



ActaView Software
Operation Manual
(Preliminary)

FCC Notices

The four components of the BullzI Asset Tracking System, as listed below, have been found to comply with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. The system may not cause harmful interference.
2. The system must accept any interference received, including interference that may cause undesired operation.

Collector, Model BICLA

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

Shielded Cables: Connections between the Collector and peripherals must be made using shielded cables in order to maintain compliance with FCC radio frequency emission limits.

Modifications: Any modifications made to this device that are not approved by PDM Corporation may void the authority granted to the user by the FCC to operate this equipment.

Serial Switch, Model BISSA

Note: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

Shielded Cables: Connections between the Serial Switch and peripherals must be made using shielded cables in order to maintain compliance with FCC radio frequency emission limits. Networking connections can be made using unshielded twisted-pair (UTP) cables.

Modifications: Any modifications made to this device that are not approved by PDM Corporation may void the authority granted to the user by the FCC to operate this equipment.

Receiver Processor, Model BIRPA13

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

Shielded Cables: Connections between the Receiver Processor and peripherals must be made using shielded cables in order to maintain compliance with FCC radio frequency emission limits.

Modifications: Any modifications made to this device that are not approved by PDM Corporation may void the authority granted to the user by the FCC to operate this equipment.

BullzI RFID Tag, Models BITGA-12, BITGA-25, BITGA-50

FCC ID: QFLLIBCRAMDERF

Note: BullzI tags have been certified in accordance with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. The system may not cause harmful interference.
2. The system must accept any interference received, including interference that may cause undesired operation.

Modifications: Any modifications made to this device that are not approved by PDM Corporation may void the authority granted to the user by the FCC to operate this equipment.

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ActaView Software

Operation Manual (Preliminary)

Introduction

BullzI ActaView is a Windows based software package designed to be extremely user friendly.

This manual is divided into two parts, organized as follows:

- Part 1 – Administrative Module
- Part 2 – Asset Locator Module



ADMINISTRATIVE MODULE

Starting BullzI Administrator:

1. Click the start button on the Windows Task bar and then choose Programs – BullzI – Administrator.

After a short delay, you'll see the opening screen shown in Figure 1.1

NOTE: If a shortcut has been added to your desktop you can skip step 1 and double click the BullzI Administrator icon.

FIGURE 1.1

The Administrator Opening screen. Here you enter your User ID and password to gain access to the Administrator program.



2. Enter your User ID and password. Click Execute. The program screen shown in Figure 1.2 will appear.

FIGURE 1.2**The System****Administrator screen.**

Select the task you want to perform from the Administrator drop down menu.



3. From the Administrator menu, do any of the following:
 - **Add an asset record to the database**, choose Add Asset
 - **Delete an asset record from the database**, choose Delete Asset
 - **Modify an asset record**, choose Modify Asset

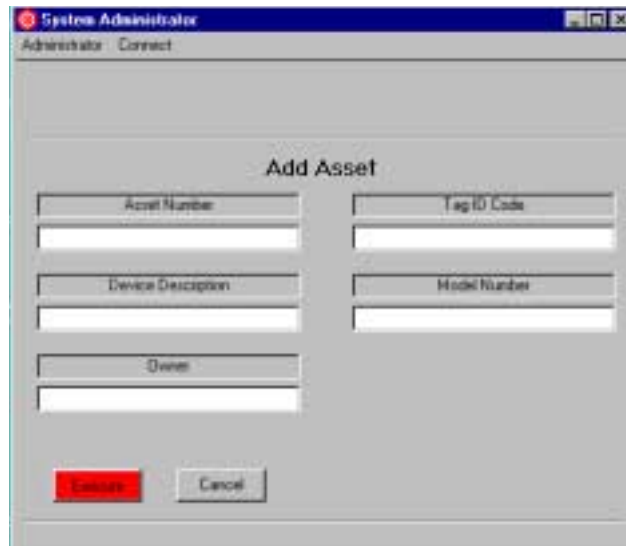
Adding a Tagged Asset

1. Choose Add Asset from the drop down menu. (Refer to Figure 1.2).

The Add Asset dialogue will be displayed as shown in Figure 1.3

FIGURE 1.3**The Add Asset dialogue.**

All information about the Asset is entered here. If your system is set up to do so, this information can be scanned into the database.



2. At the prompt, type in the Asset Number. Tab over to the Tag ID Code and fill in the data. Repeat this process for the remaining blank fields. Click execute.

The asset record has now been added to the database.

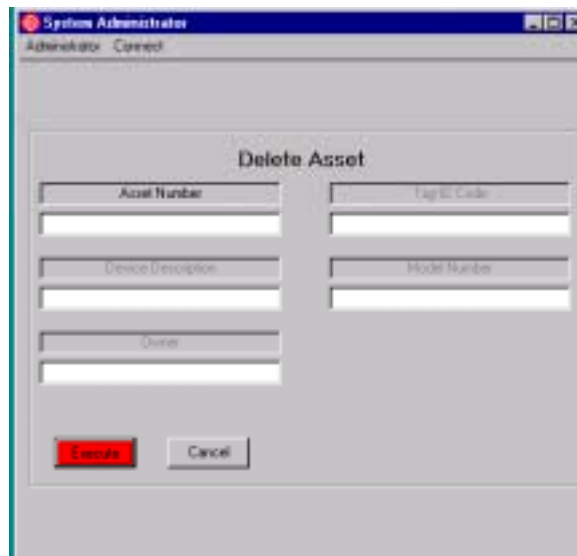
Deleting a Tagged Asset

1. Choose Delete Asset from the drop down menu. (Refer to Figure 1.2).

The Delete Asset dialogue will be displayed as shown in Figure 1.4.

FIGURE 1.4

The Delete Asset dialogue. Type in the asset number and click Execute. The remaining fields will be filled in from the database.



The screenshot shows a window titled 'System Administrator' with a sub-header 'Administrator - Connect'. Inside, there is a 'Delete Asset' dialog box. It contains several input fields: 'Asset Number', 'Tag ID Code', 'Device Description', 'Model Number', 'Owner', and 'Serial'. The 'Asset Number' field is currently empty. At the bottom of the dialog, there are two buttons: 'Execute' (highlighted in red) and 'Cancel'.

2. At the prompt, type in the Asset Number. Click Execute. The remaining fields will be filled in from the database.

A message box (Figure1.5) will ask you to confirm your action.

FIGURE 1.5

The Confirm Delete message box. Click okay to permanently delete the Asset from the database.



This screenshot shows the same 'Delete Asset' dialog box as in Figure 1.4, but now the 'Asset Number' field is filled with 'AH330665'. The 'Tag ID Code' field is filled with '0001403'. The 'Device Description' field is filled with 'Able AirPump'. The 'Model Number' field is filled with 'Zemstar'. The 'Owner' field is filled with 'Dental'. The 'Serial' field is empty. Overlaid on the bottom of the dialog is a small message box titled 'HubAdmin'. The message box contains the text: 'You are about to permanently delete all information pertaining to asset AH330665. Do you want to continue?'. At the bottom of the message box are two buttons: 'Yes' and 'No'.

3. After you have verified that this is the correct asset and are sure you want to delete it, click okay.

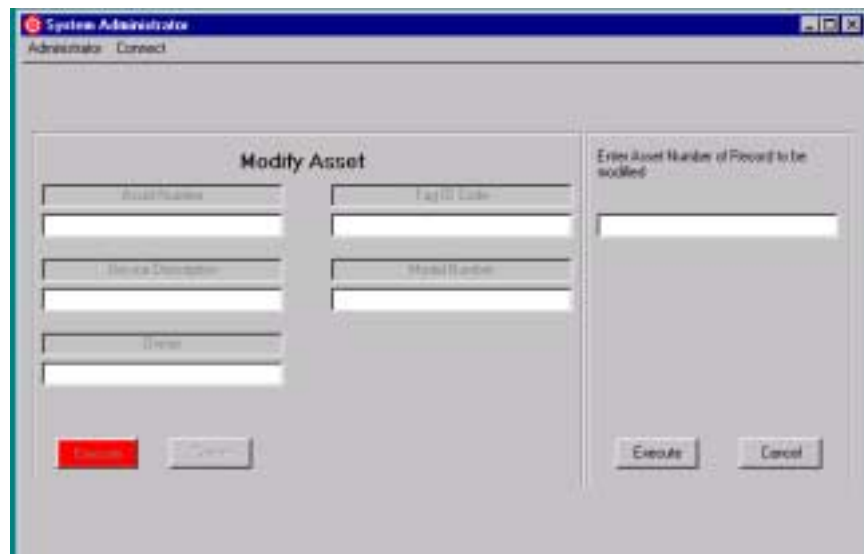
Modifying a Tagged Asset

1. Choose Modify Asset from the drop down menu. (Refer to Figure 1.2).

The Modify Asset dialogue box will be displayed as shown in Figure 1.6

FIGURE 1.6

Modify Asset dialogue. Type the asset number in the “Enter Asset Number ...” dialogue box and click Execute. The other fields will be filled in from the database.

The image shows a screenshot of a 'System Administrator' window. Inside, there is a 'Modify Asset' dialog box. The dialog box has a title bar that says 'System Administrator' and 'Administrator - Connect'. The main area of the dialog box is divided into two columns. The left column has three input fields labeled 'Asset Number', 'Device Description', and 'Device'. The right column has two input fields labeled 'Tag ID Code' and 'Model Number'. Below these fields are two buttons: 'Execute' (highlighted in red) and 'Cancel'. To the right of the main input area, there is a separate section titled 'Enter Asset Number of Record to be modified' with a single input field and two buttons: 'Execute' and 'Cancel'.

2. Enter the asset number at the prompt and click the active Execute button.

The record information fields will be filled in automatically.

3. Modify the information as required, click the Execute button. (refer to Figure 1.7).

FIGURE 1.7**The Modify Asset Dialogue.**

Edit the information by highlighting the text in the appropriate box and typing in the new information.



The screenshot shows a 'System Administrator' window with a 'Modify Asset' dialog box open. The dialog box contains several text input fields for editing asset information. The fields are arranged in two columns. The left column includes 'Asset Number', 'Device Description', and 'Device'. The right column includes 'Tag ID Code' and 'Model Number'. At the bottom of the dialog box are two buttons: 'OK' (highlighted in red) and 'Cancel'. The current values in the fields are: Asset Number: AH130813, Tag ID Code: 120723R, Device Description: Able NPumpDC, Model Number: 5000, and Device: Dncel.

Field	Value
Asset Number	AH130813
Tag ID Code	120723R
Device Description	Able NPumpDC
Model Number	5000
Device	Dncel

This information has been modified in the database.

To modify another record, select Administrator.



LOCATION VIEWER MODULE

Starting BullzI Location Viewer:

1. Click the Start button on the Windows Task bar and then choose Programs – BullzI – Location Viewer.

After a short delay, you'll see the opening screen shown in Figure 2.1

NOTE: If a shortcut has been added to your desktop, you can skip Step 1 and double click the BullzI icon.

FIGURE 2.1

The BullzI Opening screen. Here you enter your User ID and password to gain access to the Location Viewer.



2. Enter your User ID and password. Click Log On. The Tagged Asset Database window will appear.

Report Generator

Connect (Log/On/Off)

Search

Location Tree

Asset Viewer

University Hospital

Garrett Moore, Shirely S.



id - University Hospital	Asset Number	Tag ID	Model Number	Device Description	Location	Status	Time Stamp
	AAR14538	445D562	Cenway PC-1	Box IV Pump	SRD	OK	11/05/09 9:28:36 AM
	AAR10438	56D598	Cenway	ABB IV Pump	ICCU	Pending	11/05/09 9:28:36 AM
	AAR16123	45F163	Cenway-400	ABB IV Pump	1st Floor	SRD	11/05/09 9:28:36 AM
	AAR16148	44E0454	AcuteCare 2000	Reflex Vent	SRD	Pending	11/05/09 9:28:36 AM
	AAR17390	56B0331	Pulse 4000	VAC	ICCU	OK	11/05/09 9:28:36 AM
	AAR18055	A4C048E	Cenway-400	ABB IV Pump	ICCU	Pending	11/05/09 9:28:36 AM
	AAR20441	C045504	Travena C260	Box IV Pump	1st Floor	Pending	11/05/09 9:28:36 AM
	AAR21150	44F1431	Cenway PC-1	Abb IV Pump	Bed	OK	11/05/09 9:28:36 AM
	AAR21308	56B0C07	Cenway PC-2	Abb IV Pump	Storage	OK	11/05/09 9:28:36 AM
	AAR24255	29V05L8	Travena C260	Box IV Pump	Storage	SRD	11/05/09 9:28:36 AM
	AAR25071	56A047V	Travena C260	Box IV Pump	ICCU	SRD	11/05/09 9:28:36 AM
	CH12088	56C28F5	Cenway PC-1	Abb IV Pump	ICCU	Pending	11/05/09 9:28:36 AM
	CH11830	C24LL9F	Cenway	ABB IV Pump	Pathology	SRD	10/30/09 9:12:33 AM
	CH11845	44E0454	Pulse 4000	VAC	Emergency	Transport	10/30/09 9:12:35 AM
	CH11790	56B0C03	Pulse 4000	VAC	1st Floor	OK	11/05/09 9:28:36 AM
	CH11812	A4C048E	Pulse 4000	VAC	Pathology	Transport	10/30/09 9:12:33 AM

236 Item(s) Found

80 Infusion Pump(s)
46 Vent(s)
41 Pulse Converter(s)
61 WaveChex(s)

Major Category Viewer

Location Viewer Screen Layout

Asset Viewer

- **Asset Number** – The facilities ID number for each tagged asset sorted alpha-numerically.
- **Tag ID** – The identification number of the BullzI RF Tag.
- **Model Number** – The tagged asset’s model number.
- **Device Description** – The facilities description of the tagged asset.
- **Location** – The current location of the tagged asset.
- **Owner** – The departmental owner of the tagged asset.
- **Time Stamp** – The date and time the asset was first seen at its current location.

Location Tree

FIGURE 2.4

The Location Viewer screen. Only the tagged assets on 5th floor are displayed.

All assets currently on 5th floor

5th Floor node highlighted

Major categories of equipment currently on 5th floor

Asset Number	Tag ID	Model Number	Device/Description	Location	Status	Time Stamp
94418808	ATM204V	OmniFlow 4200	Auto Pump	5th Floor	SPD	11/10/2011 9:20:38 AM
94412030	CDL20K	OmniFlow	Auto Pump	5th Floor	Normal	11/10/2011 9:20:37 AM
94414830	AST05L	OmniFlow	Auto Pump	5th Floor	Normal	11/10/2011 9:20:37 AM
944120415	AA0040	IV 0000SL	IVC	5th Floor	Amplifiers	11/10/2011 9:20:37 AM
94411008	BR000V	Auto 4000vdc	IVC motor	5th Floor	Transport	11/10/2011 9:20:37 AM
94418242	BR000V	Auto 4000vdc	IVC motor	5th Floor	SPD	11/10/2011 9:20:37 AM
94410008	BT116RD	Auto 4000	IVC	5th Floor	Transport	11/10/2011 9:20:37 AM
94412001	BT116TV	APR 500	Pulse Ox	5th Floor	CCU	11/10/2011 9:20:37 AM
94411008	CP000V	N 200	Pulse Ox	5th Floor	Normal	11/10/2011 9:20:37 AM
94411008	BR000V	Signature PVAC	Auto Pump	5th Floor	SPD	11/10/2011 9:20:37 AM
94411138	40000V	Signature PVAC	Auto Pump	5th Floor	Normal	11/10/2011 9:20:37 AM
94411043	40000V	Signature PVAC	Auto Pump	5th Floor	Normal	11/10/2011 9:20:37 AM
94412010	AA0040	Auto 4000	IVC	5th Floor	Transport	11/10/2011 9:20:37 AM
94418242	AL000V	Auto 4000vdc	IVC motor	5th Floor	SPD	11/10/2011 9:20:37 AM
94412001	BR000V	Signature PVAC	Auto Pump	5th Floor	CCU	11/10/2011 9:20:38 AM
944120415	AP0040	Signature PVAC	Auto Pump	5th Floor	CCU	11/10/2011 9:20:38 AM

25 Item(s) Found

13 Infusion Pump(s)
2 Ventilator(s)
7 Pulse Oximeter(s)
3 WheelChair(s)

Major Category Viewer

The Major Category Viewer has two functions (Reference Figure 2.5):

- Display a total count of all tagged assets relative to the selected node in the Location Tree.
- List tagged assets by major category, enabling quick viewing of all assets within a category (i.e. Wheelchairs).

FIGURE 2.5

The Major Category Viewer. Only the tagged assets of 5th floor are displayed.

Total count

Major Category

Asset Number	Tag ID	Model Number	Device/Description	Location	Status	Time Stamp
94418808	ATM204V	OmniFlow 4200	Auto Pump	5th Floor	SPD	11/10/2011 9:20:38 AM
94412030	CDL20K	OmniFlow	Auto Pump	5th Floor	Normal	11/10/2011 9:20:37 AM
94414830	AST05L	OmniFlow	Auto Pump	5th Floor	Normal	11/10/2011 9:20:37 AM
944120415	AA0040	IV 0000SL	IVC	5th Floor	Amplifiers	11/10/2011 9:20:37 AM
94411008	BR000V	Auto 4000vdc	IVC motor	5th Floor	Transport	11/10/2011 9:20:37 AM
94418242	BR000V	Auto 4000vdc	IVC motor	5th Floor	SPD	11/10/2011 9:20:37 AM
94410008	BT116RD	Auto 4000	IVC	5th Floor	Transport	11/10/2011 9:20:37 AM
94412001	BT116TV	APR 500	Pulse Ox	5th Floor	CCU	11/10/2011 9:20:37 AM
94411008	CP000V	N 200	Pulse Ox	5th Floor	Normal	11/10/2011 9:20:37 AM
94411008	BR000V	Signature PVAC	Auto Pump	5th Floor	SPD	11/10/2011 9:20:37 AM
94411138	40000V	Signature PVAC	Auto Pump	5th Floor	Normal	11/10/2011 9:20:37 AM
94411043	40000V	Signature PVAC	Auto Pump	5th Floor	Normal	11/10/2011 9:20:37 AM
94412010	AA0040	Auto 4000	IVC	5th Floor	Transport	11/10/2011 9:20:37 AM
94418242	AL000V	Auto 4000vdc	IVC motor	5th Floor	SPD	11/10/2011 9:20:37 AM
94412001	BR000V	Signature PVAC	Auto Pump	5th Floor	CCU	11/10/2011 9:20:38 AM
944120415	AP0040	Signature PVAC	Auto Pump	5th Floor	CCU	11/10/2011 9:20:38 AM

25 Item(s) Found

13 Infusion Pump(s)
2 Ventilator(s)
7 Pulse Oximeter(s)
3 WheelChair(s)

Search Functions

The Search Function drop down menu provides a means to quickly search for a specific tagged asset or group of tagged assets. Two very important points to remember when doing a search are:

- Asset number or Tag ID searches – These searches locate the asset wherever it is in the facility no matter what is displayed in the Location Tree.
- All other searches will only find tagged assets located at the node selected in the Location Tree.

FIGURE 2.6

The Search Function.

Start by clicking Search and then selecting the type of search from the drop down menu.

Search drop down menu



All Search Functions begin by clicking Search and then selecting the type of search from the drop down menu.

To Search by Description, Model or Owner

1. Select Description, Model, or Owner from the drop down menu.

A drop down list box will appear as shown in Figure 2.7. This list box lists all of the descriptions/models/owners in the database.

FIGURE 2.7

Model Drop Down List. Searching by model gives us a Model drop down list box from which to select.

Search type display

Drop down list box



2. Click on the asset Description, Model or Owner you are trying to locate.
3. Click Execute

The Asset Viewer will display all items matching the criteria you selected. Remember, the search is relative to the node selected in the Location Tree.

To Search by Asset Number or Tag ID

1. Click Search and then the type of search from the drop down menu.

A dialog box will appear, as shown in Figure 2.8, allowing you to enter the Asset Number or Tag ID.

2. Type in the Asset Number or Tag ID. Click Execute.

The Asset Viewer will display the item that you have requested. Remember Tag ID's and Asset Numbers are unique so unlike other types of searches, there is only one possible match.

Type Tag ID or Asset Number here



The screenshot displays the Bullz! software interface. At the top, there's a header bar with 'Bullz!' and 'University Hospital'. Below this, a search bar contains 'Shirley B'. The main window is divided into several sections. On the left, there's a sidebar with 'Shirley B' and 'Shirley B' listed. The central area shows search results for 'Shirley B', including 'Asset No. E4014938', 'Tag ID A2783U', 'Inventory: A2783U', and 'Owner: Rental'. Below this, there's a small map of the 5th floor with a red circle highlighting a specific area. The right side of the window shows a larger, detailed floor plan of the 5th floor, with various rooms and corridors color-coded (green, yellow, blue, orange). The bottom of the window has a status bar with '1 Item(s)' and '1 Infusion Pump(s)'.

Level Two Search

Searches can also be done within the Asset Viewer and Major Category Viewer windows. The items displayed will be context specific to the node currently selected in the Location Tree.

Asset Viewer Window

1. Select an item description under the Device Description column in the Asset Viewer Window. Double click.

In this example we selected Ala IV Pump and get a complete listing of all 38 pumps with this Device Description as shown in Figure 2.10.

- or -

2. Select an item description under the Model Number column in the Asset View window. Double click.

- or -

3. Select an owner description under the Owner column in the Asset Viewer window. Double click.

FIGURE 2.10

Asset Window Viewer. Results of double clicking on Ala IV Pump.

Asset Viewer window displays all 38 Ala IVPumps

Major Category Viewer shows total number of Ala IVPumps

Asset Number	Tag ID	Device Number	Device Description	Location	Owner	Date Stamp
94121781	ANFAM	000001	Ala IV Pump	Unit	ED	11/10/01 9:20:38 AM
94121782	BN0781	000002	Ala IV Pump	Storage	ED	11/10/01 9:20:38 AM
94121783	BN0782	000003	Ala IV Pump	Storage	ED	11/10/01 9:20:38 AM
94121784	BN0783	000004	Ala IV Pump	Storage	ED	11/10/01 9:20:38 AM
94121785	BN0784	000005	Ala IV Pump	Storage	ED	11/10/01 9:20:38 AM
94121786	BN0785	000006	Ala IV Pump	Storage	ED	11/10/01 9:20:38 AM
94121787	BN0786	000007	Ala IV Pump	Storage	ED	11/10/01 9:20:38 AM
94121788	BN0787	000008	Ala IV Pump	Storage	ED	11/10/01 9:20:38 AM
94121789	BN0788	000009	Ala IV Pump	Storage	ED	11/10/01 9:20:38 AM
94121790	BN0789	000010	Ala IV Pump	Storage	ED	11/10/01 9:20:38 AM
94121791	BN0790	000011	Ala IV Pump	Storage	ED	11/10/01 9:20:38 AM
94121792	BN0791	000012	Ala IV Pump	Storage	ED	11/10/01 9:20:38 AM
94121793	BN0792	000013	Ala IV Pump	Storage	ED	11/10/01 9:20:38 AM
94121794	BN0793	000014	Ala IV Pump	Storage	ED	11/10/01 9:20:38 AM
94121795	BN0794	000015	Ala IV Pump	Storage	ED	11/10/01 9:20:38 AM
94121796	BN0795	000016	Ala IV Pump	Storage	ED	11/10/01 9:20:38 AM
94121797	BN0796	000017	Ala IV Pump	Storage	ED	11/10/01 9:20:38 AM
94121798	BN0797	000018	Ala IV Pump	Storage	ED	11/10/01 9:20:38 AM
94121799	BN0798	000019	Ala IV Pump	Storage	ED	11/10/01 9:20:38 AM
94121800	BN0799	000020	Ala IV Pump	Storage	ED	11/10/01 9:20:38 AM
94121801	BN0800	000021	Ala IV Pump	Storage	ED	11/10/01 9:20:38 AM
94121802	BN0801	000022	Ala IV Pump	Storage	ED	11/10/01 9:20:38 AM
94121803	BN0802	000023	Ala IV Pump	Storage	ED	11/10/01 9:20:38 AM
94121804	BN0803	000024	Ala IV Pump	Storage	ED	11/10/01 9:20:38 AM
94121805	BN0804	000025	Ala IV Pump	Storage	ED	11/10/01 9:20:38 AM
94121806	BN0805	000026	Ala IV Pump	Storage	ED	11/10/01 9:20:38 AM
94121807	BN0806	000027	Ala IV Pump	Storage	ED	11/10/01 9:20:38 AM
94121808	BN0807	000028	Ala IV Pump	Storage	ED	11/10/01 9:20:38 AM
94121809	BN0808	000029	Ala IV Pump	Storage	ED	11/10/01 9:20:38 AM
94121810	BN0809	000030	Ala IV Pump	Storage	ED	11/10/01 9:20:38 AM
94121811	BN0810	000031	Ala IV Pump	Storage	ED	11/10/01 9:20:38 AM
94121812	BN0811	000032	Ala IV Pump	Storage	ED	11/10/01 9:20:38 AM
94121813	BN0812	000033	Ala IV Pump	Storage	ED	11/10/01 9:20:38 AM
94121814	BN0813	000034	Ala IV Pump	Storage	ED	11/10/01 9:20:38 AM
94121815	BN0814	000035	Ala IV Pump	Storage	ED	11/10/01 9:20:38 AM
94121816	BN0815	000036	Ala IV Pump	Storage	ED	11/10/01 9:20:38 AM
94121817	BN0816	000037	Ala IV Pump	Storage	ED	11/10/01 9:20:38 AM
94121818	BN0817	000038	Ala IV Pump	Storage	ED	11/10/01 9:20:38 AM

- In this example we selected Pulse Oximeters and a complete listing of 41 pulse oximeters of all descriptions was displayed as shown in Figure 2.11.

Major Category Viewer Window. Results of double clicking on pulse oximeters.

[illegible]

Major Category window
indicates 41 Pulse Oximeters
located

2D Viewer

The 2D viewer displays the approximate location of a tagged asset. It provides a detailed view of the tagged asset's location and a complete floor view.

The 2D viewer can be displayed in one of two ways.

1. Select the Asset Number or Tag Number of the item to be located and then double click it.

-or -

2. From the Search drop down menu select Asset Number or Tag Number. Type in the desired item. Click on Execute.

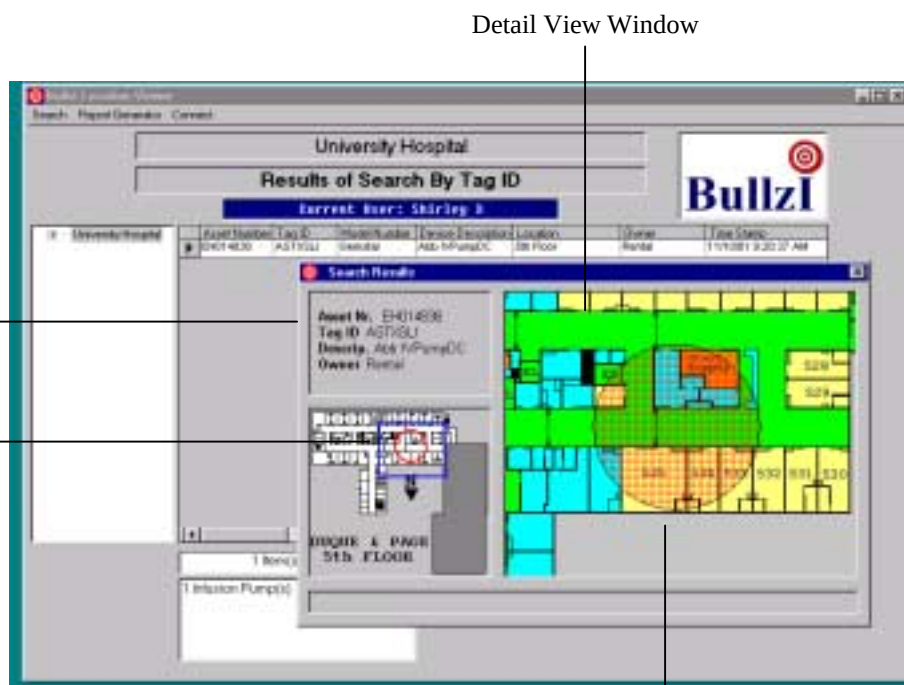
Either will display a screen similar to the one shown in Figure 2.12.

FIGURE 2.12

2D Viewer Display

Floor View window shows entire floor

View Finder box



Location Zone – The tagged asset is located in the area bounded by the circle

2D Viewer Operation

To display the location –

1. Place the mouse at any location in the Detail View Window.
2. Press and hold the left mouse button.

The location will be displayed below the Detail View Window.

To pan –

1. Place the mouse at any location in the Detail View Window.
2. Press and hold the left mouse button.
3. Drag the display until the area of interest comes into view.

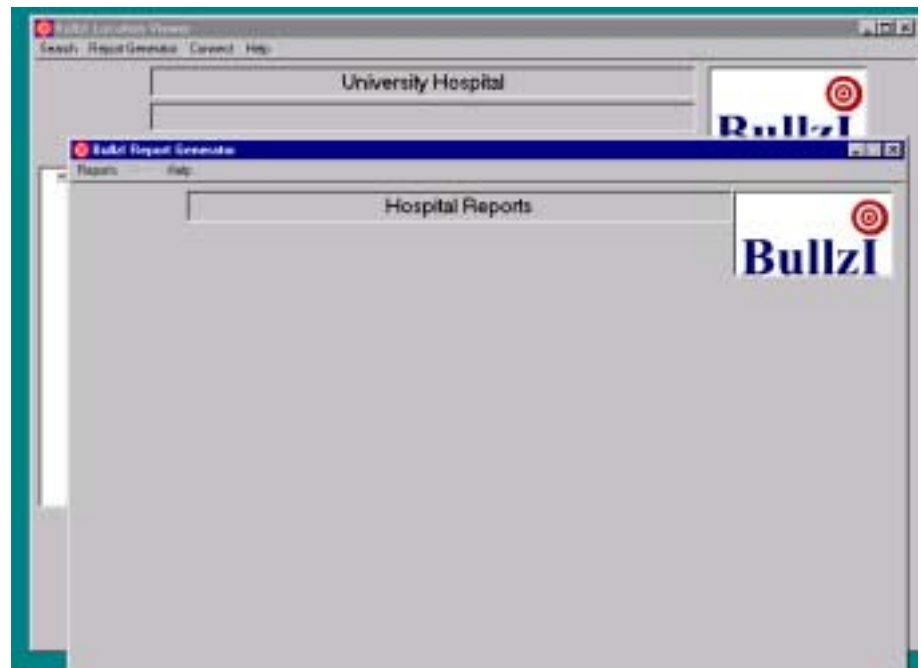
Notice the View Finder Window moves as the mouse is moved and the area inside the viewfinder box is what is displayed in the Detail View Window.

Report Generator

Provides the ability to view and print reports.

FIGURE 2.12

Selecting Report Generator from the menu bar causes the Reports screen to be displayed.



APPENDIX



RFID Tag BITGA-XX

Specification Sheet

Product Identification

FCC ID: QFLLIBCRAMDERF

Part Nr. BITGA-12

Part Nr. BITGA-25

Part Nr. BITGA-50

Features

- ◆ More than 8 billion unique codes
- ◆ Long battery life
- ◆ Low cost
- ◆ Sealed plastic enclosure
- ◆ Cost effective tag exchange program

Physical Characteristics

Length: 2.49 in (63.25 mm)

Width: 1.44 in (36.58 mm)

Height: 0.50 in (12.70 mm)

Weight: 1.20 oz (34.0 g)

Material: ABS, Polylac 717C

Color: White

Seal: Ultrasonic Weld

Technical Specifications

Battery Life, BITGA-25: > six years

Frequency: 303.825 MHz

Operating Humidity: < 99% RH

Storage Humidity: < 99% RH

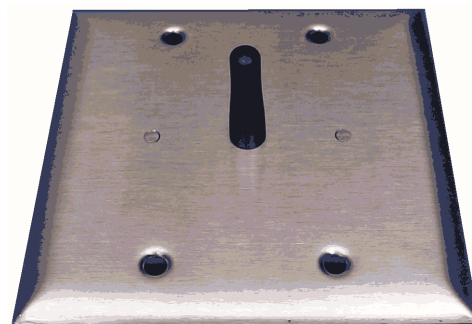
Operating Temperature: 0° C to 70° C

Storage Temperature: -20° C to 85° C



Receiver Processor BIRPA13

Specification Sheet



NOTE: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense

Physical Characteristics

Length:	4.6 in (11.7 cm)
Width:	4.6 in (11.7 cm)
Height:	2.4 in (6.1 cm)
Weight:	8.5 oz (28.3 g)
Material:	Stainless Steel
Color:	Colors available
Mounting:	Standard 2-gang electrical box

Technical Specifications

Frequency:	303.825 MHz
Antenna:	Spiral, 1.3 in (3.3 cm)
Power Requirement:	5V DC, 26 Ma.
Network Connection:	RS-485
Maximum Cable Length:	300 ft (91.4 m)
Operating Humidity:	< 95% (non-condensing)
Storage Humidity:	< 95% (non-condensing)
Operating Temperature:	0° C to 70° C
Storage Temperature:	-20° C to 85° C



Serial Switch BISSA Specification Sheet



NOTE: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

Physical Characteristics

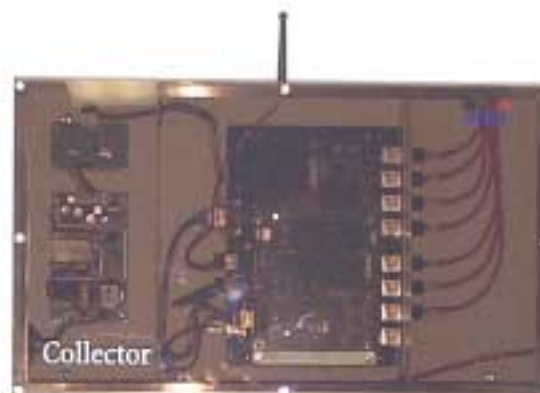
Height:	10.0 in (25.4 cm)
Width:	17.2 in (43.7 cm)
Depth:	2.6 in (6.6 cm)
Weight:	10.0 lbs (4.5 kg)
Material:	Stainless steel
Color:	Ivory, matt finish
Mounting:	Wall, four # 10 keyholes

Technical Specifications

Ethernet Host Interface:	10Base-T (10 Mbps)
Number of Ports:	Four (4), RS-422-485, DB-9 F
Maximum Baud Rate:	230.4 kps
Power Requirement:	100-240 Vac, 0.1 A
Heat Output:	27.0 BTU / hour
Operating Humidity:	8% - 80% (non-condensing)
Storage Humidity:	20% - 80% (non-condensing)
Operating Temperature:	0° C to 40° C
Storage Temperature:	-20° C to 85° C



Collector BICLA Specification Sheet



NOTE: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

Physical Characteristics

Height:	10.0 in (25.4 cm)
Width:	17.2 in (43.7 cm)
Depth:	2.6 in (6.6 cm)
Weight:	10.0 lbs (4.5 kg)
Material:	Stainless steel
Color:	Ivory, matt finish
Mounting:	Wall, four # 10 keyholes

Technical Specifications

Receiver Processor Ports:	8 each RS-485
Standard I/O Ports:	1 each RS-485, 1 each RS-232
Optional I/O:	2.4 GHz SSFH, IEEE 802.3
Power Requirement:	90 – 264 Vac, 0.6A
Heat Output:	6.3 BTU / hour
Operating Humidity:	< 95% (non-condensing)
Storage Humidity:	< 95% (non-condensing)
Operating Temperature:	0° C to 60° C
Storage Temperature:	-20° C to 85° C

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