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Mobile Information Management Systems (MIM)

Training for IT Specialists

Workshop
September 2008

Exercise #1 – Installation and Configuration

Work together as a team to complete the following steps:

1. Go to the MIM Wiki at:

<http://cowebapps02.aphis.usda.gov/mimWiki/jsp/Wiki?StartingPoints>

Select the **MIM PDA** link under **Enterprise Handheld**. Under **How to, guides and other assistance – Installing**, select **Prerequisites** to complete Steps 2 through 4.

2. Use the link to install ActiveSync to your desktop computer.
3. Use the link to install Laptop/Desktop .NET Framework 3.5 to your desktop computer.
4. Use the link to install Laptop/Desktop/PDA .NET **Compact** Framework 3.5 to your desktop computer.
5. Turn on the PDA. Make sure the system date is set to today and time is accurate.
6. Connect PDA charger to the desktop.
7. Dock PDA.
8. Return to **How to, guides and other assistance – Installing** and select **MIM PDA Installers** and follow the directions to install the MIM PDA Manager software to your desktop.
9. Each time Manager is now started it will check for updates for the docked mobile device and prompt to install them when available.

Exercise # 2 – Interface Pairing for Bluetooth

Work together as a team to complete the following steps:

1. Identify the Bluetooth security code associated with the reader (usually labeled on the handle of the device)
2. On the PDA, ensure that Bluetooth is turned on
3. Create new partnership, using the MIM Wiki (**How to, guides and other assistance – Configuration – Bluetooth Configuration**).

Exercise #3 – Basic: Single Premises

Work together as a team to complete the following steps:

1. Ensure that your PDA is unlocked and has the system dates set to today's date
2. Using MIM Manager, create a premises record using information from exercise sheet
3. Using MIM Manager, create a program activity of Caudal Fold Test scheduled for today's date
4. Using MIM Manager, add the following veterinarian:
Randy D. Munger, DVM
2150 Centre Ave.
Fort Collins, CO 80526
970-494-7339
Randy.D.Munger@aphis.usda.gov
5. Load the premises, program activity, and veterinarian onto two PDAs, using "Exit and copy to multiple PDAs". First load the information onto your PDA, then switch with a neighboring team and load the information onto the second PDA. Make sure you have your assigned PDA when you finish this step.
6. Retrieve the wand that is paired to your PDA.
7. Record CFT injections for five animals; be sure to scan RFIDs and enter metal tags and farm IDs. Have one team member run the PDA while the other uses the wand and calls out metal tag numbers and farm IDs, using the animal ID worksheet.
8. Run a Sprite Backup, using the MIM Wiki for instructions
9. Change the system date to be three days from today's date
10. Record CFT reads for all five animals; results should be entered as Negative
11. Run a Sprite Backup
12. Dock the PDA you've been using
13. Run reports using MIM Manager "View/Edit Reports"

Exercise #4 – Intermediate: Multiple Premises

Work together as a team to complete the following steps:

1. Ensure that your PDA is unlocked and the system date is set to today's date
2. Using MIM Manager, create a second premises record, this time by using the National Premises ID Number provided by the instructor
3. Using MIM Manager, create a program activity of Caudal Fold Test scheduled for today's date.
4. Using MIM Manager, create a second program activity of Comparative Cervical Test scheduled for three days from today's date
5. Load the premises and program activities onto your team's PDA using "Exit and copy to single PDA"
6. Record CFT injections for five animals; be sure to scan RFIDs and enter metal tags and farm IDs, using the animal ID worksheet. Have one team member run the PDA while the other uses the wand and calls out metal tag numbers – switch responsibilities so that each team member experiences both tasks.
7. Simulate a Sprite backup.
8. Dock the PDA and run reports using MIM Manager
9. Undock the PDA
10. Change the system date to be three days from today's date
11. Record CFT reads for all five animals on the first premises; enter three animals as Suspect, the other two as negative
12. Record CCT injections and add initial measurements for all of the suspects. Give each animal the same readings for avian and bovine: 7.5 for the first animal, 8.5 for the second, and 9.0 for the third.
13. Simulate a Sprite backup
14. Each team member should add a new premises using the PDA (not MIM Manager)
15. Each team member should add a new activity of Inventory for their premises using the PDA (not MIM Manager)
16. Each team member should inventory five animals and simulate a Sprite backup.
17. Dock the PDA and run reports for both premises using MIM Manger "View/Edit Reports"
18. Undock the PDA
19. Change the system date to be six days from today's date (three days from the date of the CFT reads and the CCT injections)
20. Record CCT reads for all of the CFT suspects; enter all measurements as being at least equal to the initial measurements (in step 12 above)
21. Simulate a Sprite backup
22. Dock the PDA and run reports using MIM Manager "View/Edit Reports"

Exercise #5 – Advanced: Missing and New Animals

Work together as a team to complete the following steps:

1. Ensure that your PDA is unlocked and has its system date set to today's date
2. Delete all premises records in MIM Manger
3. Using MIM Manager, create a premises record using the National Premises ID Number
4. Using MIM Manager, create a program activity of Caudal Fold Test scheduled for today's date. Schedule the test for 11:00 a.m.
5. Select Dr. Munger as the veterinarian.
6. Load the premises and program activity onto your team's PDA using "Exit and copy to single PDA"
7. Have one team member run the PDA while the other uses the wand and calls out animal ID information from the worksheet. Record CFT injections for all but one of the animals. Experiment with calling out duplicate metal tag numbers to view the screen message. Experiment with entering the same RFID twice to view the screen message.
8. Simulate a Sprite backup
9. Dock the PDA and run reports using MIM Manager
10. Undock the PDA
11. Change the system date to be three days from today's date
12. Skip the first two animals, but record CFT reads for all eight of the other animals on your list. Record the results as Negative. Note what happens when you read the last animal on your list, since this animal wasn't included in the injection activity from step 6. Leave this animal as "observed"
13. Run an Activity One report on the PDA; note that the number injected does not match the number with results.
- 14. Run a Sprite Backup as you may need the backup in a future exercise.**
15. Dock the PDA and run reports using MIM Manager "View/Edit Reports"
16. Undock the PDA

Exercise #6 - Merging

Work together as a team to complete the following steps:

1. Make a note of the PDA number assigned to your team. At the end of the exercise, you will want to have all the data from other teams merged onto your PDA.
2. Use the MIM Wiki (**How to, guides and other assistance – Merging – Merging Instructions**) to merge the data from the PDAs for all groups into one file.