



Test Dictionary

MANAGEMENT SERVICES

ENSURING TEST DICTIONARIES are Built to the Highest Quality Standards

Halfpenny Technologies, Inc. has become the **premier service provider** of Test Dictionary Management Services in support of reference testing and electronic health record (EHR) interfacing. We combine the depth of our experience and a precise methodology with robust technology tools to ensure that test dictionaries are built to the highest quality standards possible. Whether Halfpenny is creating new tests, modifying existing ones or performing interface test validation, we make certain our clients' needs are addressed efficiently and professionally.

Test Dictionary Build and Maintenance

Halfpenny Technologies offers two options for more timely completion of the dictionary build. The first option is to **automate the build** which reduces the time and effort for laboratory staff and decreases the timeline of the interface project and production roll-out. The second option is for our experienced personnel to **build the tests manually**, thereby relieving the client of this task. Both options include billing, worksheet, chart and translation setups.

Dictionary Auto Build – Halfpenny has developed a suite of software tools, called the Test Dictionary Manager (TDM), that allow the automation of a test build into a client Laboratory Information System (LIS). The TDM emulates the actions a user normally takes to build tests in the LIS. It moves through the various screens used by LIS personnel to add tests to their system. With minimal guidance, the automated tool follows a process based upon the standard operating procedures of the client and will remotely access the LIS and perform step-by-step data entry EXACTLY as the client's LIS personnel would do. After the build is validated by all parties, the tests are then automatically built into the production environment.

Dictionary Manual Build – Adding a large number of tests in the LIS is repetitive work and time consuming when performed manually. Usually personnel who would do this task at the client site are already committed to other tasks and cannot devote a full-time effort. This results in lengthy delays. Halfpenny's experienced personnel manually enter tests into the LIS. Manual builds are carried out in the test environment and if the LIS vendor cannot copy the build into the production environment we manually perform a second identical build in the production environment.

Dictionary Maintenance – Halfpenny also provides ongoing test dictionary maintenance services for in-house and/or reference tests. Upon notification by the testing laboratory that a test has changed we update the test in the test environment, perform or participate in the quality assurance (QA) testing, and then make the update in the production environment.

Test Dictionary Mapping

Our medical technologists routinely map or "link" test codes and test names from one system to the corresponding test codes and test names in a second or even a third system, thereby creating a **master test dictionary database**. This allows orders/results interfacing, data sharing and also facilitates EHR and portal orders and results functionality.

Creating an **individual test dictionary mapping** may take from a few days to a few weeks to complete. The complexity of the testing being performed in the laboratory is a leading factor for mapping. Laboratories that perform highly complex testing will require a greater degree of interaction with the client laboratory. The preparation and input by the client laboratory's technical staff is also key to an effective mapping project. Once a test dictionary is mapped, Halfpenny can maintain the ongoing updates and map new test procedures as needed.

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TO LEARN MORE**

Call us toll-free at 855-277-9100 or visit www.halfpenny.com for more information.

Test Dictionary Mgmt Service: Ensuring that test dictionaries are built to the highest quality standards possible with robust technology tools implemented by Halfpenny.

Clinical Interface QA Services

Quality Assurance (QA) testing, following a well-designed test plan, is **necessary for the successful implementation** of an order/results Interface. Our medical technologists, each with a strong clinical background, are experienced in functionality and bulk testing of interfaces between LIS systems from dozens of vendors. We work with our clients to **assure orders are generated** and results are received, filed and reported as needed for the routine workflow in their facility and downstream systems. Additionally, we have enough medical technologist resources to allow us to bring multiple personnel onboard during the QA testing phase in order to meet timelines not achievable if performed by internal personnel.

Partial Listing of Client EHR and LIS Systems:



Consulting Services and Staff Augmentation

Halfpenny's Clinical Data Services Department routinely **performs other consulting services** in support of electronic orders and result interfaces. These include: resolution and cleanup of errors when a system incorrectly files results, constructing test plans, assisting in bulk testing during implementation of a new LIS, HIS or EHR and providing backup for employee vacancies or absences.

About Halfpenny Technologies®

Halfpenny is a leading provider of clinical data exchange solutions, enabling hospitals and labs to integrate with disparate physician EHR systems. Halfpenny's SaaS-based ITF-Hub® provides a reliable, secure platform to exchange clinical, financial and administrative data while reducing complexity and costs. ITF-Portal® is a Web-based order entry and results reporting system to rapidly search and retrieve various clinical reports. ITF-GoDoc® is a mobile application to access laboratory, pathology, radiology and other clinical results reports securely. ITF-GoDoc® MobileOE is a mobile CPOE system for secure billing information, ask-at-order entry questions, specimen types and medical necessity compliance.

Learn more about Test Dictionary Management Services on our Web site.
Get the free mobile app for your phone at <http://gettag.mobi>



Interested in learning more about how you can benefit from Halfpenny's Test Dictionary Management Services?

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