

DRUG INFORMATION FRAMEWORK™

U.S. Overview

The Drug Information Framework™ enables you to build healthcare solutions faster, using First DataBank's NDDF Plus™ knowledge base and clinical decision-support modules. It offers a choice of technology and relational database management systems (RDBMSs), so it can adapt to most platforms, operating systems and development tools.

Drug Information Framework components encapsulate First DataBank's proven drug content and expertise in a highly flexible suite of intuitive, integrated software components. This gives you the comprehensive functionality you need to present drug information in ways that uniquely suit your purposes. From the desktop to the Internet to a handheld device, the Drug Information Framework goes where you need it.

This addendum summarizes those functions specific to the U.S. version. They can significantly enhance your productivity as an information system developer.

Clinical Content

The Drug Information Framework incorporates an extensive array of clinical decision-support modules:

Counseling Messages Module™	Geriatric Precautions Module™
Dosage Range Check Module™	Indications Module™
Drug Allergy Module™	Intravenous Module™
Drug-Alternative Therapy Interactions	Lactation Precautions Module™
Drug-Disease Contraindications Module™	Min/Max Dose Modules™
Drug-Drug Interaction Module™	Neonatal and Infant Dosage Range Check Module™
Drug-Drug Interaction Module for Consumers™	Patient Education Module™
Drug-Food Interaction Module™	Pediatric Precautions Module™
Drug-Food Interaction Module for Consumers™	Pregnancy Precautions Module™
Drug Images Module™	Prescriber Order Entry Module™
Drug Imprints Module™	Prioritized Label Warnings Module™
Duplicate Therapy Module™	Side Effects Module™
Enhanced Therapeutic Classification™ System	Tall Man Plus™
First DataBank Medical Lexicon™	

CONTENT
INTEGRATION
SOFTWARE

First DataBank, a subsidiary of Hearst Corporation, drives patient safety and healthcare quality by providing drug databases that are used within information systems that touch every aspect of healthcare. For 30 years, we have partnered with system developers to integrate and optimize our drug information to improve user workflow and enhance clinical decision making by those entrusted with treating patients at the point-of-need. Together with our development partners, First DataBank helps reduce the incidence of medication errors and adverse drug events, which promises to lower health-care costs and improve patient care.

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DRUG INFORMATION FRAMEWORK™ U.S. Functionality

Navigation

Multiple Access Points™ provide additional user flexibility, to enhance access to drug information:

- Clinical modules linked at various drug levels: Navigation to dosing modules (Dosage Range Check Module, Neonatal and Infant Dosage Range Check Module, Min/Max Dose Modules), contraindications, side effects and patient education monographs from the routed-drug and routed-dosage-form drug level
- Subset functionality: enables the user to build multiple subsets of drugs, to support formulary development and drug pick-list generation
- Navigation directly from a replaced drug to its replacement(s)
- Filtering of NDC or dispensable drug searches on Repackager and Private Labeler
- Filtering of drug searches on Active or Inactive NDC status codes
- Partial NDC lookup: allows product lookup, using appropriate portions of the NDC
- Ingredient- and clinical-concept navigation

Customization

Allows users to incorporate customized clinical screening results and drug product information:

- Custom drug attributes and messages
- Custom pricing for packaged drugs
- Custom ID mapping for clinical screening
- Custom dosage range checks, including neonatal and infant dosage ranges
- Custom therapeutic classes
- Custom indications
- Custom duplicate therapy allowance values and descriptions
- Custom drug-drug interactions, including severity level adjustments, categorization and custom descriptions
- Reference-only items: allow users to display information on drug products unique to their environments (without clinical screening)

Additional Functions

In addition to navigation and customization features, the Drug Information Framework also includes the following:

- Compound-drug screening: enables clinical screening for multiple-ingredient compounded drugs
- Find prospective drug: compares multiple drugs and presents alternatives based on available patient parameters
- Use of proxy indications when performing contraindication screening
- Individual numeric strength fields for single-ingredient drugs, to perform additive-dosing calculations

International Development

The Drug Information Framework is compatible with clinical content from Canada.

For more information about the Drug Information Framework, contact Sales today at 800-633-3453. Or, visit our website at www.firstdatabank.com.