

# SUPPORT BULLETIN

## SCZ-3 family disk controllers

#22  
11/13/91

Status: Technical communication - please review  
Subject: Confusion over SCZ-3 family controller differences  
ECO#: N/A  
Assemble(s): 500-458-00, 500-472-00, 500-483-00, 500-492-00  
Revision(s): N/A  
S/N(s): N/A

---

### Problem:

There has been some confusion in the field over the differences between the variety of SCZ-3.x controllers. This can result in misapplication of a controller, misunderstanding of documentation regarding a specific SCZ-3.x product, and confusing communication. The purpose of this Support Bulletin is to eliminate this confusion by identifying the products, their differences, and associated issues.

### Product identification:

There are four different members of the SCZ-3 family of controllers:

**SCZ-3:** This is the original SCZ-3 controller. AOS/VS, at the time, supported a maximum of 4 logical units. To cooperate with this restriction, the SCZ-3 controller and configurator allowed mapping of multiple physical units (targets) into single logical units. In this way, the SCZ-3 enabled the user to use up to 7 physical disks.

**SCZ-3.1** When support of up to 7 logical units was incorporated into AOS/VS, the SCZ-3.1 was developed. The SCZ-3.1 allowed mapping of any single physical unit to any single logical unit. Multiple physical unit mapping under a single logical unit was no longer necessary. The SCZ-3.1 provided for a cleaner and more comprehensive configuration under the newer revisions of AOS/VS.

SCZ-3.2 Zetaco Engineering developed some enhancement features beyond the SCZ-3.1 technology and released the improved version of the controller as the SCZ-3.2. The SCZ-3.2 includes the following features not found in the SCZ-3.1:

- Ability to recover from a SCSI bus reset. This is required in a dual initiator environment (two controllers on the same bus)
- Supports magneto-optical technology.
- Supports automatic soft error reallocation on certain drives. Allows selection of this feature via the Configurator.

SCZ-3.01 The MIIS operating system being used by certain customers supports up to 4 logical units just as the older AOS/VS revisions did. The SCZ-3.01 was developed to provide the multiple physical unit to single logical unit mapping as the original SCZ-3 did. This product's intended application is under MIIS only.

Associated issues:

**PLEASE NOTE** that the four products are unique and that their evolution is not parallel. ECOs to one product may or may not be applied to the others. CPU and peripheral support for each product is different. As new drive and CPU technology becomes available, the currently offered controller product will most likely change, while the others won't. The SCZ-3.2 is today's current product.

**ALSO NOTE** that each of the four products requires a unique Software Support Package tape. For example, an SCZ-3.2 requires an SCZ-3.2 tape. Tapes must not be crossed to the other controllers. It is also important to insure that controller/tape revision compatibility is maintained - call Zetaco Customer Support at 800-537-5292 if you ever have any doubts about revision compatibility.

System impact:

Misapplication of a product may not provide the user with the desired features and may be irritating to the installer if not avoided prior to installation time.

**Action Required:**

Insure that the application receives the proper product. Also be sure to clarify which products you're dealing with when in conversation or making use of reference materials.

**Conclusion:**

All compatibility issues will be avoided if the products are treated as unique and kept separated, and controller/tape revisions for a given product are monitored.

Spare SCZ-3s with SCZ-3s.  
Spare SCZ-3.1s with SCZ-3.1s.  
Spare SCZ-3.2s with SCZ-3.2s.  
Spare SCZ-3.01s with SCZ-3.01s.