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EXHIBIT  
682  
Comes v. Microsoft

go an error message about not being able to read a bios file.  
I rebooted, but there was no system. I booted off a floppy  
but the files on my c: drive were garbled machine codes.  
I reinstalled DOS4.01 and now all I have is DOS, command.com,  
autoexec and config.sys.  
I backed up so no great loss. Do you guess it is my disk or  
something with the install? Thanks,  
Brian

##### 201  
From philba Mon Apr 15 11:39:12 1991  
To: doswar  
Subject: DR DOS 5.0 vs MS-DOS 5.0  
Date: Mon Apr 15 11:30:23 1991

> From percyt Mon Apr 15 11:17:23 1991  
To: philba  
Cc: percyt  
Subject: DR DOS 5.0 vs MS-DOS 5.0  
Date: Mon Apr 15 11:11:39 PDT 1991

Last Thursday you asked me for a user's view of DR DOS 5.0.  
When I worked for David Weise's brother Ira, I used  
DR DOS 5.0 with a HUGE number of apps. I found it  
INCREDIBLY superior to MS DOS 3.31 and IBM DOS 4.01.

1) DOS compatibility  
The most important reason to use ANY version of DOS is to  
run DOS apps. DR DOS 5.0 runs every DOS app I know.  
With DR DOS 5.0 I have formatted a 150MB into i) multiple  
32MB partitions; 2) a single 150MB partition; 3) 1 32MB boot  
partition + 1 100MB DOS 3.31 extended partition + 1 18MB OS/2  
HPFS partition (using OS/2). In each case, everything worked.

DR DOS 5.0 works successfully with Windows (2.11, Win 386 2.11  
and Windows 3.0 and 3.0a), Quarterdeck's DesqView 5.0 and OS/2  
(dual boot). I have also used DR DOS with Mace & Norton  
Utilities, PC Tools, Paradox 3.1 and 3.5, Reflex 2.0, Quattro  
Pro, Lotus 1-2-3 3.0 and 3.1, Agenda 2.0, dBASE III+ and IV  
(1.0 and 1.1), FrameWork III and XL and WordPerfect 4.2, 5.0  
and 5.1. We could not find an application that wouldn't run.

The ONLY problem I've ever encountered was with IBM OS/2 1.2.

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Sometimes (when dual booting) OS/2 would leave the OS/2 COMMAND.COM in the boot root, instead of copying the DR DOS COMMAND.COM. Since this behavior hasn't occurred with OS/2 1.3, I suspect an OS/2 error.

## 2) Utilities.

DR DOS 5.0 has a superset of the MSDOS 3.1 commands. Each command has built-in help and are generally more powerful than the DOS 3 and 4 versions. For example, ATTRIB can change all 4 file attributes, not just read/hidden.

The debugger (SID) is just as terse as debug, but has online help. The text editor is small and a bit clumsy and slow, but vastly better than edlin. (MS DOS 5.0 editor is even better, but does require the presence of QBASIC to run).

DR DOS 5.0 editor is only 24K and needs no other files to run).

There are some extra utilities, including XDIR and XDEL (enhanced directory and file deletion commands, which can accomplish some involved work).

DR DOS 5.0 has a user friendly shell called ViewMax. ViewMax is basically a file navigator (like Windows File Manager).

Attractive GEM based screen, (optional) mouse support.

ViewMax is not as good as MS DOS 5.0 DOSSHELL (it could show text files with .DOC and .TXT extensions on screen, but not binary files), but is much

better than the PC DOS 4.01 DOSSHELL. I used ViewMax mainly because it loaded much faster than Magellan or Xtree and didn't leave little files scattered around like the Norton Utilities file manager.

The setup program is truly great! Like MS DOS 5.0, DR DOS 5.0 can be installed on a hard disk without reformatting.

Setup can later be used to change the CONFIG.SYS and AUTOEXEC.BAT.

By default, DR DOS 5.0 sets up large (and intimidating to user) CONFIG.SYS and AUTOEXEC.BAT files. Instead of the traditional edit/reboot/test cycle, setup has user friendly menus (with help) that ask questions (what path do you want? should system be optimized for most memory, most utilities, or a mix? put DR DOS in high memory?). Users will find setup at least twice as easy to use to change system files than editing them by hand.

## 3) Memory management

Like MS DOS 5.0, DR DOS can load portions of itself above 640K. Like MS DOS 5.0, it can detect a 386 compatible

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processor and 'load high' memory resident utilities.  
Even the MEM memory browser command works similarly  
In general, both DR DOS 5.0 and MS DOS 5.0 gain the same  
amount of memory (about 620K free memory using 386 memory  
manager and loading DOS high).

DR DOS's setup program makes setting up any memory option  
extremely easy. MS DOS 5.0 requires the user to read  
UMB.TXT (or the manual). We are programmers and are  
used to this. Our customers are not programmers.

CONCLUSION:  
DR DOS 5.0 is vastly superior to MS/PC DOS 3.31 and 4.01.  
It is about as good as MS DOS 5.0. Both have nearly  
identical features (386/UMB memory management, command  
history, help included in utilities, format-optional  
installation, high compatibility with existing DOS apps).  
I don't see any real 'cutting edge' advantage of one over  
the other.

DR DOS 5.0 Advantages:  
Excellent setup, including post-installation system 'tweaking'.  
Good utilities, including FileLink (lets you upload/download  
files through a serial port).  
Technical support. DR provides technical support by phone to  
registered users (toll call). Neither Microsoft nor IBM will  
(OEM/dealer support only).

DR DOS 5.0 Disadvantages:  
No QuickBasic.  
ViewMax shell more limited than DOSSHELL.  
No MS DOS 5.0 task switcher.  
Editor is less capable than MS DOS 5.0 editor.  
Doesn't have Microsoft name (customers know that  
Microsoft makes the world's best PC operating systems.  
Nobody knows who Digital Research is).

##### 202  
From jeffr Mon Apr 15 11:50:09 1991  
To: bradsi davem neile  
Subject: Demo of unannounced Radius products  
Cc: stevel  
Date: Mon Apr 15 11:50:01 1991

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