



Specialist for Storage Technology

Find out about modern copying systems
and services for your mobile data



Card duplication services for state-of-the-art devices and applications

Navigation systems

The maps for modern navigation systems are often supplied on memory cards. altec already provides a fast and reliable copying and labelling service for many leading suppliers of navigation systems and navigation data.

Mobile game consoles

altec can apply its extensive experience with copying memory cards to upcoming mobile game consoles based on Windows Mobile. One of the requirements is to provide copy protection for games which are supplied on Flash cards. An optional extension of our copying software reads the card-ID number and sends it to an external program. The external program generates a card-specific key which is then stored on the card. This technology can be used to ensure that the game can only be started from the original memory card.

Smart phones – Camera phones – PDAs – Notebooks

altec can copy price lists, catalogs, train timetables, games, ringing tones, music, technical data and software to your memory cards. In the business sector for management and field representatives. In the consumer sector for marketing and advertising activities and for customers and business partners.

MP3 Players

The market for MP3 players is expanding. In many cases, manufacturers or suppliers load them with music data before shipping. altec provides copying services for this market sector, too.

All memory products and services from the same source

altec, your specialist for memory technology, supplies the entire spectrum of modern products and services. We can easily meet all of the needs and wishes of our customers:

- ▶ altec can supply suitable memory cards to meet your requirements – in any quantity and quality you need and always at the best price
- ▶ altec can duplicate and individualize the data on the cards according to your specifications – fast, quick and reliable service
- ▶ altec can apply labels to any card format and make blister packs with any package format – in any quantity, with custom labels and very quickly.

In addition, you can rent our purchase altec CopyStations to duplicate the memory media yourself. Experts in our development department can adapt the CopyStations so they can be seamlessly integrated with your existing production equipment.



World-wide unique: highest performance due to automated copying

Robo CopyStation

Based on our well proven CopyStation technology, altec has developed the first portal robot for automatic handling and duplicating of memory cards. The Robo CopyStation M1 currently allows to copy 20 SD Cards or MultiMediaCards in parallel. It is by far the fastest copying station on the marketplace.

The next generation M2 will be capable of duplicating 48 cards in a single operation and is directly compatible with:

- > SD Card
- > MultiMediaCard
- > miniSD
- > microSD
- > RS-MMC.

A throughput of approximately 3400 cards per hour can be achieved with 64 MB SD Cards.

The Robo CopyStation enables completely new possibilities for distributing software, games or music with mobile memory media.

Due to the large production quantities the Robo CopyStation is an ideal solution for manufacturers of smart phones, mobile gaming consoles, navigation systems and PDAs. Other providers of content on memory media can also benefit from a significant cost reduction per copied memory card when the Robo CopyStation is used to capacity.

World class CopyStations to ensure your success

FlashCard CopyStation

Data images of all mobile memory media can be flexibly and reliably duplicated. Depending on your requirements, we can supply a stationary and a mobile version. Using PC Card adapters, the FlashCard CopyStation supports all popular current formats:

- > SD Card
- > MultiMediaCard
- > CompactFlash Card
- > Microdrive mini hard disk
- > Memory Stick and Memory Stick PRO
- > SmartMedia Card
- > xD-Card.

The altec copying software which is included can be used to create, write and verify data images of the memory cards. The copying software is easy to use and user-friendly.

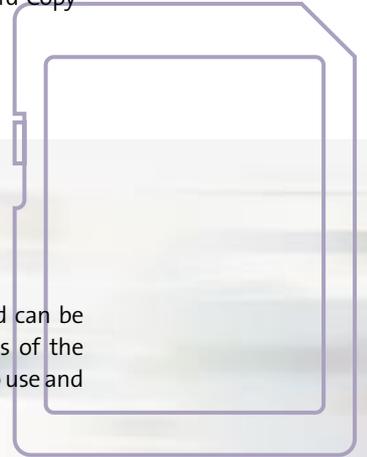
High-Speed CopyStation

Parallel copying allows even faster duplication of memory card images. To ensure maximum production speeds, the High-Speed CopyStation is provided with CardBoxes with slots for 20 memory cards.

CardBoxes are currently available for the following formats:

- > SD Card & MultiMediaCard
- > CompactFlash Card
- > miniSD
- > RS-MMC
- > OTP (One Time Programmable) SD Card & MMC.

CardBoxen for Memory Stick PRO Duo, microSD and USB memory sticks are in preparation.



The FlashCard CopyStation can be used to copy practically any type of mobile memory media.

High-Speed CopyStation with five different exchangeable CardBoxes.

The FlashCard CopyStation Mobile USB can be used to make image copies on site, e.g. for service technicians.

The highlight from our developers: the Robo CopyStation. The first fully automated copying station worldwide for mobile memory media.



Convincing services for excellent results

Supply of memory cards

Have a look at our extensive range of mobile memory media products: altec can supply unlabelled memory cards at the best prices. We are also happy to process memory cards which are supplied by you.

Duplication of card images

CopyStations allow altec to copy memory card images very quickly to any mobile memory media. The content of each memory card can be modified as required, e.g. for copy protection.

Card labelling

altec can apply custom labels to the memory cards. Our graphic artists can design the labels for you or we can manufacture labels from your ready-to-print digital layout. The polyester foil can be printed in a wide range of colors and designs.

Packaging and Jewel Cases

We can package any quantity of memory cards with adapters or similar accessories and can insert them into jewel cases of transparent plastic to protect them against dirt and damage. The jewel cases can also carry a printed logo or label and can be provided with additional protection such as high quality metal boxes.

Blister packs

altec can put the cards or jewel cases into blister packs, optionally with a custom design or inlay. We can also provide other types of packaging. If required, the blister packs can include your accessories, too.



altec can apply custom-designed and individualized labels to your memory cards.

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 **altec**
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