

# CUBEX

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# AVIMARK CUBEX INTERFACE

## What is a Cubex System?

The Cubex supply management system provides centralized storage locations from which veterinary supplies are easily accessed, controlled and tracked. Automated supply reordering allows usage and replenishment data to be transmitted electronically to a web-hosted database which increases workflow efficiency by having supplies stocked and available.

The Cubex System features a user-friendly controller that enables rapid access to veterinary supplies through manual or badge input. Once access is granted, the user simply presses a button to indicate the removal of an item. Supply inventory levels are automatically updated.



*Internet connection is required for this integration.*

## Requirements

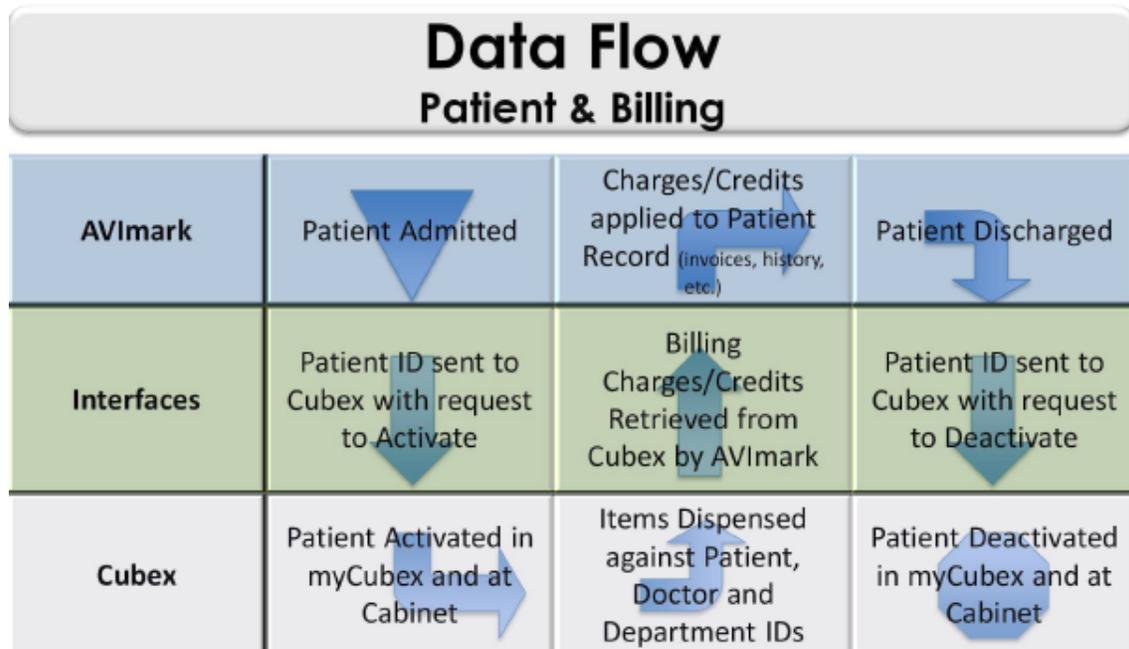
### Cubex Software Version

The cabinet software on each of the installed Cubex cabinets needs to be version 2.0.30 or higher. At the Login screen on each of the cabinets review the version number displayed in the bottom left corner of the screen. Please contact Cubex Customer Support (Support@CubexSystem.com) to verify and obtain the latest software release.

### AVImark Software Version

2012.1 or Higher

## Workflow



# INITIAL SETUP

## Exporting the Inventory List

An Excel report containing your Inventory List will need to be exported to Excel and sent to Cubex.

1. To generate the report, click on **Work with | Inventory List**.
2. In the Inventory List window, click on **File | Print | Inventory List**.
3. **Sort** the report by **Code**.
4. Select **Excel** as your “Print To” option.
5. The completed Excel report can be provided to Cubex (support@cubexsystems.com) for cabinet software setup.

## Exporting Users

An Excel report containing the AVImark user group, name, and ID, information for all users that may be dispensing items from the cabinet, will also need to be sent to Cubex.

1. Select **Work with | Users and Security**.
2. Highlight the desired category, then select **View | Print**.
3. Select **Excel** in the “Print To” field, and click **Print**.
4. The completed Excel report can be provided to Cubex (support@cubexsystems.com) for cabinet software setup.

## Advanced Options

In AVImark, click  and enter the keyword of **Cubex** in the Search field.

- ✓ **Active** — Activates the Cubex interface. Set this option to True.
- ✓ **Password** — Password as assigned by Cubex
- ✓ **Polling Interval** - The time intervals when Cubex searches for any new Cubex transactions. The default is set for 30 seconds.
- ✓ **Site Code** — Code as assigned by Cubex
- ✓ **User Name** — Name assigned by Cubex
- ✓ **XML Path** — The user defined directory to house the XML file that will remain and be updated with each Cubex transaction data. We recommend the directory be placed within the AVImark directory, and using this setup the value in Advanced Options will look like this: Cubex Transactions\.

# FEATURE USE

## Polling Utility

There is an automatic polling utility that will run on 30 second intervals to search for any new Cubex transaction data information. This utility will be setup and set to run automatically simply by having Cubex Option set to Active. The utility will be available to open and close manually, if desired, by accessing the system tray icon that will be displayed when the utility is running.



To stop this utility manually, right-click on the shaking hands and select 'Close'. The utility is automatically set to open when AVImark opens and close when AVImark closes. However, if you have unchecked the option to open when AVImark opens, and need to re-launch the utility, you can do so by selecting Utilities | Cubex Polling and the service utility will be restarted.

## Usage

When an AVImark patient has a checked-in status or has any new unposted entry created (such as a refill or treatment entry) in Medical History, they will become "Active" in the Cubex System and available to be selected for inventory distribution. This communication uses an internet connection to transmit XML information between the systems.

- ✓ As items are needed from the Cubex cabinet, simply locate the appropriate active patient in the cabinet.



- ✓ Select the doctor and choose issue/return.

**Cabinet #01**

Select Doctor, or start typing Name or ID to narrow the list  
For other functions select from the buttons below

Buster All Search Clear

Doctor	ID
Rubinstein, Jennifer (12)	12
Smith, John	JS
Cravens, Marla	MC

Back Add New Patient CycleCount Restock Issue/Return Exit

- ✓ Select **Issue Preselect**.

**Touch and Go Item List**

Buster - King, Reba  
D 92  
Canine, 0 lbs, AV/mark Animal Hospital  
No Allergies

These are the items you have taken or returned using the Blue Push buttons.

Select "See & Touch" Supply items behind unlocked doors now by opening the door and pressing the Blue Shell Button

To locate a See & Touch item, press Find Item

For locked doors and drawers choose a Function Button below

The "Preselect Return" button is for whole units of return only.  
To change Multi-Dose dose, or Partial Dose Waste, use the Change Dose/Waste button

Back Home Issue Preselect Return Preselect Change Dose/Waste Preselect Find Item Exit

- ✓ Select the **Item to Dispense** and choose **Next**.

**Issue Preselect**

Buster - King, Reba  
D 92  
Canine, 0 lbs, AV/mark Animal Hospital  
No Allergies

Select items to Issue. To find, start typing in the Item name

Description1	Description2	Item ID	Last Issue
Cosequin Capsules-Reg	Cosequin Capsules-Reg	5402	01/27/2011
AV/Ketamine Injectable - Ketaset	AV/Ketamine Injectable - Ketaset	0354	
AV/Diazepam (Valium) 5mg Inj C-4	AV/Diazepam (Valium) 5mg Inj C-4	0350	
AV/Acepromazine Inj 10ml/ml 50ml	AV/Acepromazine Inj 10ml/ml 50ml	0375	
AV/Acepromazine 25mg	AV/Acepromazine 25mg	0377	

Back Home Show Item List Next Exit

- ✓ Enter **dispensed information** using the keypad and choose **Next**.

**Item Dose Entry**

Buster - King, Reba  
ID 92  
Canine, 0 lbs, AVMark Animal Hospital  
No Allergies

Enter Issue Dose or Quantity as requested

Item ID: 1077

Item Detailed Description: AVI Acepromazine 25mg 25 MG/1 TAB TAB 1 TAB

Description 1: AVI Acepromazine 25mg

Alternate Name:

Issue Quantity:  1 TAB TAB

Remaining:  1 TAB TAB

Dose Mass:  MG

Back Home Next Exit

- ✓ Choose **Issue Items Now**.

**Items Issue List**

Buster - King, Reba  
ID 92  
Canine, 0 lbs, AVMark Animal Hospital  
No Allergies

Check Dose or Quantity. If the list is complete select "Issue Items Now", otherwise add additional items.

Item Detailed Descr.	Description 1	Qty	Issue Units	Dose	Dose Units
AVI Acepromazine 25mg 25 MG/1 TAB TAB 1 TAB	AVI Acepromazine 25mg	1	1 TAB TAB	25.00	MG

Back Home Add Additional Items Issue Items Now Exit

- ✓ Retrieve your item(s) from the cabinet. Confirm your issue by choosing **Next**.

**External Item Issue**

Buster - King, Reba  
ID 92  
Canine, 0 lbs, AVMark Animal Hospital  
No Allergies

Enter date for your external item here then press Next

**This is a remote item located in**

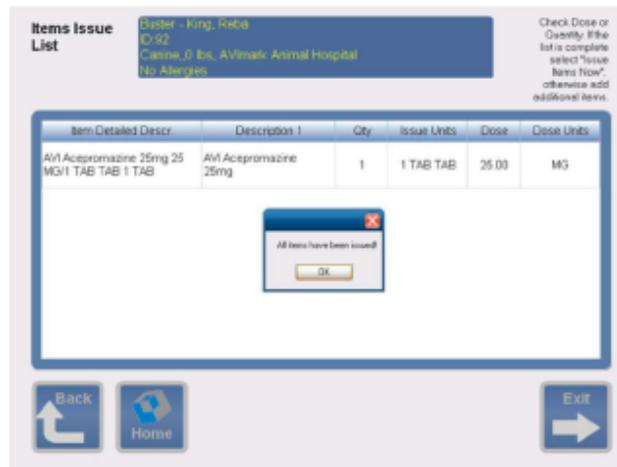
AVI Acepromazine 25mg 25 MG/1 TAB TAB 1 TAB

Issue:  1 TAB TAB

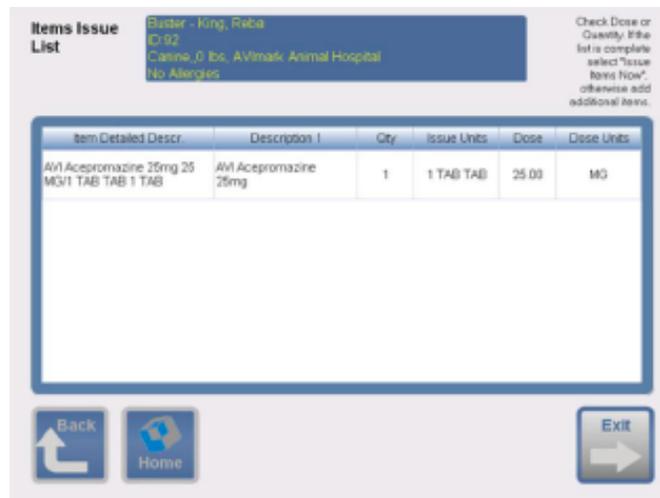
Remaining:  1 TAB TAB

Skip Item Next Exit

- ✓ Complete the confirmation.



- ✓ Choose **Exit** to complete your session (transaction(s) will then be sent to AVImark).



- ✓ The dispensing information will be queued by myCubex for retrieval by AVImark when the patient is released, checked-out, or posted to the AVImark Invoice and the patient will be de-activated in the Cubex system.

If the qty/amount dispensed from the Cubex cabinet differs from the qty/amount entered into AVImark Medical History for that patient, the qty/amount from the cabinet is considered accurate and will overwrite the qty/amount in Medical History and be the qty/amount posted to the AVImark Accounting. The AVImark on-hand quantity for that item will also be updated to reflect the amount dispensed from the cabinet.

# TROUBLESHOOTING

## Communication Timing

- ✓ **Patient Records** - Will be available or be removed from the Cubex cabinet within 30 — 60 seconds of being checked In/Out in AVImark.
- ✓ **Billing Records** - Will be available in AVIMark within 30— 60 seconds of being completed at the Cubex cabinet.

## Data Not Synchronizing

- ✓ Make sure the cabinet is connected to the network and has access to the Internet (open a browser and make sure you can open <http://www.mycubex.net>).
- ✓ If all Cubex components are functioning and connected...
  - o Verify the polling utility is running on the AVImark server.
  - o The Server is properly configured to send and receive data with Cubex.

## Billing Charges Not Appearing on Patient Records

After reviewing the above you may find that communication is working but Billing Records are not appearing on one or more patient records.

This may be caused by incorrect selections being made by users at the cabinet for:

- ✓ User Login
- ✓ Patient ID
- ✓ Department
- ✓ Doctor
- ✓ Item IDs

## Cubex Support Contact Information

Cubex Customer Support - [support@cubexsystem.com](mailto:support@cubexsystem.com)