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Technical Note TN 03

## **Testing of UUT Options**

During the initial development of SureCAL procedures, every effort is made to obtain representative hardware for our beta testing process. Frequently, this requires renting UUTs which would not otherwise be available to us. Due to the rental costs involved, it is often impractical to acquire multiple instruments, bearing every possible combination of UUT options. There are four methods that we use when determining which options are to be tested: 1) Customer demand; 2) Number of units/options fielded by OEM; 3) Availability of equipment; and, 4) Cost of development. In some situations, we can develop software routines to exercise various options without having the equipment available; however, it is our company policy not to sell any software that we have not tested.

Therefore, when SureCAL procedures are initially released, they may not support testing of all possible UUT options or *combinations* of options.

There are other factors which affect the inclusion of tests for UUT options. It may not be cost-effective for us to develop tests for options which are rare. Certainly, it is not cost-effective to develop tests for options which no one has.

However, if a customer requires an option test which is missing from our procedure, we may agree to develop it, provided that the following conditions are met:

- 1) The option must be a common, catalog item. Not a custom modification of the UUT. Basically, the cost of development must be reasonable.
- 2) The customer must provide us with a suitable UUT for our beta testing. In some unique cases, there may be a requirement for other equipment or peripherals.