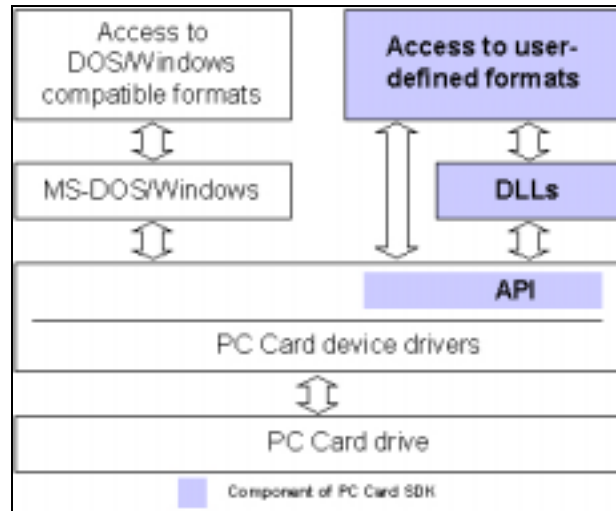


PC Card SDK

1. **Software Development Kit for PC Card applications**
2. **Simplifies the access to user-defined and binary data formats**
3. **Supports users and developers by samples and DLL solutions**
4. **Documents the API and DLL interfaces**
5. **Applicable to any PC Card drive, e.g. OmniDrive Professional or SoftDrive**
6. **Available under MS-DOS, Windows 3.x, Windows 95/98 and Windows NT 4.0**



PC Card applications problems

In order to use PC Cards with PCs or notebooks a large number of PC Card drives are available today. But the enclosed device drivers often only allow the handling of MS-DOS/Windows formatted media.

However, many applications can be realized only by means of special, binary data formats or linear Flash Cards. Typical example are **data acquisition systems** with real time requirements or configuration of machines and facilities.

In any case the PC Card data have to be processed by PC application in an easy manner. Especially under Windows NT 4.0 this causes difficulties.

PC Card SDK support

We offer a large range of PC Card drives providing an additional programming interface, the **API for 16 bit IoCtrl or 32 bit DeviceIoControl** respectively. This one allows handling of user-defined data formats and programming of Flash Cards **in own applications**. The PC Card SDK is intended to make these tasks far easier. Apart from a detailed documentation the package includes two **DLLs**, one for **16 bit and 32 bit Windows applications**.

Compatibility and flexibility

These DLLs are already covering the access to the API and offer a more simple interface to own applications.

The use of these DLLs is not restricted to C programs only. Rather they also can be interfaced to **other programming languages**, e.g. DELPHI or BASIC. Often PC Card applications are running on **various platforms**, like PCs with external PC Card drives or notebooks with integrated PC Card slots as well as under **different operating systems**. Therefore a high flexibility of the programming interface is required. We have attached importance to keep all these interfaces **compatible** with each other. In practice that means for instance that in an application the *OmniDrive* can be **replaced** by the *SoftDrive* at any time.

A 32 bit application can access PC Card data via the **CSMDLL** under **Win 95/98 and Win NT 4.0** the same way and without any operation system specific adaptation. This also applies to 16 bit applications under **Win 3.x and Win 95/98** accessing the data via the **MEL-DLL**.

The extensive compatibility of the API and the DLL-based interfaces allows easy **porting** of applications as well as the reuse of code.

Specification PC Card SDK

Item	PC Card SDK 32 bit	PC Card SDK 16 bit
PC Card products supporting API	OmniDrive Professional, OmniDrive intern Professional, SoftDrive WIN 95/98	OmniDrive Professional, OmniDrive intern Professional, SoftDrive WIN 95/98, MEL-PCJ Station, MEL-PCJ Slot-Board, MEL-PCJ CIS-Board, MEL-PCJ/8 Station
Operating Systems	Win 95/98, Win NT 4.0	MS-DOS 3.3+, Win 3.x, Win 95/98
Programming Interfaces	API-32 accessible via 32-Bit-DeviceIoControl	API-16 accessible via 16-Bit-IoCtrl
DLLs	CSMDLL	MEL-DLL
Samples	C++ Application for API-32 C++ Application for CSMDLL	C-Application for API-16 C++ Application for MEL-DLL
Documentation	For API-32 and CSMDLL	For API-16 and MEL-DLL

Shipping Contents:

Disk (3 1/2") with:

- **API-32** and **API-16**
each as C header file
- **DLLs** each including C header file, library file
and *.def file for DLL import
- **Samples**
- **On-Disk documentation** (PDF)

Other PC Card products:

- **OmniDrive Professional** or
OmniDrive intern Professional
external/internal PC Card drive for all kinds of
Memory Cards
- **SoftDrive WIN 95/98**
software bundle handling PC Card slots of
notebooks and PCs