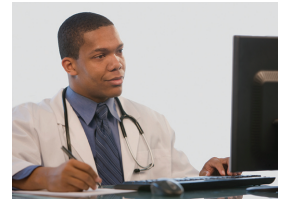


UltiMedex[®] SUITE



UltiMedex Suite from the Healthcare business of Thomson Reuters combines solid integration technology with the most trusted clinical content available to help clinicians reduce medication errors, improve patient outcomes, and increase productivity.

UltiMedex delivers **Micromedex[®]** clinical knowledge from within existing pharmacy and CPOE applications, giving clinicians immediate access to the evidence-based information they need to confirm or change medication decisions without interrupting their workflow. UltiMedex provides:

- Medication order screening and recommendations
- The latest drug pricing and product data
- Context-specific referential content

Providing this information in a single source allows for quick, sound decision-making at any point in the care process.

Adaptable and easy to implement, UltiMedex can be integrated into many types of platforms and rapidly deployed with minimal resources. As a single, complete source for all order entry, clinical screening, drug navigation, formulary development, pricing, claims adjudication, and drug utilization review needs, UltiMedex saves valuable time, decreases costs, and can dramatically improve productivity and outcomes.

BENEFITS

- Eliminates workflow interruptions and improves clinician productivity
- Increases use of evidence-based clinical knowledge
- Improves medication safety and patient outcomes
- Ensures clinically consistent, accurate information across workflow
- Helps meet Joint Commission, Leapfrog CPOE, and CCHIT Certification requirements

FEATURES

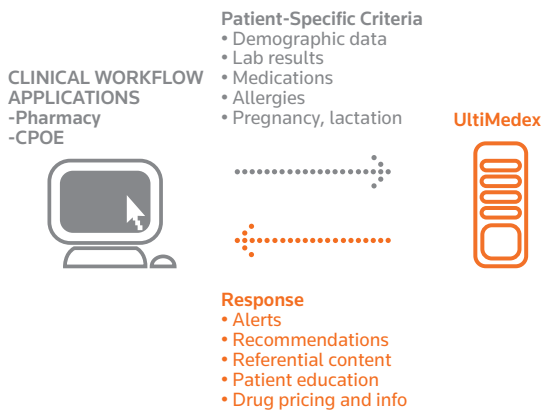
- Proactive alerts, IV-compatibility screens, and patient-specific dosing
- Drug product and pricing information
- Medication instructions for patients
- Drug summaries and in-depth referential content
- Fits seamlessly into clinicians' workflow applications
- Offers flexibility via flat files or Clinical Knowledge Objects[®] (CKO) Server

Integrating UltiMedex directly into existing workflow applications is the ultimate solution for providing clinicians and their patients with complete and timely clinical knowledge. The range of information directly available at clinicians' fingertips includes the following.

MEDICATION ORDER SCREENING

Medication Advisory Screening (MAS)

This clinical monitoring system enhances patient safety with proactive screenings to alert care providers of potential drug interactions (13 interaction types covered) and other medication conflicts during the order entry process. All interactions are based on specific drug ingredients rather than therapeutic classes. The MAS alerts clearly document effect, mechanism, and management. Detailed summaries of the primary clinical literature and a bibliography of literature references are provided.



Patient-Specific Dosing (PSD)

This module utilizes patient-specific values such as gender, age, height, weight, serum creatinine, hepatic function, pregnancy, lactation, and prematurity, to provide a dose screen and precise recommendation. As each dose is based on actual patient characteristics, there is less risk of a prescribing error, greater success of the medication therapy, and fewer false alerts. If patient data is not available, PSD recommends a dosage range that consolidates typical data from common illnesses and uses a common dosing record. PSD offers drug coverage of multiple routes of administration, expanded patient population coverage, and body weight dosing.

IV Screening

The IV Screening component provides rapid, user-friendly answers to questions regarding physical compatibility of parenteral medications. Containing data on over 16,000 possible medication-solution combinations, this model screens for Y-site and in-solution compatibility, stability data, and a list of compatible solution alternatives resulting from a drug-solution conflict.

DRUG PRODUCT AND PRICING DATA

RED BOOK™ Extra

The backbone database linking every data element and clinical function, **RED BOOK Extra** provides pricing and descriptive product information for nearly 200,000 prescription and nonprescription pharmaceuticals, nutraceuticals, and bulk chemicals for compounding. When applicable, each product record includes brand name, generic name, NDC number, dosage form, strength, route, package size, and more.

- Current and historical pricing is presented by average wholesale price, federal upper limit, and wholesale acquisition price.
- Unique numbering systems help compare products in and across classes by identifying generic ingredients, formulations, and therapeutic classifications.

CONTEXT-SPECIFIC REFERENTIAL CONTENT

Drug Summaries for Clinicians

This summary-level Micromedex content provides concise, bulleted, essential drug information on dosage availability, supply options, administration guidelines, indications, adverse effects, drug interactions, and more. Clinicians can also link directly to comprehensive drug monographs.

Medication Instructions for Patients

These patient education monographs discuss all aspects of a patient's drug regimen in easy-to-understand language. Information for chronic medications, injectable drugs, and chemotherapeutic agents is presented. Available in English and Spanish.

ULTIMEDEX INTEGRATION METHODS

Regardless of the integration method chosen, we support your integration design and implementation every step of the way.

UltiMedex Files

UltiMedex Files are a series of relational files designed to provide developers the utmost flexibility. UltiMedex Files allow you to design and implement all aspects of the integration into your application, maximizing the effectiveness of your existing software, database management system, and development tools.

UltiMedex CKO Server

For robust Client/Server environments, **UltiMedex CKO Server** represents the highest level of integration technology available today. The UltiMedex content is encapsulated as a set of interactive objects to provide clinical screening functionality through an event-driven messaging engine. Communication to the UltiMedex CKO Server from the host application occurs through Client Class Library, which provides development teams with ease and sophistication in integration and delivery of clinical content to end users. UltiMedex CKO development tools support today's languages and data formats including C++, Visual Basic®, ActiveX®, and others with an object-oriented approach to product development.

ABOUT THOMSON REUTERS

The Healthcare business of Thomson Reuters produces insights, information, benchmarks and analysis that enable organizations to manage costs, improve performance, and enhance the quality of healthcare. Thomson Reuters is the world's leading source of intelligent information for businesses and professionals. We combine industry expertise with innovative technology to deliver critical information to leading decision makers in the financial, legal, tax and accounting, scientific, healthcare and media markets, powered by the world's most trusted news organization. With headquarters in New York and major operations in London and Eagan, Minn., Thomson Reuters employs more than 50,000 people in 93 countries. Thomson Reuters shares are listed on the New York Stock Exchange (NYSE: TRI); Toronto Stock Exchange (TSX: TRI); London Stock Exchange (LSE: TRIL); and Nasdaq (NASDAQ: TRIN).

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PRO-6178 03/09 MC

