

# Verification Recovery in USB 3.0 Flash Drive Duplicators from Virtual Console. A New Feature for Improving Duplication Efficiency for Large Size Flash Drives

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USB duplicators are quickly gaining prominence in business circles. They serve an important function as they simultaneously duplicate flash drive content onto multiple flash drives. For both personal use and business use, you would regularly need to duplicate flash drives. To perform this task, you can use either a standalone hardware USB duplicator or a PC-based duplicator.

This article focuses on a new feature called “Verification Recovery” that Virtual Console has recently introduced for its USB 3.0 duplicators product line.

## **Working with a USB 3.0 Hardware Duplicator**

One of the notable features of a standalone USB 3.0 duplicator is its ease of use. The process of duplication is generally simple. You just insert Master flash drive and empty flash drives and press Start button. The USB duplicator quickly copies the Master flash drive to the target drives.

## **Failed Out – Identifying Failed Duplication**

A hardware duplicator copies the Master flash drive simultaneously to all target drives, sector by sector. After the duplication process is completed, the USB duplicator verifies the data on target drives to ensure that it matches the same on Master. The verification is done sector by sector. If data mismatch is identified on any target flash drive, it is marked as “failed” and is removed from further verification. Even though the flash drive works, it needs to be reduplicated, owing to its incorrect data.

For flash drives of large capacity (for example: 250 GB) this entire process will take up to six hours. In a typical scenario, if the flash drive is marked as “failed” after six hours, you have to reduplicate this target flash drive. This has a serious effect on efficiency—especially if you have to create hundreds of target flash drives. This is where the new “Verification Recovery” feature of VConsole USB 3.0 Duplicator comes to your rescue.

## **Verification Recovery – How does it Work and what are the Benefits?**

VConsole has introduced a new feature called “Verification Recovery” as an answer to “failed” flash drives. With the VConsole USB 3.0 hardware duplicators, data verification process has improved significantly. When data verification mismatch occurs, the hardware duplicator does not mark the drive as “failed”. Instead, it attempts to rewrite the bad data immediately and then re-verifies the (bad)

sector. After the entire process is completed, chances are that most of the target flash drives are successfully duplicated. This increases productivity and efficiency. The increased productivity for large size flash drives is sure to increase your business revenue.

This article is provided by Virtual Console, the leading manufacturer of flash media duplicators for USB, SD and CF cards.

For more information, visit us at:

<http://www.vconsole.com>