

>> Editorial

Dear Reader,

We are approaching the year's end in large steps. But first we still have a few highlights to offer, because Austria Card will not be resting in the last quarter year. Dubai, Granada, London, Frankfurt and Paris are only a few of the destinations at which you will find us.

We would also like to introduce a young Austrian artist, whose artwork has been reproduced twenty times in the Austria Card printing plant. Send us the adjoining segment today, to secure a chance at winning one of the reproductions.

Furthermore, on the inside of the brochure we will be introducing our new product – the Biometric Passport. Please read all the details on pages 2 and 3.

We hope you enjoy!



Fritz Tupy
CEO



Friedrich Ramberger
CEO

Masthead:

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Austria Card presents the Biometric Passport at CarteS.

CarteS 2004

CarteS is coming and Austria Card is once again a part of it. As in passed years, the renowned company from Austria is counting on familiarity with clients and hopes to see you at booth 4 J 42.

At the same time as a year with many highlights is coming to a close there's one more event – the largest gathering of the "Who's Who" in the card business from all over the world.

CarteS in Paris shall be opening its doors at the trade centre in Paris Villepinte from November 2 – 4. Austria Card is especially looking forward to welcoming you in Paris this year. After the large rush and meeting of many old and new friends in recent years, you can expect an even larger booth this year.

The presentation by Erik Mitterhofer and Johannes Marktl (Nov. 2nd, 11.00 – 12.30)

on the use of highly secure polycarbonate in card production as well as the various-possibilities that this material has to offer will certainly be among this year's highlights.

But you can look forward to some other product novelties at our booth. We shall be presenting the newly certified products from the area of payment transactions, our EMV-references from all over the world, as well as a special demonstration of the Biometric Passport.

Do not forget to attend the Austria Card booth at CarteS for the Happy Hour, daily between 16.30 and 18.30. You can find the free registration number for the show comes with CardVisions.

Secure Passports

America gives the direction, other countries shall follow. Passports with biometric characteristics are on the march all over the world. Austria Card has prepared a product that beats all expectations: The Biometric Passport.

Travelling to the United States of America is currently only possible, if you give a finger print at the airport and let yourself be photographed with a digital camera. The EU is also reacting to this development by deciding that from 2005, only passports with integrated chips are assigned. With the Biometric Passport, Austria Card has developed a product that fulfils all required standards and is adaptable to all current systems.

The possibilities offered on the data-page partially concord with those that can be implemented on identification cards. Here are a few examples of the recommended security features that can be applied on the Biometric Passport:

>> Iris-printing

The colours continuously change from one colour shade to another. Colour copiers cannot reproduce this effect. Therefore, copied fakes can be identified.

>> Guilloches

Guilloches are printed security lines whose intersections and geometries are unique. The line sequencing, iris-printing and careful colour coordination make duplication difficult.



>> Micro-Text

Micro-text are lines that consist of symbols or whole words that are printed very small. Without an enlargement system, these fine structures appear to be just lines. In a regular copy, the symbols involved would not be reproduced.

>> UV-Printing

Ultraviolet printing colour is invisible in regu-

lar light. If the card is observed under UVlight (UV-A) however, logos, design characteristics or text become visible in blue, red or green/yellow fluorescence colours. UV printing cannot be copied.

You can let yourself be convinced at the Austria Card booth at the CarteS 2004, and witness live personalisation.



The Trans-Border®-Feature is another innovation by Austria Card.

Cards instead of Discs

With the introduction of digital tachographs, a new business field opened for Austria Card. The card disc that was used in conventional tachographs is now being thrown in the bin, they are now being replaced by chip-cards in the new digital tachographs.

The digital tachograph is also coming to Austria, and will be replacing the veteran tacho-discs and tacho-slides. After calling for bids, the Federal Ministry for Transportation, Innovation and Technology has decided on an Austrian solution.



The Digital Tachograph

Austria Card has prevailed and received a contract for the next five years. The bid was a call for the operation of the chip cards necessary for the new digital control devices. Austria Card delivers the chip cards made of polycarbonate, a very resilient material with a service life of at least ten years.

Austria Card's sales manager for identification cards, Stefan Hofer, is excited about having won a second tachograph bid: "Once again we have proven that Austria Card is now represented in all sectors of the chip-card market. In Austria, we have the trust of all bank institutions, we will also show the Federal Ministry for Transportation, Innovation and Technology that we are a strong and reliable partner.



>> Identification Experts

After all, the Austrian identification card, and the Austrian residence permit as well as travel documents and driving licenses for various European countries (including Denmark, Sweden, Slovakia and the Czech Republic) are produced in Vienna Inzersdorf.



The four different types of tachograph-cards (top) and Austria Card's Sales Manager Stefan Hofer (bottom).

In cooperation with a partner company, Austria Card has been producing the card for the digital tachographs in Sweden since the beginning of the year.

>> Question time



Mag. Johannes Marktl
Product Manager
ID and Government

Why did Austria Card get into the passport business?

"We have many years of experience in the processing of polycarbonate. This material is a very important part of the new passports. Optical security features can be implemented on this material

much easier. Furthermore we have many years of know-how in the chip card industry as well as for chips in the contact and contactless area."

What's so special about Austria Card's e-passport solution?

"Austria Card offers an open solution and can adapt to the countries' needs individually and flexibly – this is valid in the implementation of the data-page as well as the actual position of the chip. Furthermore this product enables highly secure laser personalisation in all variations. By developing the highly secure TransBorder® Features, Austria Card has once again become a trend-

setter on the identification market. The chip is implemented by Austria Card and the end product is delivered with the ICAO*-conformed operating system ACOS-CL."

ACOS in the passport – How is this possible?

"Besides the ACOS product family in banking, Austria Card has developed a contactless version – ACOS-CL. Built on ACOS, a separate development team programmed the mask for contactless identification and verification."

* ICAO = International Civil Aviation Organisation

East and West, North and South



Austria Cards team is always on the road. Ulrike Jessen was invited to celebrate the opening of the 4th CardTechKorea (top left), Georg Prüfert traveled to Russia to the CardEx Russia (top right); the telecom sales team in Zagreb (bottom left); Austria Card's quality is rated in Korea (bottom middle); Austria Card was awarded two prestigious prices for their advertising and marketing campaigns in Austria (bottom right).

AUSTRIA CARD >> Event Calendar

Highlights 2004

October

05. – 06.10.2004
GSM Middle East in Dubai
www.ibctelecoms.com

06. – 08.10.2004
Intergraf in Granada
Austria Card will be presenting the newest security printing trends at booth 33.
www.intergraf.org

14. – 15.10.2004
Biometrics in London

Visit Austria Card at booth 19, and observe a presentation by Product Manager Johannes Markt.

www.biometrics-2004.com/index.htm

25. – 28. 10. 2004
EBIF in Frankfurt
Visit us at booth 3.0C38 to get the latest information on Austria Card's activities in Germany.
www.ebif.de

November

02. – 04. 11. 2004
Cartes 2004 in Paris
This year's largest trade fair will also be

Austria Card's largest event this year. At booth 4J42 you can speak with our experts about the highlights of the past year as well as take a look at future plans and discuss new trends in the card business.
www.cartes.com

18. – 19. 11. 2004
ID World in Barcelona
Product Manager Johannes Markt shall introduce the Biometric Passport.
www.idworldonline.com

23. – 24. 11. 2004
Karta 2004 in Poland
www.karta2004.pl

Frozen Movement

The artist lets the dancer vibrate. The resulting movement is frozen in layered levels. This edition of CARDVISIONS contains valuable frozen goods. Delicate technique is the reason that such delicate fare can be brought to the table, and in a palatable condition in which all flavours blossom.

Dear readers, please grab them while the plate is still hot! Angelika Rattay's artwork is Number Seven of Austria Cards art promotion, soon it won't be available anymore. The first twenty bon vivants will receive their own personal copy of the movement study.

The Austria Card printshop is also a special high-tech laboratory. Identification cards, credit- and bank cards are garnished with delicate security characteristics. This means that even something moving, such as Angelika Rattay's study, can be printed to the highest quality. We would like to send you one of these beautiful prints. Just send an e-mail titled "rattaypicture" to cassandra.zwerina@austriacard.at or fax this section to +43 (1) 610 65 650. With a little luck

you will soon be able to call a movement study your own.



Angie Rattay

Biography

- 1977** Born in Vienna, Austria
- 1996** Commercial Academy Diploma
- since 1999** Studies at the Applied Arts University
- 2004** Joseph Binder Award



Movement Study
52 x 62 cm

Angelika Rattay's movement study puts onto canvas, what cannot be held fast. Frozen time slices layered over and next to each other. But the cold store is hot. The lines are drawn with passion, the red colour frames the shadows of memory of the erotic body. The artist's favourite nude model moves according to a gentle choreography that is followed by pen and ink on paper.

Angelika Rattay not only shows movement. The movement of creation is meditation to her, relaxation, far more satisfaction than pressure. She knows that her work is only good when she can "feel her fingers tingle".

Besides the human body, her repertoire also includes portraits, illustrations and landscapes. She works with acrylics, chalk and pencil.

COMPETITION



Win one of 20 Pictures!

Fax to: +43 (0) 1 610 65-650

› **Company**

.....

› **Name**

.....

› **Address**

.....

.....

› **Telephone**

.....

› **E-Mail**

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The competition is open to all readers of this newsletter with the exception of Austria Card employees. The promoter's decision is final. By entering this competition you allow your data to be electronically saved at Austria Card. We do not pass this data onto third parties. The winner will be informed by us. Further correspondence regarding the competition cannot be entered into.