BLUE OCEAN VDR / S-VDR

Data recovery short guide

The BlueOcean SVDR system is accompanied with a very detailed manual trying to describe everything. But sometimes everything is too much. This is a sort guide trying to help you copy data from the system to an external drive. Details can be found in the normal manual.

First a short description of the procedure:

-      Put the SVDR in Service Mode
-      Connect an external disk drive
-      Copy the data
-      Restart the system

S-VDR Configurations
There are two different configurations that the S-VDR PC may be configured to:
-      The **Retail** configuration which is the complete-installation-at-the-end-user configuration. In this state, every time the PC reboots, it will automatically log in, then lock itself to become inaccessible for any unauthorized users and then start the programs. In this configuration the only way to unlock the standard operating system graphical user interface is by providing the correct password to one of the program modules called **WatchDog.exe.** (Instructions on how-to-unlock-the-system are given below in the WatchDog.exe description).
-      The **Service** configuration, where the PC will work as a normal PC.

You can move between running programs by pressing Alt-Tab

-      **WatchDog.Exe:**
When the **WatchDog** runs in normal mode (default) the Task Manager is locked and no unauthorized user can access the system or its functionality. In order to gain access the service engineer must select the Service mode and provide the proper password to unlock this mode.

The default password is "COMAS"

Immediately after the program switches to Super User mode the Task Manager will be unlocked and the authorised user may now start the Explorer.Exe through the menu **Start/Run/Explorer.Exe.**

The Super User can prohibit the WatchDog from constantly restarting the critical applications by unselecting the **Respawn S-VDR** label. When exiting, the WatchDog automatically locks the Task Manager. To prohibit that select the **Set Exit Without Locking** label.

So the actions are:
- Select Service Mode
- Enter password
- Press enter
- Select "Set Exit without Locking"
- Deselect "Respawn SVDR"
- Select "Exit Program"

Now the Watchdog closes.

-        Press Alt-Cntrl-Del: the task manager opens
-        Select: Applications->New Task
-        Enter "explorer" (if it is not already in the text box)

Now the explorer starts and the system works as a normal PC.

Connect an external disk drive

There are 4 USB ports on the control PC. Of them, the one is normally free. Connect there the external disk. Do not connect to the hub at the back – it cannot provide enough current.

Copying data from the main unit

All data that are written to the capsule are written to the main unit, too. The data are stored to the directory **C:\SVDR** and are normally not from the last 12 hours, but some days long. To copy data you need to put the SVDR out of service, as described in the first part of this manual, and then copy data to an appropriate medium, for example a flash memory. All filenames contain date and time in sort able form: YYYYMMDDHHMMSSHH, meaning year, month, day, hour, minute, seconds and hundreds of seconds. Thus it is easy to find the files of interest and copy them to the external medium.

Clearly you can copy all data (the whole directory C:\SVDR) if there is enough space in the external media and thus avoid selecting files.

The second directory of interest is **C:\BlueOcean**. There are all the programs and some diagnostic files too. It can help diagnose problems. This is not a very big directory – some Mbytes. Please copy that, too.

When you are ready restart the system, it will return automatically to normal mode.