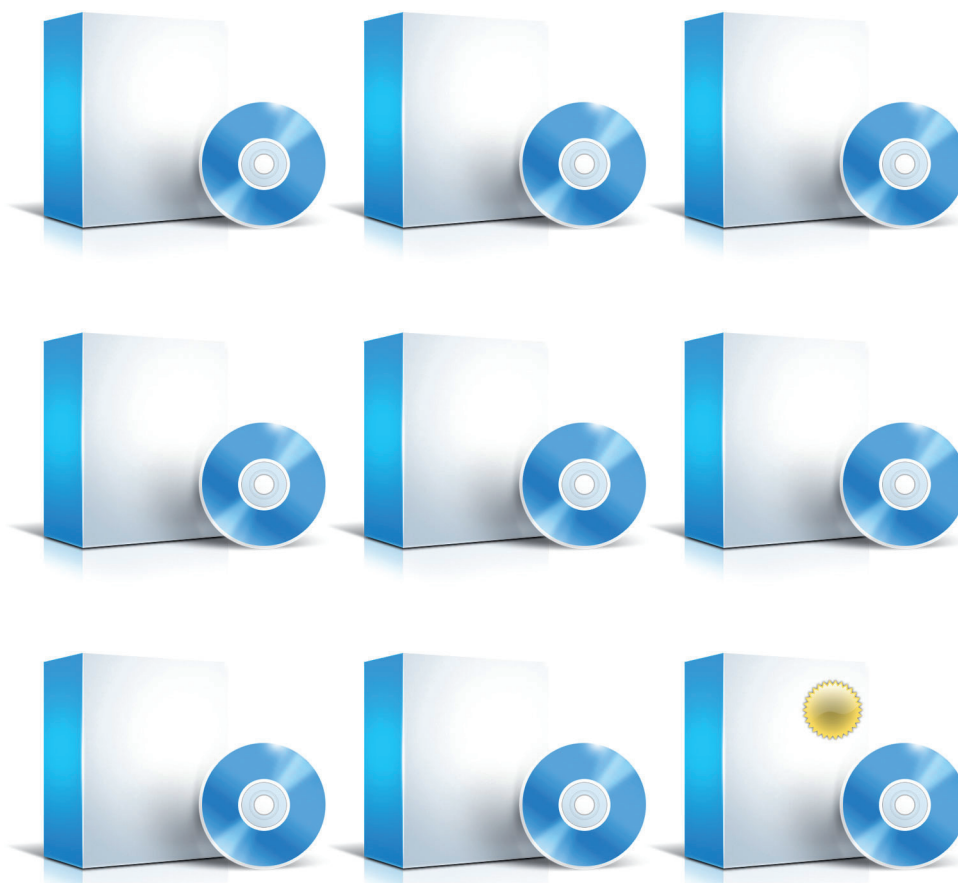


WHO Drug Dictionary Enhanced



Software Certification

Your passport to successful implementation



UMC Software Certification Program

Purpose

The purpose of the UMC Software Certification Program is to:

- Ensure that end users get full value and benefit of their WHO Drug Dictionary subscription
- Increase your success as a result of providing a good implementation of the WHO Drug Dictionary functionality
 - Work directly with the source – the creator and maintenance organization for the WHO Drug Dictionaries – and stay in tune with developments and enhancements of the growing family of UMC products
 - Receive sales tools positioning your use of the WHO Drug Dictionaries
 - Exposure to new potential customers
 - Interaction with current customers
 - Simplified first line support for use of the WHO Drug Dictionaries
 - Validation and credibility from being certified by the global leader on pharmacovigilance
- Help you as a software vendor to create a successful implementation of the WHO Drug Dictionaries
 - Pre-defined standard use cases and requirements templates for implementation
 - Template test cases for verification of functionality
 - Software development kit (SDK)



Program Benefits and Requirements

The UMC Software Certification Program is provided free of charge, but there are requirements to fulfill in order to obtain it. The following table outlines the benefits you receive by passing the certification procedure, as well as the requirements that must be met.

	For Product Management	For Engineering
Benefits	<ul style="list-style-type: none"> • Exposure on UMC Products' home page • Possibility to claim that your solution is certified by UMC • Sales tools for the WHO Drug Dictionaries functionality • Participation in UMC User Groups • Use Case templates for requirements definition • Free on-line training course in the WHO Drug Dictionaries • FAQ for product management • Early access to and influence on changes and enhancements • Access to WHO Drug Dictionaries 	<ul style="list-style-type: none"> • Use Case templates for development • Known Input/Known Output test cases • Developer documentation • Free on-line training course in the WHO Drug Dictionaries • FAQ for software developers • Early access to and influence on changes and enhancements • Access to UMC WHO Drug Dictionary browser
Requirements	<ul style="list-style-type: none"> • Contact details maintained for contact person responsible for Product Management of software integrating the WHO Drug Dictionaries • Demonstrated fulfillment of requirements 	<ul style="list-style-type: none"> • Contact details maintained for contact person responsible for Engineering • Demonstrated fulfillment of requirements of software integrating the WHO Drug Dictionaries • Development of standard configuration option for customers

The Certification Process

To enroll in the UMC Software Certification program and obtain a Developer License to the WHO Drug Dictionaries, send an e-mail to certification@umc-products.com, to receive the information package. For more detailed information, please consult the FAQ at www.umc-products.com/certification

The certification process entails demonstrating to the UMC that the implementation of the WHO Drug Dictionaries has been performed correctly in a release of the software product and that the system performs according to specification. In the case of a software system or product that is configurable with respect to the use of the WHO Drug Dictionaries, a standard (“default”) configuration, which is available to customers, shall be demonstrated.

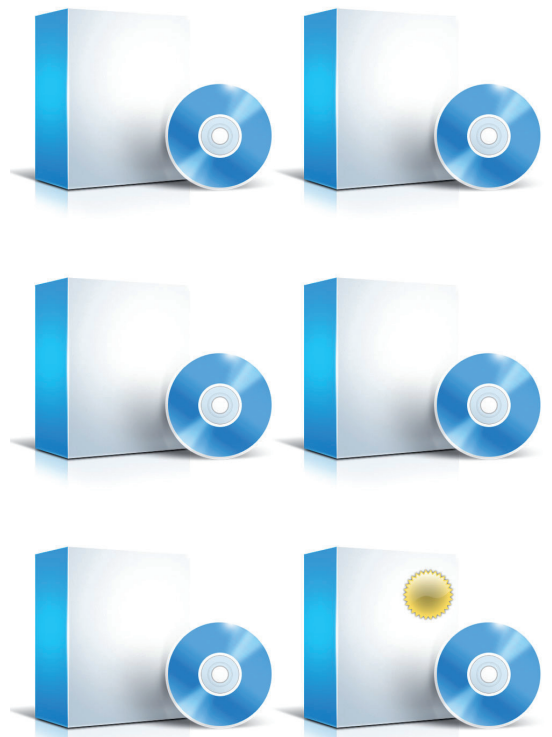
Test scripts, with expected outputs for several test cases, are provided to test for correctness. In addition, the demonstration must cover the steps required for a user to complete the main use cases. The UMC can help and offers support in order to resolve any questions that may arise during this process.

Participation in the UMC Software Certification Program gives you a direct channel into the dictionary’s product management, which will help you stay up-to-date and informed of developments well in advance.

Certification requirements may vary from year to year. Therefore, a certification may be designated with a year to indicate the level of certification. Demonstration of fulfillment of updated requirements may or may not be required.

For Support/Services

- Free on-line training course in the the WHO Drug Dictionaries
 - FAQ for support personnel
 - Early access to and influence on changes and enhancements
 - Access to the UMC WHO Drug Dictionary browser
-
- Contact details maintained for contact person responsible for Support and/or Services of software intergrating the WHO Drug Dictionaries
 - Demonstrated fulfillment of requirements
 - Validation Request (to validate customers’ UMC license) procedure in place
 - Have all required versions of the WHO Drug Dictionaries available in-house for delivery to customers on request
 - Updated standard configuration available to customers within 30 days from publication by UMC, e.g. coinciding with the quarterly releases of the drug dictionaries.



Summary of Benefits

By certifying your software, you can make the following claims:

- The WHO Drug Dictionaries are the world's most comprehensive source of medicinal product information. They are used by pharmaceutical companies, clinical research organizations and drug regulatory authorities to identify drug names, active ingredients and therapeutic use, in the course of clinical trials and drug safety surveillance. They translate a drug name into useful information, which is used for coding and analysis of clinical and drug safety data – both pre- and post-marketing. Some benefits of the WHO Drug Dictionaries are:
 - It contains consistent, quality assured and up-to-date information. It is updated four times per year.
 - A hierarchical structure that allow easy and flexible data-retrieval and analysis at different levels of precision.
 - Chemical and therapeutic groupings - using the WHO drug record number system and ATC classifications.
- Your implementation of the WHO Drug Dictionaries has been validated by the Uppsala Monitoring Centre, the global leader in pharmacovigilance, to perform correctly when installed and configured according to your instructions.
- Your customers, the subscribers to the WHO Drug Dictionaries can lower their risk and make their pharmacovigilance work more efficient by utilizing the global de-facto standard for coding drug names.
- Your customers' implementation time for the WHO Drug Dictionaries is shortened since you provide a turn-key solution.
- Your customers' investment in the WHO Drug Dictionaries is future-proofed since you keep your software up-to-date with any developments.
- Your procedures and relationship to UMC assures the availability of timely updates of the WHO Drug Dictionaries.
- Your product managers, developers, and support personnel are trained in the use of the WHO Drug Dictionaries to ensure the best possible use.
- You can use the UMC software certification logotype in your marketing materials and in your software.



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