

*Kofax Ascent Capture and Bell + Howell Copiscan 8080 Plus  
in use at DYNEVO, Leverkusen*

**ALOS**  
OPTISCHE SPEICHERSYSTEME

## Full service at a world-class standard

The cross-media service provider DYNEVO GmbH develops tailor-made communications solutions for individual customer requirements. As a wholly-owned subsidiary of Bayer AG, DYNEVO not only works with all the departments of the parent company's branches worldwide, but is also active on the market as an independent service provider. In order to be able to offer creativity and competence alongside cost-effectiveness, DYNEVO uses amongst other things a total scanning solution for the area of "DMS" this consists of the data capturing software Kofax Ascent Capture and the high-performance Bell + Howell Copiscan 8080 Plus scanners, which were installed by ALOS GmbH within the shortest possible time.

Achieving optimal communication for its clients according to their envisaged target groups is the aim – this means DYNEVO GmbH has to bundle data and information of every kind: archiving it, converting it into digital and analogue communication media and then making sure this is delivered as quickly as possible. The Bayer subsidiary develops these cross-media solutions by combining four areas of service: "New Media" (Internet applications, databases, CD ROMs, Application Service Providing), "Print Media" (graphics, pre-print, offset printing, photo services), "Document Management" (scanning, OCR/ICR, digital archiving) as well as "Media Logistics" (individualised mailings, lettershop, mail-order). In doing this, all the media forms are linked with each other ('cross-media'), so that the combination of different display formats reaches the rele-



vant target group in the best possible way- and quickly, easily and cost-effectively.

### Segment Document Management

Of course, the services developed for each segment can also be deployed separately. When it comes to centralised control of documents, digital archiving or scanning DYNEVO is able to profit from the years of experience accumulated by its 39 departmental employees who have worked there since the age of

microfilm, when the company was not yet independent but was merely a department of Bayer AG. On 1st July 2001 DYNEVO GmbH was founded as a wholly-owned subsidiary of the global group, now with 200 employees. One of the first assignments from our parent company was the task of digitally archiving the existing paper archives which comprised several thousand folders, all bulging with research documents. Given this situation, it was necessary to expand our equipment accordingly:



five Bell + Howell Copiscan 8080 Plus scanners combined with the document- and data capture solution Kofax Ascent Capture were intended to ensure that this task was dealt with reliably and above all as quickly as possible.

"As one of the fastest and most flexible scanning and indexing solutions on the market, Ascent Capture offers us a broad spectrum of capabilities," says Rainer Kollarczik, Head of Input Management at DYNEVO. "The decision we made to get the high-performance



Rainer Kollarczik, Head of Input Management at DYNEVO

scanners Copiscan 8080 Plus from Bell + Howell paid off as they did come up to our high standards. Aside from the machines' reliability, the speed factor plays a big role given the high volume of jobs we have to deal with." Rainer Kollarczik continues.

#### **Deadlines were met**

In the final analysis speed was also the clinching factor in the choice of which service provider should be chosen to procure and install the total solution. "Our time schedule for the complete set-up of the soft- and hardware from start to finish was 14 days," explains Rainer Kollarczik. "ALOS GmbH was able to meet this requirement amply- which we really appreciated, because after all we have known this Cologne firm since our micrography days, when ALOS used to supply us with

equipment and accessories such as cameras and film," says Rainer Kollarczik. The firm, which offers a diverse range of products from well-known hard- and software manufacturers with a focus on document management, experienced no problems in meeting the planned deadline. "Our years of experience tend to give us decisive competitive advantages. As specialists in optical storage systems, and because we also offer proprietary DMS developments in addition to a convincing and wide-ranging service offer, we are able to estimate exactly what our customers require and what their priorities are," explains Wolfgang Schmitz, Managing Director of ALOS GmbH.

#### **Global batch processing**

Using the equipment installed in November 2001 by ALOS, DYNEVO was able to take on other mass-scale and batch processing tasks in addition to undertaking the digitalisation of the research archive whilst maintaining the highest quality standards. Since then the company has been undertaking work for the global departments of the Bayer group: scanning and archiving all the human resources documents, on-going research reports and documents,

patents, incoming invoices, delivery notes, insurance reports and orders; all in all



Approx. 5-10,000 documents are scanned and archived per day.

a total of approx. 5-10,000 documents per day.

The individual departments supply the original documents in files which are in turn ordered into different registers. Within the folders, each consecutive sheet is assigned to the relevant document using patch sheets and/or separator sheets, which carry a corresponding barcode. The barcode then tags the beginning of the relevant document, folder and register. Using this hierarchical tagging system it is possible for a job to be taken on by several scanners at the same time, as one example. Secondly the code number contained in the barcode can be used when researching in order to quickly find the document sought.

After the scanning process has been concluded and thorough checks have been made, DYNEVO destroys the original documents and sends the archive to the relevant client on CD ROM or online. As an additional

security measure two extra workstations are created so that all scanned-in documents can be checked visually. In order to ensure the same high quality for the most sensitive documents, this process is used as standard.

### **Flexibility made to measure**

Alongside efficiency, expandability of the scanning software also represents an important issue for communications and media service providers. If it is true to say that by using OCR (machine-printed characters) and OMR (checkmarks and barcodes) we are already profiting from technology that enables us to store only the data extracted from the images, in the future the area of ICR (handwritten characters) will also be capable of expansion. KOFAX Ascent Capture provides some efficient and reliable features here: e-mails, word-processing files, photos, and/or web forms can all be processed within a single indexing and validation process, so that all information can be accessed reliably, effortlessly and quickly, regardless of its source. Another of Ascent Capture's strengths lies in the opportunities for individual design. Aside from carrying out standard processing steps such as

scanning, recognition or validation modules, your own modules can be also be written and then linked to Ascent Capture through XML Backbone. In the same way the user interface can be modified using the built-in COM interface, and a similarly integrated macro language enables format checking or automatic checking of index values using superior database accessing methods.

### **New scanner platforms**

The company's hardware equipment is the final successful link in the chain of overall efficiency: with a processing speed of 80 pages per minute the new Bell + Howell Copiscan 8080 Plus scanner platform is excellently suited to high-volume production environments. Equipped with the Kofax Virtual ReScan image improvement technology, documents with poor picture quality now no longer have



Bell+Howell Copiscan 8080 Plus

to be continually rescanned, thanks to the new control function. In addition, documents no longer have to be sorted by picture quality, thanks to the

auto-grey balance. A lot of the other usual problems to do with paper feeds are solved with the Copiscan 8000 series model. Firstly, the machines are equipped with a new kind of paper transport system, where the paper feed adjusts automatically to paper thickness. Secondly, the exit tray can deal with documents of



DYNEVO, the wholly-owned subsidiary of Bayer AG, is active as an independent service provider.

almost every size. Since this new technology means paper jams hardly ever happen any more, this means a higher level of efficiency and thus a clear increase in productivity: Rainer Kollarczik: "We are extremely satisfied with the performance of the Copiscan high-performance scanners. In addition, they are distinguished by their extreme ease of operation, so we do not need to spend a long time training staff to use them. This saves time and money on the one hand, and on the other the ergonomic work-table is a considerable motivating factor. With the equipment installed by ALOS and the service that goes with it, we are in a position to work in a very economical way and to offer our services to other

companies in addition to the volume of jobs we perform for Bayer AG.

Of course, this is not only relevant for the area of document management, but also for the whole of cross-media production."

DYNEVO GmbH Bayerwerk  
Gebäude K17  
D-51368 Leverkusen  
[www.dynevo.de](http://www.dynevo.de)

Total number of employees: 200  
Archiving: approx. 5 -10,000 documents per day

DV-infrastructure for DMS/scanning:  
· 5 Bell + Howell Copiscan 8080 DV Plus (Duplex, Video)  
· 5 Alos special scanning tables for the 8000 series  
· 5 Kofax Adrenaline Boards EH 1700-2000  
· 5 Kofax Ascent Capture Scanstation-Software  
· 3 Kofax Ascent Capture Workstation-Software  
· 5 computers using Windows NT 4.0  
· 5 21" monitors

For further information:

ALOS GmbH  
Optische Speichersysteme  
(Optical Storage Systems)  
Dieselstr. 17  
50859 Köln  
Phone: 049 (0)2234/4008-0  
Fax: 049 (0)2234/4008-23  
<http://www.alos.de>  
[info@alos.de](mailto:info@alos.de)

# ALOS

OPTISCHE SPEICHERSYSTEME