

## Cutover and Acceptance Testing

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This chapter provides an overview of cutover and acceptance testing procedures. Specific procedures are site dependent and are specified in the sales contract and/or the installation plan.

### Cutover Procedures

Cutover is the process of activating the system so that telephone calls can be made through the VCO/4K. The system should be fully functional when the cutover process is completed.

### Pre-Cutover Checklist

The following checklist of procedures should be completed before starting cutover. All installation procedures contained in other sections of this manual should be completed prior to using this checklist.

1. \_\_\_ System is powered on with system controller(s) and hard disk(s) fully initialized. Peripheral equipment is powered on and operational.
2. \_\_\_ AAC (Alarm Arbiter Card) in Auto position (VCO/4K redundant systems only; others should be hard-selected to Side-A).
3. \_\_\_ VCO/4K database entries have been completed.
4. \_\_\_ Backup copies of database have been made to floppy disks. A copy of the database has been printed.
5. \_\_\_ Common carrier services (analog and digital) are tested and certified. Carriers have been notified when cutover will occur.
6. \_\_\_ Specialized telecommunication equipment has been installed, tested, and certified.
7. \_\_\_ Host computer is powered on and loaded with the appropriate application software and communications interfaces.
8. \_\_\_ T1/PRI facility is providing bit stream to master timing link.
9. \_\_\_ Make test calls for all possible call types.

## Verifying the Database

The *Cisco VCO/4K System Administrator's Guide* describes the steps for entering values in the system database. If problems are encountered when test calls are made, recheck the database and host application program before calling Cisco Systems Technical Support. The VCO/4K database must match the exact requirements of the site (lines, trunks, and digital spans) for the system to function properly.

## Making Test Calls

After you have initialized the system and if necessary, entered any additional database information, perform a series of test calls that are designed to test all supported call types allowed through the system.

## Placing the System In Service

The system should be up and running without a reset for several hours before allowing the system to process calls. Dial-up trunks and direct connect stations should remain idle while test calls are made and the system is allowed to stabilize.

Ideally, set the system to allow a gradual increase in call traffic volume. This may require activating services on a staggered basis.