



## 2.4 ARKonline™ Library Manager

The ARKonline Library Manager is a Web-based interactive tool capable of building unique ARK Product Component Libraries and is designed to be exclusively used by hearing instrument manufacturers. ARKonline uses the concept of *libraries*. A typical Product Component Library consists of several products (e.g., each product represents different power in the power matrix). The ARK Product Component Libraries are intended to be developed by the Hearing Instrument Manufacturer and used in dispenser fitting software. For more information, refer to the [ARKonline Quick Start Guide](#) (Document #17931).

As mentioned earlier, the ARKbase install program creates a Sound Design Technologies item in the Start/Program menu. Installed software is segmented into the following sections:

- Development Tools
- Manufacturing Tools
- Configuration Tools

### 2.4.1 Development Tools

The Start/Programs/Sound Design Technologies/Development Tools list contains shortcuts to the programs designed to streamline development of PARAGON™ and FOUNDATION™ DIGITAL hearing instruments:

- **Interactive Data sheet (IDS)**—high-level software tool intended to familiarize the user with the functionality and typical acoustical and electrical performance of Sound Design Technologies' products.
- **Controller Toolbox**—application designed for direct communication with the programmable IC.
- **Modeler**—stand-alone program that uses a Sound Design Technologies Digital hybrid to extract microphone and zero bias receiver models. Such transducer models can be used in the ARKonline Library Manager to create Product Components. For more information, refer to the [Modeler Software Reference Guide](#) (Document #17810).

### 2.4.2 Manufacturing Tools

Start/Programs/Sound Design Technologies/Manufacturing Tools contains examples of calibration and configuration software used on the production floor.

The Cal/Config program has two main functions:

- To configure Sound Design Technologies digital hearing instruments to a designed product component. (The software also calibrates gains due to tolerances of microphones, receivers Volume Controls, Trimmers and Telecoil.)
- To calibrate FRONTWAVE microphones.

The procedure included in the program is intended to be performed during the hearing instrument final acoustic check. The Cal/Config program utilizes the mARK2™ Core Component included in the ARKbase package. For more information, refer to the [mARK2™ Cal/Config Users Guide](#) (Document #27350).

### 2.4.3 Configuration Tools

Start/Programs/Sound Design Technologies/Configuration Tools contains programs to correctly configure your computer interfaces:

- mARK Conversion Tool—Cal/Config will now be using a single `.ids` file to calibrate and configure devices. This file combines the information in the calibration file (`.clc`), the memory configuration file (`.ids`) and the scratch file (`.txt`). The file produced by the this conversion tool can be opened and edited in IDS.
- Workstation Manager—settings specific to a workstation, such as stimulus and measurement devices, can now be set up using the Workstation Manager tool. For more information, refer to the [mARK2™ Cal/Config Users Guide](#) (Document #27350).
- Frye FONIX 6500/7000 Configuration—used to indicate the Comm port to which the Frye box is connected.
- ARK Component Manager—located in two places, under Sound Design Technologies in the Start menu or under Options in IDS, the Component Manager is used to register DLL downloaded from ARKonline to be used with IDS.

### 3. Revision History

Version	ECR	Date	Change Description
0	148458	February 2008	New document.

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DOCUMENT IDENTIFICATION

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