This is part of **Family API** which allow to create dual-os version of program runs under OS/2 and DOS

Note: This is legacy API call. It is recommended to use 32-bit equivalent

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VioShowBuf

This call updates the physical display buffer with the logical video buffer (LVB).

Syntax

```
VioShowBuf (Offset, Length, VioHandle)
```

Parameters

- Offset (USHORT) - input : Starting offset within the logical video buffer at which the update to the screen is to start.
- Length (USHORT) - input : Length of the area to be updated to the screen.
- VioHandle (HVIO) - input : This must be zero unless the caller is a Presentation Manager application, in which case it must be the value returned by VioGetPs.

Return Code

rc (USHORT) - return

Return code descriptions are:

- 0 NO_ERROR
- 355 ERROR_VIO_MODE
- 430 ERROR_VIO_ILLEGAL_DURING_POPUP
- 436 ERROR_VIO_INVALID_HANDLE
- 465 ERROR_VIO_DETACHED

Remarks

VioShowBuf is ignored unless it is issued by a process that has previously called VioGetBuf and that is currently executing in the foreground.

PM Considerations

This function updates the display with the Advanced VIO presentation space.

Bindings

C Binding

```
#define INCL_VIO

USHORT  rc = VioShowBuf(Offset, Length, VioHandle);

USHORT           Offset;        /* Offset into LVB */
USHORT           Length;        /* Length */
HVIO             VioHandle;     /* Video handle */

USHORT           rc;            /* return code */
```

MASM Binding

```
EXTRN  VioShowBuf:FAR
INCL_VIO            EQU 1

PUSH   WORD    Offset        ;Offset into LVB
PUSH   WORD    Length        ;Length
PUSH   WORD    VioHandle     ;Video handle
CALL   VioShowBuf

Returns WORD
```

Note

Text based on http://www.edm2.com/index.php/VioShowBuf_(FAPI)

Family API		
DOS	Process Manager	DosBeep DosExit DosSleep DosExecPgm
	File Manager	DosChDir DosChgFilePtr DosClose DosDelete DosDupHandle DosMkDir DosMove DosQCurDir DosQCurDisk DosSetFileMode DosOpen DosQFileInfo DosRead DosQFileMode DosQFSInfo DosQVerify DosRmDir DosSelectDisk DosFindClose DosFindFirst DosFindNext DosSetFileInfo DosSetVerify DosWrite DosFileLocks DosSetFHandState DosNewSize DosBufReset DosQFHandState DosSetFSinfo DosShutdown
	Memory Manager	DosFreeSeg DosSubAlloc DosSubFree DosSubSet DosAllocHuge DosAllocSeg DosReallocHuge DosReallocSeg DosGetHugeShift DosCreateCSAlias
	NLS	DosCaseMap DosGetCtryInfo DosGetDBCSEv DosSetCtryCode DosGetCollate DosGetMessage DosInsMessage DosPutMessage
	Date and Time	DosSetDateTime DosGetDateTime
	Devices	DosDevConfig DosDevIOCtl DosDevIOCtl2
	Signals	DosHoldSignal DosSetSigHandler
	Misc	BadDynLink DosGetEnv DosGetMachineMode DosGetVersion DosError DosErrClass DosSetVec
KBD		KbdCharIn KbdFlushBuffer KbdGetStatus KbdSetStatus KbdStringIn KbdPeek
VIO		VioGetBuf VioGetConfig VioGetCurPos VioGetCurType VioGetPhysBuf VioReadCellStr VioReadCharStr VioScrollUp VioScrollDn VioScrollLf VioScrollRt VioScrUnLock VioSetCurPos VioSetCurType VioSetMode VioGetMode VioShowBuf VioWrtCellStr VioWrtCharStr VioWrtCharStrAtt VioWrtNAttr VioWrtNCell VioWrtNChar VioWrtTTY VioScrLock VioPopUp
Tools		BIND
Modules		DOSCALLS.DLL VIOCALLS.DLL KBDCALLS.DLL MSG.DLL
Libraries		API.LIB OS2386.LIB FAPI.LIB DOSCALLS.LIB SUBCALLS.LIB

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