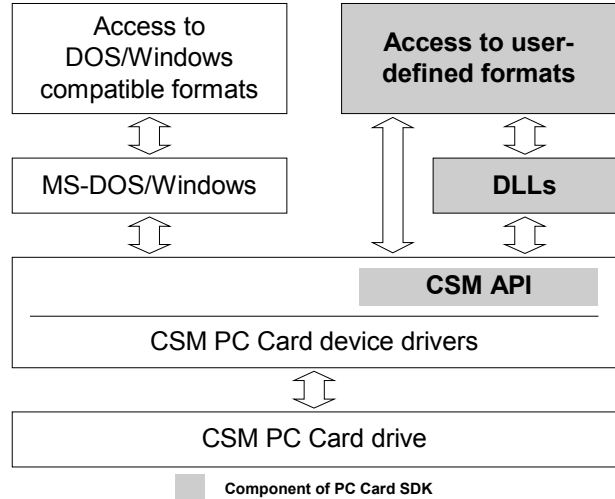


- ❑ **Software Development Kit for PC Card applications**
- ❑ **Simplifies the access to user-defined and binary data formats**
- ❑ **Supports users and developers by samples and DLL solutions**
- ❑ **Documents the CSM API and DLL interfaces**
- ❑ **Applicable to any CSM PC Card drive, e.g. OmniDrive USB LF**
- ❑ **Available under Windows 95/98/Me, Windows 2000/NT 4.0, Windows XP**



## PC Card application needs

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 examples 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 applications in an easy manner. Especially under modern Windows operating systems this causes difficulties.

## Support through PC Card SDK

CSM offers a large range of PC Card drives providing an additional programming interface, the **CSM API for 16 bit IoCtrl or 32 bit DeviceControl** respectively. This one allows handling of user-defined data formats and programming of Flash Cards **in own applications**.

The CSM PC Card SDK is intended to make these tasks far easier. In addition to a detailed documentation the package includes two separate **DLLs**, one **for 16 bit and 32 bit Windows applications**.

## Compatibility and flexibility

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

The use of these DLLs is not restricted to C programs only. In addition they also can be interfaced to **other programming languages**, e.g. Delphi or Visual 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.

CSM has attached importance to keep all these interfaces **compatible** with each other. In practice that means for instance that in an application the CSM OmniDrive can be **replaced** by the CSM SoftDrive.

A 32 bit application can access PC Card data via the **CSMDLL** under **Windows 95/98/Me, Windows 2000/NT 4.0** or **Windows XP** 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 CSM 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 CSM API	OmniDrive Professional, OmniDrive intern Professional, OmniDrive USB Professional, OmniDrive USB intern Pro, OmniDrive USB LF, OmniDrive USB LF/SD, OmniDrive USB CF, OmniDrive USB CF/SD, SoftDrive Professional	OmniDrive Professional, OmniDrive intern Professional
Operating Systems	Windows 95/98/Me, Windows 2000/NT 4.0, Windows XP	MS-DOS 3.3+, Win 3.x, Win 95/98
Programming Interfaces	CSM API-32 accessible via 32-Bit-DeviceIoControl	CSM API-16 accessible via 16-Bit-IoCtrl
DLLs	CSMDLL	MEL-DLL
Samples	C++ application for CSM API-32  C++ application for CSMDLL VB/VBA-samples	C-application for CSM API-16  C++ application for MEL-DLL
Documentation	For CSM API-32 and CSMDLL	For CSM API-16 and MEL-DLL

## Shipping Contents:

**Disk** (3 1/2") with:

- **CSM API-32** and **CSM 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 USB LF**  
external/internal PC Card drive for all kinds of  
Memory Cards
- **SoftDrive Professional**  
software bundle handling PC Card slots of  
notebooks and PCs

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