

A large, stylized "Rx" symbol is positioned above a mortar and pestle. The mortar and pestle is rendered in a light gray, semi-transparent style, showing the bowl and the pestle resting inside it.

# **DATA PERFECT**

**Rx Data Perfect Dispensary Software**

◆ **Product Information** ◆

## Rx Data Perfect Dispensary Software

AH Computer Systems has been providing quality software to independent pharmacists since 1985. Our reputation for quality software and exceptional support is firmly established. Our Rx Data Perfect dispensary software was designed with the help of an extensive network of pharmacists to provide a fast, affordable, yet flexible system.

AH Computer's technical expertise, combined with a great deal of feedback from our customers, has enabled us to produce a system with a wide range of features:

- ◆ High performance relational database design provides for hundreds of thousands of records of patient history without significant performance impact.
- ◆ Intuitive, easy-to-use screens provide quick access to customer and drug information, and fast prescription entry.
- ◆ Detailed cost calculations and fee calculations based on payment plan, drug group, quantity, and cost of prescription.
- ◆ Integrated on-line adjudication for government and 3rd party insurers.
- ◆ A wide range of nursing home features including nursing home label printing, pillpak printing, MAR and MED form generation.
- ◆ Custom reporting features.
- ◆ Customer mail merge by ailment, drug, or doctor.
- ◆ Inventory tracking and usage history.
- ◆ Customize labels with over 100 different fields of information available.
- ◆ Patient intervention logs.
- ◆ Refill and intervention callback diaries.
- ◆ Compliant with Manitoba PHIA requirements.



### Why Computerize Your Dispensary?



As computers became smaller and more affordable, pharmacies were among the first small businesses to computerize their operations. Yet many pharmacies today still do not have the benefits of a fully computerized system or may have older dispensary systems that do not provide the rich range of benefits now available.

If you are still wondering about computerizing your pharmacy, or are looking at upgrading your system, you may want to explore some of the ideas expressed on this page.

**Save Time and Reduce Errors** by reducing redundant and time consuming paper tasks. Quick Data Retrieval is of primary importance in a pharmacy. The ability to quickly see a summary of the last few years of a patient history, to quickly find eligible refill numbers, and to verify prices charged in the past is an invaluable part of a pharmacy system. Printing billings rather than hand-writing billings reduces the possibility of errors and improves consistency.

**Improved Customer Service** can be achieved by taking advantage of pricing formula features, patient counselling features, and nursing home add-ons. The pharmacy system makes many math-oriented or labour-intensive tasks easy to perform and accurate so you can provide more services, better pricing and fee schedules, and fine tune your business, without sacrificing a great deal of time and effort.

**Retain Customers** by providing on-line access to their insurance companies or claims providers. Electronic commerce is becoming more and more prevalent throughout our economy and pharmacy claims provide a major opportunity for insurers to save money and improve accuracy through on-line claims adjudication. If you aren't computerized, you can't offer your customers the opportunity to fully utilize their insurance plans and as insurance plans become more complex, you may not be able to offer paper-based claim payment.

**Dispensary systems come in many shapes and sizes. You may want to be aware of some of the issues surrounding dispensary and computer systems in general:**



**Features are, of course, an important part of any system. Finding the best mix of features and price can be a challenging task.**

**Features** should include the standard range of dispensary functions such as filling prescriptions, maintaining patient, doctor and drug files and providing pricing formulas. Advanced features might include nursing home and hospital functions, on-line adjudication of 3rd party claims, custom reporting, and other functions.

**Peer to Peer Networking or DOS networks** means that each workstation is a self-contained computer which uses its own processing power to run the software. This means you have greater reliability because, with appropriate backups, each workstation can function as the "server" and it means better performance because the job of processing claims is spread across all computers in the network. Compare this to Unix-based networks which require a server machine to be up and running for the workstations to be running and which relies completely on the performance of the server. Peer to peer and DOS networks include Novell network, Novell Personal network, Windows for Workgroups, and Windows '95.

**DOS / Windows / Windows 98** operating systems may be an important consideration. More and more programs are available that help the pharmacist run their business - from patient counselling to word processors and accounting applications and almost all of the best software is available only in the DOS / Windows environment. If you want the flexibility to be able to run multimedia CD-ROM programs along side your dispensary applications and the ability to purchase inexpensive add-on software for accounting and other office tasks, you must use DOS or Windows.

**Ease of Use** should be a factor in your search for a dispensary system. In any dispensary setting, you want to spend a minimal amount of time in front of the computer and a maximum time filling prescriptions and helping patients. If your system forces you to go through a lot of different screens and keystrokes simply to fill a prescription, you may be spending more time computing than you need.

**Rx Data Perfect was designed as an easy to use, yet sophisticated tool, for the independent pharmacist. Rx Data Perfect is built for ease-of-use and high-speed performance.**

- ◆ Virtually unlimited storage of patients and prescription history.
- ◆ Fast and intuitive user interface with minimal keystrokes to accomplish most common prescription filling tasks.
- ◆ Sophisticated ISAM database design provides exceptionally fast access even of long patient histories.
- ◆ Many easy to use methods to search for patients, drugs, and doctors.

**Standard Features include:**

- ◆ Patient database including payment plan, insurance information (group, claim relationship) and nursing home information (weight, admit date, goals, etc.)
- ◆ Drug database including pricing groups, reorder levels, DIN by payor
- ◆ Four price levels
- ◆ 64 Payment plans to configure insurance claims, and fee and markup calculations
- ◆ Fee formula calculation by payment plan, drug group, quantity, cost, with specific drug override
- ◆ Memos on patient, drug, and prescription
- ◆ Flexible directions processing with easy-to-use SIG code feature
- ◆ Fill, Refill, Copy Fill, Update, Deferred prescriptions
- ◆ Automated 2nd payor adjudication
- ◆ Smart update reprocesses on-line payors automatically
- ◆ Customized labels with built-in support for regular labels, 5 part, and 6 part labels, over 100 fields of information available to print on labels including memos, nursing home, and insurance information
- ◆ Custom reporting provides mail merge or label printing by drug, doctor, or ailment code
- ◆ Custom reporting for medical administration records, medication reviews, and many other uses by payment plan, patient, date, doctor, drug, or ailment
- ◆ Quick drug price update screen ( Integrated interaction system provides information about interactions with patient ailments and other medications with on-screen warnings & optional counselling labels
- ◆ Automated day-end purge of old data
- ◆ Windows-based adjudication software



**Nursing Home Features Include full support for:**

- ◆ MARs and MED reviews
- ◆ Discontinue prescriptions
- ◆ Automated refill processing
- ◆ Batch label printing with provision for regular and reorder labels, and dosing times
- ◆ Optional pill pack printing program with integrated data files.

**Reporting Includes on-line adjudication reports:**

- ◆ Activity reports and prescription statistics reports
- ◆ Paper-based billing reports in a wide variety of formats
- ◆ Patient histories
- ◆ Drug usage
- ◆ Drug reorder listings
- ◆ Day-end reporting including refills, payable prescriptions, low stock, and inventory usage exports based on UPC code
- ◆ Integrated patient counselling sheets with customized headers and footers.

## Installation

### **Installing a dispensary system takes a bit of planning ahead to ensure a successful installation.**

We've outlined a few of the issues that you may want to be aware of as you plan your system installation. AH Computers can help you sort through these issues.

**Space planning should happen early.** You will need to ensure that you have room for the computers, and printers. How can wiring be run between computers - through counters, over the ceiling or through the floor? Do you have enough counter space to meet government or association guidelines? If you need dimensions for all the components, we'll be able to help.



**Other physical considerations** include power wiring for the computers (make sure laser printer and other high-energy devices like refrigerators aren't sharing the same circuit). Most computers require at least 2 plugs and any computer doing communications may require up to 4 plugs. And you'll need outlets for the printers too! Do you have a phone line nearby for support and on-line adjudication (you might consider sharing an Interac or Fax line)?



**Starting data** for drugs and SIG codes can be supplied by AH Computer Systems for you or, if you know an AH Computer Systems client already, we may be able to copy their data, with their permission, for your use as a starting point. If our default drug file is not suitable, and you cannot get data, you may want to be prepared for a little extra work establishing your initial drug file.

**A planned approach** will help - are you going to get up and running with all features immediately or do you want to take things step by step? For example, you may want to automate retail aspects - filling prescriptions and doing on-line adjudication first and then worry about inventory and nursing home features later on. Or you may want to start off with all features in place and all training done. Recognize that both approaches have their advantages and disadvantages but either way, AH Computers will be there to help.

**Training** is an important concern. While we've done all we can to make our systems easy to use, we can't ignore the importance of training. Any installation will include at least one day of training with follow-up training, phone support, and on-line support available. You will want to designate staff to become the first line of contact with us and we'll spend a bit more time with them. Book staff ahead of time to be present during the training.

**Support** is one of the most important features of any system. From time to time everyone needs help with their computer systems. Whether for assistance with certain features, troubleshooting, or information about upgrades, you want support to be available and responsive.

- ◆ AH Computer Systems has developed a reputation for top quality support. Our reasonably priced annual support package includes a broad range of services that are available to you and your staff.
- ◆ On-call support during any hour that our customers are open, any day of the week.
- ◆ You'll never be asked for a credit card number when you call AH for support.
- ◆ AH's Health Link newsletter is published at least twice a year outlining system features and industry issues.
- ◆ FaxLink faxes are published on an as-needed and timely basis to clarify legislative issues, insurer issues, and system features.
- ◆ AH Snapshots provide one-page fax descriptions of various important system features with step-by-step explanations.
- ◆ AH Customers, in primary support regions, can expect a visit at least once per year.
- ◆ You won't hear the line "just look in the manual". We'll help you through the problem!
- ◆ On-line support through direct modem and Internet.

## About AH Computer Systems Ltd.



In 1985, Andrew J. Hallonquist founded AH Computer Systems Ltd. to develop, distribute, and support Rx Data Perfect, a ground-breaking pharmacy dispensary system. Combining ease of use with exceptional performance, the system has gained wide popularity with pharmacists.

AH Computer Systems now provides complete system solutions for pharmacies and general merchandise retailers, from dispensary systems to scanning and inventory control. We also provide complete hardware and software sales in addition to our on-going support.

### **Developing pharmacy and point of sale software has provided us with a wide range of experience both in development and support.**

Remote locations aren't a problem. We frequently deal with locations that are difficult to get to in person and have been able to provide many of our clients with support levels comparable to those in large centres. On-line support through modem and Internet provides the ability to work with our clients as if they were next door.

Our development platform includes the latest object-oriented development tools, and high speed ISAM databases. We have a great depth of experience with real-time adjudication communication and writing integrated drivers for a wide variety of point of sale devices including Telxon units, scanners, scales, and customer displays. Our applications are both DOS and Windows based and all will run under Windows '98 and on Novell networks.

- ◆ **Phone:** (204) 982-5800
- ◆ **Fax:** (204) 878-2091
- ◆ **Website:** [www.ahcomputer.mb.ca](http://www.ahcomputer.mb.ca)
- ◆ **Email:** [andyh@ahcomputer.mb.ca](mailto:andyh@ahcomputer.mb.ca)

- ◆ **Mail:**  
Box 11, Group 100, RR#2  
Lorette, MB  
Canada R0A 0Y0



This section provides some samples of Rx Data Perfect's screens and reports.

## The Main Menu



The Main Menu of Rx Data Perfect provides quick access to the fundamental tasks of maintaining and operating your dispensary system. Most of the data entry tasks, such as editing patients, drugs, and doctors, may, however be done while entering a prescription so most of the time, you'll never even see the main menu!

## The Enter Prescriptions Screen

PHMENU

DPIN-Batch Mode

Name: FLINTSTONE, FRED      Phone#: 555-3598  
 Addr: 130 RUBBLE AVE      Sex: F PRIN: 0  
       WINNIPEG, MANITOBA      Date of birth: 23-SEP-68  
 Ails: PA      Plan: A10 000000099801  
 Comm: HARD OF HEARING      Phys: ABBOTT, C.E.

Memo: When delivering to this patient please use back door.

OPTIONS

(Esc)-Menu (F)ill Rx (S)how History (U)pdate Rx (D)eferred Rx  
 (N)ew patient (R)efill (P)rice (L)abels (T)ype (X)-Refill New# (M)ore

The goal of providing quick data entry is displayed here. From this main screen you can quickly find a new patient, fill, update, or refill a prescription, display a patient's history or even type a free-style label or price a prescription without actually filling it.

## The Prescriptions Screen

PHMENU

DPIN-Batch Mode

Name: FLINTSTONE, FRED      Phone#: 555-3598  
 Addr: 130 RUBBLE AVE      Sex: F PRIN: 0  
       WINNIPEG, MANITOBA      Date of birth: 23-SEP-68  
 Ails: PA      Plan: A10 000000099801  
 Comm: HARD OF HEARING      Phys: ABBOTT, C.E.

-New Fill

PHYSICIAN & DRUG SELECTION	
Phys: ABBOTT, C.E.	Code: ERYB ID5 DLR: DIN:00851968
Drug: ERY	D1: COATED ERYTHROMYCIN 500 MG
Quants: 1	D2: ERYB ID Mnf: ABB Pfm: TAB
Sig: crrr	C: 83.37/100 JAN-94 Override: NONE
Dur: 0 days	C2: 94.31/100 Sch: F Gr: W
Refill: 0	Aq: 0.00/1 JAN-01 QOR: 0
Pharm:	Drug Memo:
Cost: 2.09 [0.94]	
Fee: 2.00 Prev Pd: 0.00	
Misc: 0.00 Date: 10-FEB-97	
Is DU?: N No Sub: N	
ExCd1: W/O: W	
ExCd2:	
Plan: A10 0000000998	

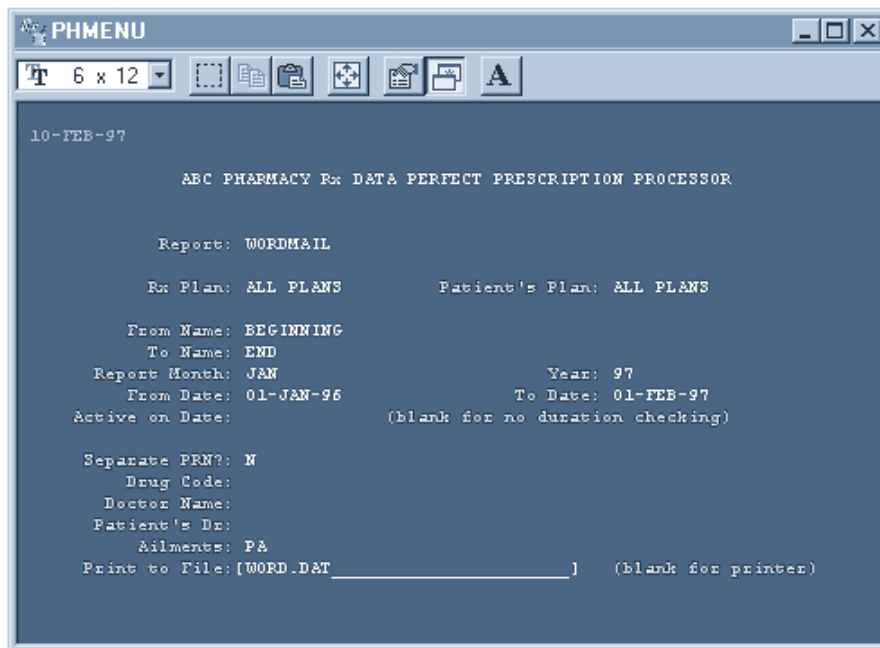
OPTIONS

(C)reate (M)odify (U)sage (S)how history (A)dvise sub (K)ey (R)eceive (V)erify  
 (Esc)-retry (←)-return (PgDn)-next (PgUp)-prev (I)nteraction (F2)-view plans

While filling a prescription, you have the option of modifying a drug, doctor or viewing the patient's history. Memos can also be added to the prescription for later reminders during refills and printed on labels. Any information on the screen can be printed on the customizable labels.

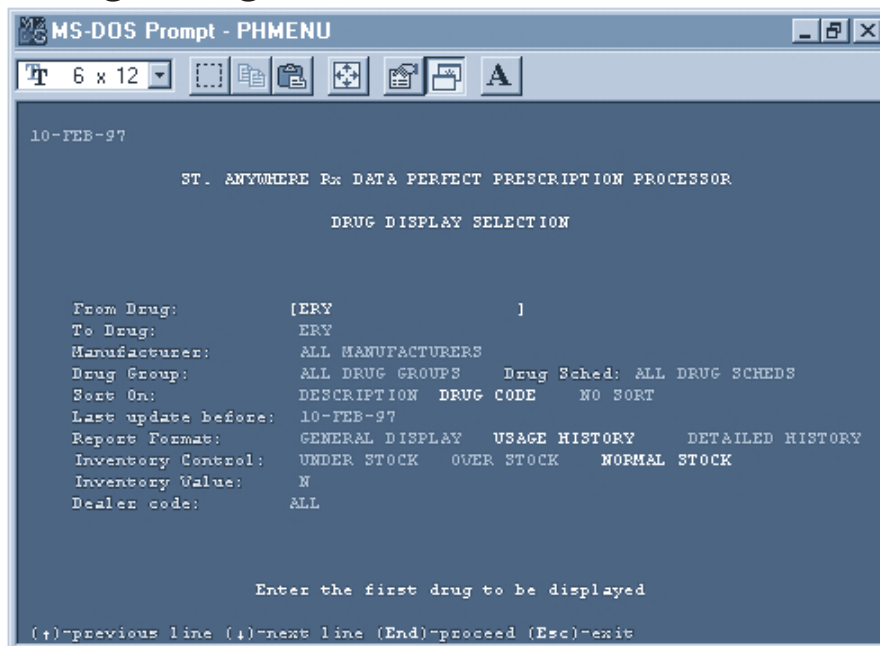


## The Custom Report Screen



The Custom Report screen handles a variety of data search requests and the output can be formatted from a choice of over 100 different fields from patient name to drug, prices and margins. This screen can also be used to support exports to other systems.

## The Drug Listing Screen



The Drug Listing can provide a great deal of information about the drugs on file including current inventory levels and usage over the last 12 months. You can select by manufacturer, pricing group, reporting schedule, or dealer code.

## Sample Reports

### ◆ 3rd Party Bills • Prints prescription billings

Record Selection: Based on payment plan, patient name

Date Criteria: Start and End date

Fields:Varies depending on report type for payment plan / form type but generally includes prescription number, date, ingredient cost, fee, total cost, paid by previous carrier, patient name, patient claim number.

### ◆ Narcotic Report • Prints listing of all narcotics prescriptions filled

Record Selection: Drug schedule

Date Criteria: Start and End date

Fields:Patient name and address, doctor name and address, drug, quantity, prescription number, date, form, manufacturer.

### ◆ Drug List • Prints a list of drugs

Record Selection:Drug name, manufacturer, price group, report schedule, dealer code, low stock, over stock.

Date Criteria:Last update or all

Fields:Drug code, description, DIN, for, unit, manufacturer, cost 1, cost 2, acquisition, fee, schedule, group, quantity on hand, min, max, last update, last 12 months usage history.

### ◆ Patient History • Prints a listing of a patient's history

Record Selection: Patient name

Date Criteria: Range of dates

Fields:Prescription number, drug, date, doctor, SIG codes, pharmacist, cost, fee, total price, paid by payor one and two, and customer amount.

### ◆ Statistics Report • Displays a summary of system activity

Record Selection: Payment plan or all plans

Date Criteria: Range of dates

Fields:Counts of new prescriptions, refills, and total prescriptions. Dollar amounts for cost, fee, misc fee, total charges, acquisition cost, and margin, by day, by plan with totals and daily averages.

**Both USP DI and Drug & Poison Information Centre counselling leaflets are available.  
See pricing page for initial cost and annual license fees.**