

28 COMPUTER BACKUP:

VINSTON US PROGRAM BACKUP v1 & v2

(Last Updated 9/3/2014)

- I. I. Follow instructions on video “Software Upgrade email.mp4” to boot into the backup system. **PLEASE MAKE SURE THE MACHINE IS COMPLETELY OFF BEFORE PROCEEDING WITH THE PROCEDURES. FLIPPING THE SWITCH WHILE THE MACHINE IS ON CAN HAVE UNEXPECTED RESULTS.**
 - a. After flipping the computer module switch and inserting the USB drive, turn on the machine.
- II. At the command prompt, follow these steps:
 - a. Type “cd spring” and press the “ENTER” key

```
D:\>cd spring
```

- b. Type “cd sdata” and press the “ENTER” key. This folder contains all program folders and subsequent programs.

```
D:\SPRING>cd sdata
```

- c. Type “dir/w” and press the “ENTER” key. This step checks for existing program folders already on the machine.

```
D:\SPRING\SDATA>dir/w
Directory of D:\SPRING\SDATA\
[.]          [..]          [COOL]       [JOHN]
[QIN]        [VINSTON]
   0 File(s)          0 Bytes.
   7 Dir(s)          262,111,744 Bytes free.
D:\SPRING\SDATA>
```

- d. Go into the folder with the programs you want to save by typing “cd vinston” and pressing the “ENTER” key where “vinston” is the name of the folder.

```
D:\SPRING\SDATA>cd vinston
```

- e. Type “dir/w” and press the “ENTER” key. This step checks for existing programs already on the machine.

```
D:\SPRING\SDATA>dir/w
Directory of D:\SPRING\SDATA\
[.]          [..]          [COOL]
[QIN]       [WINSTON]
   0 File(s)                0 Bytes.
   7 Dir(s)                262,111,744 Bytes free.
```

- f. Type “e:” and press the “ENTER” key. This step moves the user to the E drive (USB drive) to check that the files have been copied over successfully.

```
E:\>dir
Directory of E:\
[1387]      [DATA]        [EXE63D30]  [EXE63D34]
[EXE63D37]  [PJ_BAK]      63D30.BAT   63D34.BAT
63D37.BAT   BACKUP.ZIP    BIO.DLL     BKDATA.BAT
XCOPY.EXE
   9 File(s)                621,757 Bytes.
   7 Dir(s)                262,111,744 Bytes free.

E:\>
```

- g. Type “bkdata.bat” and press the “ENTER” key to execute batch file. If data folder already exists on flash drive, system will notify user.

```
E:\>e:
E:\>mkdir data
Directory already exists
E:\>d:
B:\>path c:\dos
B:\>copy e:\xcopy.exe c:\dos /1
1 file(s) copied
B:\>cd spring
```

- h. Program will copy current spring programs and their respective folders onto the flash drive.

```
C:\WINDOWS\SYSTEM32>copy * e:\data /E
Reading source file(s)...
SAMPLE\1
SAMPLE\2
SAMPLE3\22
SAMPLE3\11
SAMPLE3\1
SAMPLE3\2
SAMPLE\1
SAMPLE\2
8 File(s) copied
```

- i. Type “cd data”, the “ENTER” key, then “dir/w” and the “ENTER” key. Check the program folders and files to verify that the programs displayed earlier have been copied over to the USB drive successfully.

```
E:\>cd data
E:\DATA>dir/w
Directory of E:\DATA\
[.]          [..]          [JOHN]
[SAMPLE1]    [SAMPLE2]    [SAMPLE3]
   0 File(s)                0 Bytes.
   8 Dir(s)                262,111,744 Bytes free.
E:\DATA>
```

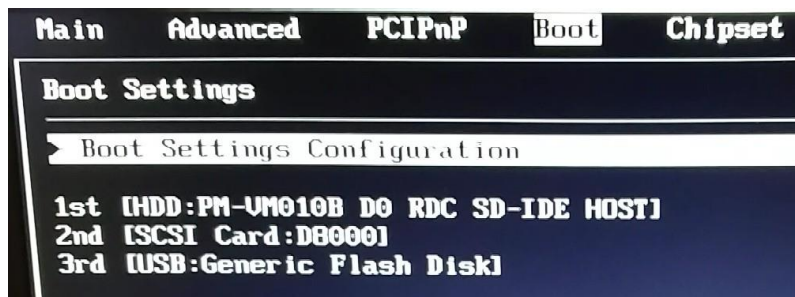
- j. Once the files have been verified to be successfully copied over to the USB drive, the user can turn off the machine, remove the USB drive and flip the computer module switch. Once the machine is turned on again, the system should boot into the program as expected.

Additional Notes:

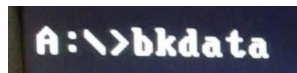
- k. Users can also create folders in WINDOWS to better archive the programs after they have removed the USB from the machine and connect it to their PC units.

VINSTON US PROGRAM BACKUP v3
(Last Updated 8/1/2017)

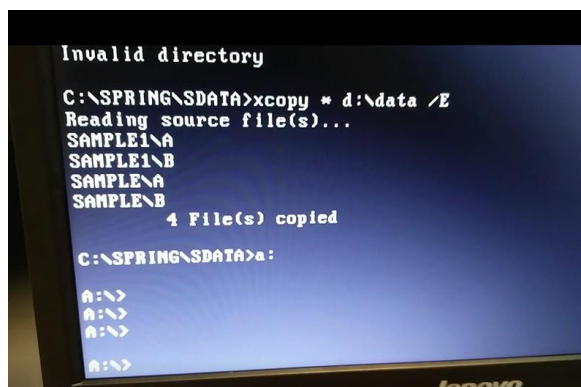
- I. I. Follow instructions on video “BIOS Setup.mp4” to boot into the backup system.
 - a. Insert the USB drive before turning on the machine.
- II. BIOS boot up
 - a. Refer to the BIOS Setup.mp4
 - b. HDDxxx is the primary drive
 - c. SCSIxxx is the backup drive
 - d. USBxxx is the flash drive



- III. At the command prompt, follow these steps:
 - a. Type “bkdata” and press the “ENTER” key



- b. The batch file will automatically copy everything from the C:\SPRING\SDATA folder onto the flash drive (D:). The user can go into the flash drive and confirm the process. A is the backup drive, C is the primary drive (where the spring programs reside) and D is the flash drive.



- c. Once the files have been verified to be successfully copied over to the USB drive, the user can turn off the machine, remove the USB drive and change the primary drive in the BIOS. Once the machine is turned on again, the system should boot into the program as expected.

Additional Notes:

- d. Users can also create folders in WINDOWS to better archive the programs after they have removed the USB from the machine and connect it to their PC units.