Software to soften the edges

Airbrushing is no longer confined to the publishing industry with the advent of new software that enables anyone to beautify pictures of themselves, writes Adrian Weckler

r. But new software packages re changing that, as do-it-ourself airbrushing enters the ainstrace nainstream.

Last month, a British-based of tware company called

mainstream.

Last month, a British-based soft ware company called egorithms of the company called growth of the company called growt Last month, a British-based software company called Anthropies launched a new product, My Perfect Picture (my perfectpicture.com). Also released as Portrait Professional (portraitprofessional.com), it identifies a face on a digital picture and then zooms "adjust" individual features of your face, from the eyebrows, mouth, chin, nose and forehead to checks, neck and even hairline.

by very, very gently morphing the subject's face towards that. Beech predicts that people's fundamental desire to see an idealised version of them-selves, together with the explo-sion in digital photography did create enough demand for such packages to be a mainstream feature of our digital photo packages.

reture of our digital photo packages.

"Digital photography has rocketed over the last few years, and there are more people out there sharing and storing more digital images than ever before," he said. "As people enjoy sharing pictures on line more and more, the opportunity to enhance them will become more and more ponular."







images and collated them with what people said they liked or disliked.

Leyvand's software came up with algorithms based on the distances between facial featers with algorithms based on the distances between facial featers with algorithms based on the distances between facial featers with a face's eyebrows or facial width at eye and mouth level. From this set of analyses, the software came up with its own so-called beauty function, or a face's eyebrate with the software came up with its own so-called beauty function, and the software to the manufacture of the software to the software to the manufacture of the software to them and did another survey, asking people what they thought of the chosen faces before and fert pehy had been corrected. 30 per cent of rouched up these were more attractive.

Curran said the growth in cameraphones has created

Leyvand believes that this is just another manifestation of image-conscious consumers following their fashion idols. "Professional photogra-phers have been retouching and deblemishing their sub-jects ever since the invention of photography," said Ley-vard

a strict.

Leyvand made a presentation of his work at this year's technology-orientated Siggraph conference.

But is this a new depth of marcissism to be resisted? Are we in danger of trying to airbursh all traces of reality out of our appearance?

new levels of neurosis about one's self-image. "How many times do you see girls in shop-ping centres looking over each others cameraphones and screaming 'delete that', 'delete that'?

others cameraphones and screaming 'detect that'. Add how many times do you see people making a fuss about their passport photos? They want to look like movie stars A product like this would marketed in the right wag." said Curran.

So far, the touch-up packages are only available for turcom or portrainprofessional com. However, it will not be long before such functional-ity becomes a core part of maintenam digital photo editions and the contraintenam digital photo editions. So far when the contraintenam digital photo editions are some part of maintenam digital photo editions. So far when the contraintenam digital photo editions. So far when the contraintenam digital photo editions. So for the contraintenam digital photo editions.

Leyvand.
"Since the human face is arguably the most frequently
photographed object on earth,
a tool such as ours would be a
useful and welcome addition
to the growing arsenal of image enhancement and retouching tools available in digital

image editing puckages," he said. "The potential of such a tool for motion picture special effects and advertising is also quite obvious."

Other uses, such as submitting pictures for online dating, also present themselves as an activation for the control of th

raters from different ethnicities, socio-economic classes, ages and gender."

On a practical level, Ley-vand said that temporary blemishes such as acne, rashes or bad skin can be done away with for the purposes of long-term representations, such as passport photos. The era of the 'bad photo', he said, could soon be at an end.

reality**BYTES**

Adrian Weckler

Second-hand could be good first choice

Some time ago, Belfastbased newspaper The Irish News purchased Microsoft Office for 80 of its in-house computers. However, it did not fork out big money for the latest version, Office 2003. Instead, it bought second-hand licences for an older version, Office 2000. In doing so, it saved about €13,000, or €160 per computer.

Ci3,000, or C180 per computer.

Its rationale was simple:
Its rationale was simple:
Why buy a Proxice when a
Office 2003 has a host of
Office 1004 has a host of
Office 2003 has a host of
Office 1004 has a host of
Office 2004 has a host of
Office 2005 has a host of
Office 2003 h

advantage of an emerging trend among businesses that have decided they do not need all of the bells and whistles of the latest operat-

whistles of the latest operating systems.

In the same way as the latest dual core PC with more than a gigabyte of Ram may not be crucial to getting orders in and out, small business directors are wondering whether the extra 6150 for the premium edition products are justifiable.

edition products are justification in the product of the reality that more out of the reality that more than 90 per cent of most small businesses' operations are based on a small number of standardissed one of the procedures. Not uprading one of the procedures were upractically to affect them in the short term. Specialist resellers are springing up to take advantage of this. One such firm, Specialist resellers are resident with the price of the procedure of the procedure of the product, said Noel Unwin, a consistent of the product, said Noel Unwin, a director of the company. "However, the question that businesses are now asking the meselve product," said Noel Unwin, a director of the company. "However, the question that businesses are now asking the meselve product," and the product of the product, and more importantly, whether they are actually being adopted; and office applications, Microsoft represents one of opportunity of the prime areas of opportunity o

nity for companies like Dis-count-Licensing.com.
"In some cases, interna-tional purchases of older 2000, pre-2000 and 2002 component version li-icences have achieved net savings in excess of 50 per cent on single purchases of more than €50,000," he said.
So is this a disaster for Microsoft? Will its business customers all flock to

microsott? Will its business customers all flock to cheaper, but fully func-tional, versions of Windows and Office? Not so far, ac-

The vast majority of Microsoft purchases are still for new editions

cording to Unwin.

He said that about 15 per cent of enquiries received for enquires received corn have been from existing Microsoft resellers. But lever soft purchases are still for Unwin said some of the industry's concerns that prices for the newer versions would collapse had received to the control of the control of

available for older versions of its products, companies that had been illicitly using unregistered copies have a greater incentive to come clean and purchase a licence for the software. So next time you recoil at the several hundred euro price tag on the Microsoft product you're pondering for your business, check out the second hand alternatives.

GADGET of the week

Motorola H700 Bluetooth headset

It may make you look like a hit of a grek when valking down a street, but the Bluetoeth header is a valking down a street, but the Bluetoeth header is a comparing the street of the str noise-reduction technology makes an audible difference to the transfer of the



Where to buy PERFUME online

It's the same old story: your girlfriend will only wear Baby Doll by Yves Saint Laurent, but the shop is out of it. When it comes back in, it will cost €40 for a 35 measly millilitres. Surely there has to be a better way? There is, thanks to the internet.

www.perfumeireland.com

This Irish site has a massive range of perfumes, most of which are the same prize or a little cheaper than their equivalent shop prices. From Lancome to Boss to Estee Lauder, it's loaded with scents and is well worth a look.

Cost: Baby Doll eau de tollette spray by Yves Saint Laurent (100ml) – 657 Delivery: free

This US site is definitely one of the



perfumeireland.com (which itself has reasonable prices). If you're stocking up on perfumes for any reason (such as gifts), this is a must-visit webstore.

Cost: Baby Doll eau de toilette spray by Yves Saint Laurent (100ml) − €31.50

Delivery: €11.50 plus 77c per item

www.perrume.ae
This is not the definitive Irish perfume
site, but rather the address of a small
niche Irish perfume-maker, who was obviously quick off the mark with the dedicated dot ie domain name. The
manufacturer does a small handful of
men's and ladies' fragrances, mostly under its linis brand.

der its Inis brand.

Cost: Inis cologne spray (50ml) − €26.50

Delivery: €4 for orders between €15 and €30; higher for orders exceeding €30