option for decades. Suitable for a variety of applications, magnetic tape can be applied by either cold glue or heat transfer, using HiCo and LoCo tapes.



Pay and Display

nagels manufactures in excess of 1.5 billion pay and display tickets for customers around the world. The same rules apply for pay and display tickets as they do for pay on foot tickets, materials and OEM specifications are crucial in the production of tickets. Whether your machines are off-street or on-street, inside or outside, identifying the correct material for your parking machines will give you confidence that **nagels** will ensure the smooth operation and minimise disruption of your parking operation.



RFID

Efficient, fast and secure. Through contactless and wireless technology, our RFID ticket solutions for paper and PVC offer new opportunities for the parking industry. We manufacture your RFID tickets in-house in all existing formats. RFID tickets can be supplied without print, but we have the manufacturing capability to print these tickets with up to eight colours.



Additional features

We can offer a range of other product features, which can be applied to all tickets.



Formats

We are able to produce car park tickets as fanfold tickets and in rolls to specific sizes, with different material weights and microns in accordance with the specifications of your machine manufacturer.



Colours and Design

When designing your tickets, our in-house graphics department will assist with the layout of where to print your logo and text. Our printing presses can print up to four colour process on the face and reverse of tickets.



Materials

nagels only use materials which have been tested and approved by the OEMs. This gives all our customers around the world confidence to run their parking operation using **nagels** tickets.

Materials available range from basic paper grades through to thermal coated premium materials and environmentally friendly products. We also offer composite materials, thermo-composite materials, synthetic films and thermal coated films. All of these options are supplied in varying thicknesses and weights, allowing customisation to suit your needs.



Security Features

We can add security features into your product for added protection. This can range from a simple low-level solution, such as day-glow inks or fluorescing fibers in the substrate, to hot-stamped holograms or embossing. Also available are a range of security inks that react to heat or pressure as a means of confirming authenticity of the product. Examples of this application are coin-reactive and thermochromic inks that can be added into the product design. Additionally, secure encoding of the product is available for magnetics or RF technology if desired.



Case Study

As the international leader in parking ticket manufacture and supply, **nagels** was asked by a Middle East car park operator to provide technical and developmental support. The parking facility is a big, open car park exposed to extreme environmental influences. Temperatures in the car park can rise up to 50° Celsius during the peak of the day. Its current tickets in use weren't able to meet the demands of the environment.

1

The challenge

Equipped with a barcode system, our client was using barcode tickets delivered by another ticket supplier. Due to a lack of technical know-how and quality management, tickets exhibited major functional failures. Many Middle Eastern customers often keep their parking tickets inside the car, underneath the windscreen. The problem was that inside the vehicle the temperatures rise to 70° Celsius and more. Since barcode tickets are manufactured using thermal papers, the tickets turned black in the heat of the sun and the barcode became unreadable. The net result was financial loss for the parking operator and frustrated customers.

2

The requirements

In order to prevent changing the parking system, which would have had huge financial implications, a barcode ticket was needed that was resistant to the extreme heat while remaining fully functional.

3

The solution

Our technical team identified suitable thermal coatings and materials required for a heat-resistant barcode ticket. As the test results were positive, we manufactured and delivered the **nagels** tickets for field testing at our own cost. Our technical team also provided onsite support to guarantee flawless implementation.

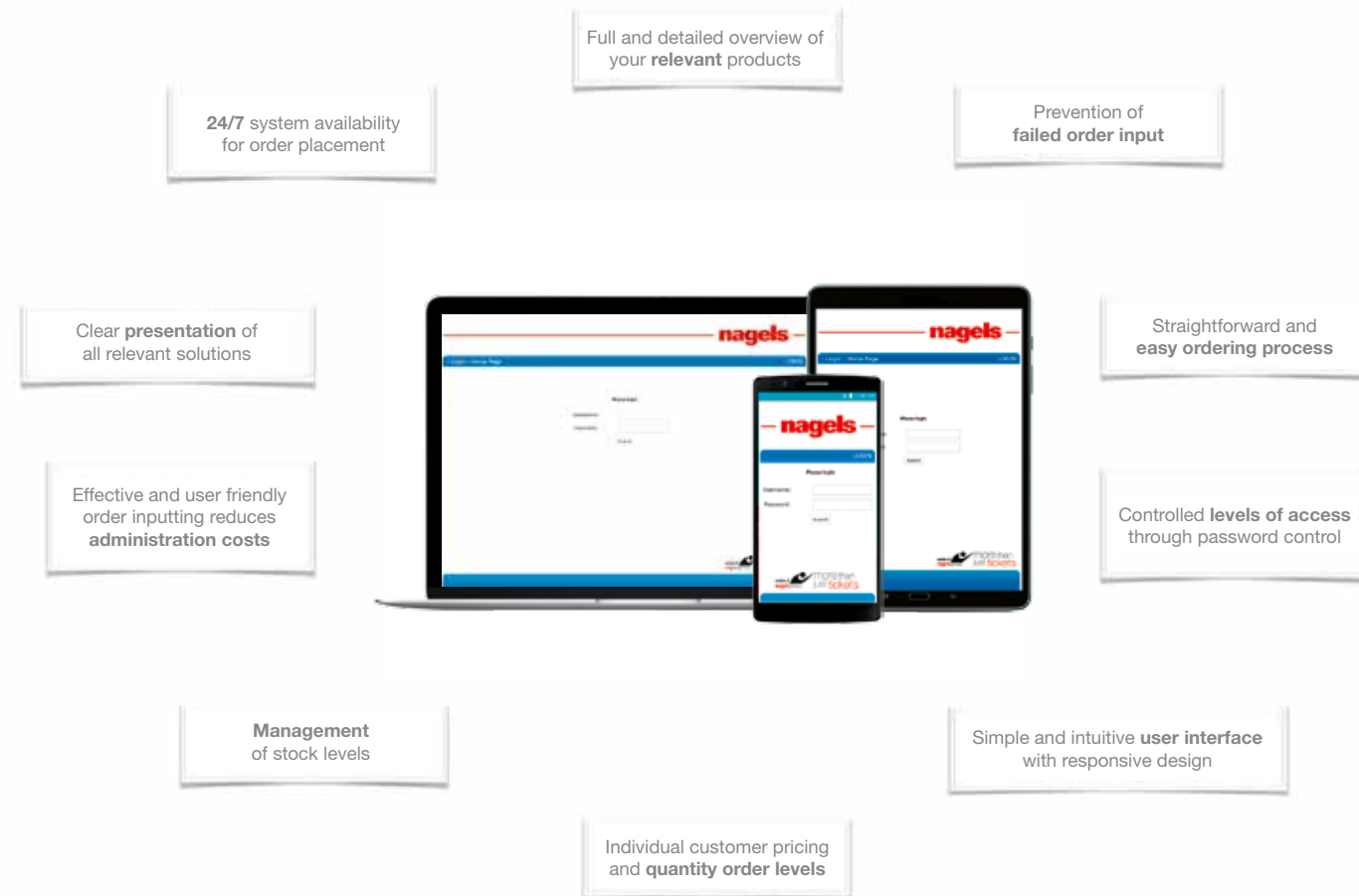
4

The end result

We developed a barcode ticket resistant against extreme environmental conditions but still suitable for barcode technology. The client was therefore able to resume normal operations without further disruption to the operation of the car park. In addition, we presented our e-portal ticket management system, allowing the customer to reorder tickets online, manage and view stockholding, and control delivery of his customised tickets.

Everything is at hand at all times

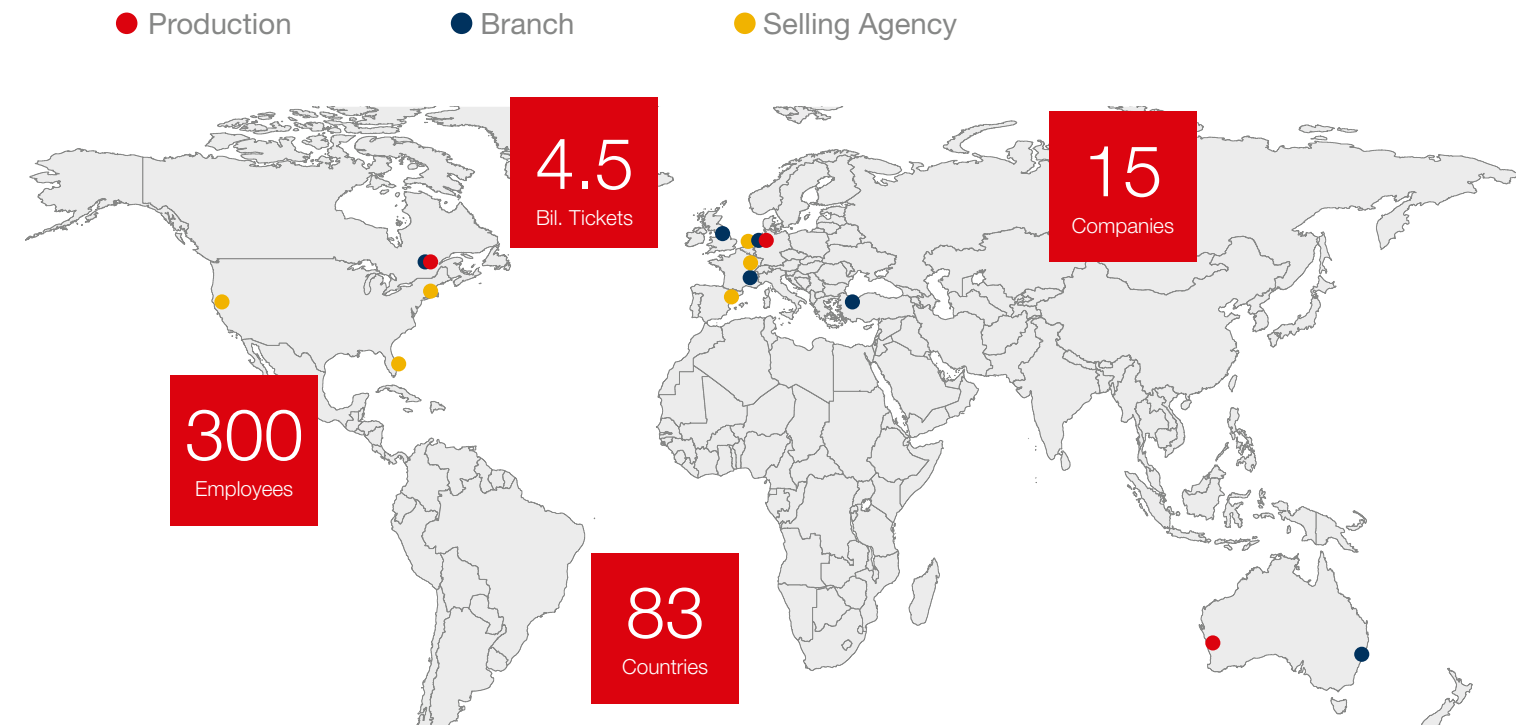
Our online ordering system has been designed to help you manage the ordering of tickets and products supplied by **nagels**. The ease of placing orders and following the process through to the delivery makes it easy for our customers to work with **nagels**.



Choose **nagels**

nagels is an established print solution provider active in a broad field of sectors. With expertise in your area of operations, we will prove a reliable partner by supplying high quality products tailored to your system. Get in touch today and take your business forward with state-of-the-art ticketing solutions.

Worldwide expertise in ticketing



members of **nagelsgroup** – more than just tickets

The **nagelsgroup** consists of highly specialised companies with the shared ambition for future growth. Each business works to our core principles while maintaining individuality, providing unique skills that benefit our customers and the ticketing and print industry in general.

