



SMARTID®



Web based Inventory Management System for Radiation Protection Apparel

ABOUT SmartID®

EASY
FAST
ACCURATE

Staff members at hospitals, medical facilities, and imaging centers have the ability to access details on each radiation protection apparel product in their inventory direct from their smart phone, tablet, or computer. Unlike similar systems that require external software or specialized RFID tags, the SmartID® system uses QR code scanning technology employed by smart phones and other mobile devices.

Each item in inventory is assigned a unique QR code; scanning this QR code directs the user to a web-based database record for that item. From this record, users can easily find product details and access complete inspection reports for the product—all in the same database record and all without the use of special software. Staff members at hospitals, medical facilities, and imaging centers have the ability to access details on each radiation protection apparel product in their inventory direct from their smart phone, tablet, or computer.



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Unlike similar systems that require external software or specialized RFID tags, the SmartID® system uses QR code scanning technology employed by smart phones and other mobile devices.



Each item in inventory is assigned a unique QR code; scanning this QR code directs the user to a web-based database record for that item.



From this record, users can easily find product details, view a virtual image of the product, and access complete inspection reports for the product—all in the same database record and all without the use of special software.

Key Features

No software installation or IT involvement required.

For mobile access, simply download any free QR reader app to your device.

No special hardware required. This means no costly upgrades of proprietary hardware or software.

Software available at no cost to hospital partners.

Tags are available for existing and new inventory at no extra cost.

Secure tier 4 cloud based storage.



ADDING NEW ITEMS TO YOUR INVENTORY DATABASE

Firstly, your database needs to be set up. We will send you a set up form to complete.

Labels are provided at NO CHARGE.

A ProtecX representative or your region distributor will assist in tagging existing items, entering data, and will train designated staff members to do so.

A small special adhesive label is applied in a location that does not come in contact with the wearer's skin, such as the top back which is protected by the wearer's scrubs.

The special adhesive is bonded with the surface of the product after a 48 hour "curing" time.



SmartID® ApronID™

Radiation Protection Shield
Bar-Ray Products, Inc.

90 E. Lakeview Drive • Littlestown, PA 17340 USA
Toll Free 800-359-6115* Phone 717-359-9100 www.bar-ray.com

<https://smartid.bar-ray.com/11>

Scan to track data

WHEN YOUR NEW PROTECX APRONS ARRIVE



When ordering your apron, ensure to choose SMART ID tag. Once we've completed your order, you will receive your aprons with a label pre-attached. Additionally all garment details will be pre-loaded into your database, and will show in your pending inventory list.

Just a simple scan of the QR code upon arrival and clicking:

- Click “Edit” at bottom of screen. Use the drop-down boxes to indicate “Location”, then “Department.”
- Click the “Scan Log” button at the bottom of the screen, then click “Pass or Fail” option after apron is tested.
- “ADD TO INVENTORY” This will activate your product and update all data pre-loaded at the ProtecX factory; which is sent to our partners, Bar Ray Products for upload.
- This process take about one to two minutes.

If you do not have access to a smartphone, tablet, or other mobile device, you can also activate your product by typing into the web browser on your computer the address at the bottom of each tag:

<https://smartid.bar-ray.com/8Z9Q>

DETAILED SCREEN FOR EACH PRODUCT

Protecx aprons will create and add all the necessary data ready and waiting for you to scan the QR code.

From this page you can delete or remove the item from the inventory database.

The screenshot displays a web interface for product management. The title bar reads 'PRODUCT INFO'. The main content area shows the following details for a 'Vari Weight Apron':

- QR Tag: 2s
- Manufacturer: Bar-Ray
- Manufacture Date: 2013-07-22
- Distributor: Your Distributor
- Catalog #: 65350N
- Product Type: Reverse Vest
- User: Admin
- Hospital: Bar-Ray
- Location: Hospital USA SurgiCenter
- Department: X-Ray
- Weight & Thickness: TrueLite .5mm Protection
- Color (outside): 505
- Color (inside): 3
- Sex: Unisex
- Lead: This product contains lead
- Lot #: 1
- Sales Order #: 1234
- Inventory Code: ABC123
- Chest: 42"
- Waist: 30"
- Hips: 40"
- Vest Length: 24
- Skirt Length:
- Apron Length:
- Notes: notes print here

Below the details are several action buttons:

- EDIT | SCAN LOG | PRINT
- RELABEL
- I WANT TO ORDER A REPLACEMENT
- REPORT AN ERROR
- REMOVE FROM INVENTORY
- DELETE RECORD

A QR code is located at the bottom center of the page. The footer contains the copyright notice '© 2014 Sanjay Products', a search icon, and a 'Logout' button.

SUPERUSER FEATURES

The Superuser is in charge of all the inventory of the whole system.

The Superuser can set up department users to help manage each department's inventory.

A simple set up form with some information needs to be provided to set up the account with SmartID.

The screenshot displays a web interface for managing user accounts. At the top, there is a dark blue header with a 'Back' button on the left and 'MY ACCOUNT' in the center. Below the header, the main content area is titled 'Manage User'. It contains several input fields and dropdown menus:

- Email:** A text input field.
- First:** A text input field.
- Last:** A text input field.
- Password:** A text input field.
- Confirm Password:** A text input field.
- Location:** A dropdown menu with the text '- SELECT -'.
- Department:** A dropdown menu with the text '- SELECT -'.
- Authorization Level:** A dropdown menu with the text 'DEPARTMENT'.
- Edit Inventory:** A dropdown menu with the text 'YES'.
- Log Scans:** A dropdown menu with the text 'YES'.
- Active:** A dropdown menu with the text 'YES'.

At the bottom of the page, there is a dark blue footer containing the copyright notice '© 2016 Ray-Ray Products', a 'Text' label, a magnifying glass icon, and a 'Logout' button on the right side.

COLOUR CODING

Items are color coded in your inventory by last inspection date.

The Superuser has the ability to set up notifications to show the coding time intervals.

SmartID will also notify you by email, at your specified intervals, when your product is nearing its inspection due date.

← Back
MY ACCOUNT ★

Notifications Off

First Warning THREE MONTHS BEFORE DUE ▼

Last Warning ONE MONTH BEFORE DUE ▼

Wide Belt	34		Bar-Ray	Hospital USA		Sue Singer	Bar-Ray	07/24/2013	07/24/2013
Wide Belt	35		Bar-Ray	Hospital USA		Dr. Long	Bar-Ray	07/24/2013	08/06/2014
Wide Belt	36		Bar-Ray	Hospital USA	X-Ray	Dr. Long	Bar-Ray	07/24/2013	08/11/2015
Alimed Apron	37		Bar-Ray	Hospital USA	IR		Bar-Ray	07/24/2013	06/15/2015
Nancy's	38		Bar-Ray	Hospital USA	Cath Lab		Bar-Ray	07/24/2013	06/18/2015
Thyroid Collar, Hook-and-Loop Closure	39		Bar-Ray	Hospital USA	Surgery		Bar-Ray	07/24/2013	07/24/2015
Vari-Weight	3f		GraphcomCreative	Rockville	Radiology	Troy Dean	Bar-Ray		Fail

ACTIVE INVENTORY

From this screen, you can search your inventory or sort it by any displayed column.

This screen will show you all of your current active inventory.

INVENTORY

EXPORT ALL

Hospital: BARBAR

Location: ALL

Department: ALL

ADD/LOCATE PRODUCT

ACTIVE INVENTORY (1-25 OF 49)

EXPORT SECTION

Product	QR Tag	Switch	Lead	Hospital	Location	Department	User	Inventory Code	Sales Order	Distributor	Manufacturer	Manufactured	Last Inspection Date
Frontal Apron BJC-123	10	No	No	Bar-Ray	Hospital USA	Cath Lab	General	BJC-123	1307164	MKR SOURCEONE	Bar-Ray	07/30/2013	07/26/2016
Tethered Thyroid Collar with Hook and Loop Fastener	15	No	No	Bar-Ray	Hospital USA	Surgery			1307164	X-RAY VISIONS	Bar-Ray	07/30/2013	11/18/2016
Hook and Loop Fastener - 12	17	No	Yes	Bar-Ray	Hospital USA	X-Ray	Dr. B	VIC10F1	1307196	MKR SOURCEONE	Bar-Ray	07/30/2013	10/11/2016
Standard Vap. with Hook and Loop Closure	18	No	No	Bar-Ray	Hospital USA	Cath Lab			1307195	MKR SOURCEONE	Bar-Ray	07/30/2013	07/26/2016
Standard Vap. with Hook and Loop Closure	19	No	No	Bar-Ray	Hospital USA	X-Ray	Dr. PAI	AD12145	1307195	MKR SOURCEONE	Bar-Ray	07/30/2013	04/20/2016
Standard Skirt - Black	16	No	No	Bar-Ray	Hospital USA	Cath Lab	Dr. SMITH		1307195	MKR SOURCEONE	Bar-Ray	07/30/2013	07/30/2016
Standard Vap. with Hook and Loop Closure	18	No	No	Bar-Ray	Hospital USA	Cath Lab	DODDLE	1234	1307195	MKR SOURCEONE	Bar-Ray	07/30/2013	09/12/2016
Thyroid Shield - Slack	14	No	No	Bar-Ray	Hospital USA	Cath Lab			1307195	MKR SOURCEONE	Bar-Ray	07/30/2013	06/17/2016
Vari Weight Screen	25	No	Yes	Bar-Ray	Hospital USA	X-Ray	Admin	ABC103	1234	CDWR-RAY INC	Bar-Ray	07/22/2013	06/05/2016
Vari Flex	30	No	No	Bar-Ray	Hospital USA	IR	Rory Miller		1307154	X-RAY VISIONS	Bar-Ray	07/24/2013	11/17/2016
Wide Belt	34	Yes	Yes	Bar-Ray	Hospital USA	Cath Lab	Sue Singer		1307155	CARDIO MEDICAL PRODUCTS	Bar-Ray	07/24/2013	11/10/2016
Wide Belt	36	Yes	Yes	Bar-Ray	Hospital USA	X-Ray	Dr. Long		1307155	CARDIO MEDICAL PRODUCTS	Bar-Ray	07/24/2013	06/11/2016
Black Frontal	32	Yes	Yes	Bar-Ray	Hospital USA	IR	Dr. Amy	abcd	1307156	CARDIO MEDICAL PRODUCTS	Bar-Ray	07/24/2013	06/16/2016
Nancy's	38	Yes	Yes	Bar-Ray	Hospital USA	Cath Lab			1307156	CARDIO MEDICAL PRODUCTS	Bar-Ray	07/24/2013	06/16/2016
Thyroid Collar with Hook and Loop Closure	40	No	No	Bar-Ray	Hospital USA	X-Ray			1307156	CARDIO MEDICAL PRODUCTS	Bar-Ray	07/24/2013	07/23/2016
Tethered Thyroid Collar with Hook and Loop Fastener	43	No	No	Bar-Ray	Hospital USA	Cath Lab			1307156	CARDIO MEDICAL PRODUCTS	Bar-Ray	07/24/2013	10/16/2016
Standard Skirt	53	No	No	Bar-Ray	Hospital USA	IR			1307157	CDWR-RAY INC	Bar-Ray	07/24/2013	06/08/2016
Wide Belt Wrap Around	73	No	No	Bar-Ray	Hospital USA	Cath Lab	DR. Jones		1307159	MKR SOURCEONE	Bar-Ray	07/24/2013	10/23/2016
Wide Belt Wrap Around	74	No	No	Bar-Ray	Hospital USA	Cath Lab			1307159	MKR SOURCEONE	Bar-Ray	07/24/2013	12/09/2016
Standard Vap. with Hook and Loop Closure	82	No	No	Bar-Ray	Hospital USA	TEST	tot of owner			CDAMON/WEALTH X-RAY	Bar-Ray	02/15/2016	02/15/2016
REVERSE VEST	88	No	No	Bar-Ray	Hospital USA	Cath Lab	test	qw	1234	CLARLIN EQUIP	Bar-Ray	06/04/2004	01/25/2016
Yicki Rhedo Thyroid collar	106	No	No	Bar-Ray	Hospital USA	TEST	Yicki Rhedo Thyroid collar	cow's old #	444603	RADIATION SERVICES OF INDIANA	Bar-Ray	04/16/2016	11/03/2016
Reck's Thyroid	130	No	No	Bar-Ray	Hospital USA	TEST	becky	becky green thyroid	12345	MKR SOURCEONE	Bar-Ray	02/13/2014	12/16/2016
Vari-Info	130u	No	No	Bar-Ray	Hospital USA	Cath Lab				MKR SOURCEONE	Bar-Ray		09/28/2016
Standard Vap. Reverse Wrap Around	138u	No	No	Bar-Ray	Hospital USA	X-Ray				CARDIO MEDICAL PRODUCTS	Bar-Ray		10/13/2016

SHOWING: 25

EXPORT SECTION

REMOVED INVENTORY

Removed Inventory is where all products that are taken out of service and failed inspection are stored.

Removed Inventory will always show a record and will never be deleted.

INVENTORY

EXPORT ALL

Hospital: BAR-RAY

Location: ALL

Department: ALL

ADD/LOCATE PRODUCT

+ ACTIVE INVENTORY (1-49 OF 49)

+ PENDING INVENTORY (1)

- REMOVED INVENTORY (1-8 OF 8)

EXPORT SECTION

The following items are only removed from your active list.

Product	QR Tag	Switch	Lead	Hospital	Location	Department	User	Inventory Code	Sales Order	Distributor	Manufacturer	Manufactured	Last Inspection Date
Thyroid shield, blue	13	Yes	Yes	Bar-Ray	Hospital USA Surg Center	X-Ray			130755	MXR SourceOne	Bar-Ray	07/30/2013	11/18/2014
Standard Vest with Hook-and-Loop Closure	1c	No	No	Bar-Ray	Hospital USA	Cath Lab	Dr. Max		130755	MXR SourceOne	Bar-Ray	07/30/2013	10/01/2014
Thyroid Collar with Hook-and-Loop Closure	38	Yes	Yes	Bar-Ray	Hospital USA Surg Center	Surgery			130755	MXR SourceOne	Bar-Ray	07/24/2013	07/24/2014 Fail
Voice Belt Wrap Around	22	No	No	Bar-Ray	Hospital USA	X-Ray			130759	MXR SourceOne	Bar-Ray	07/24/2013	07/24/2014
Standard Skirt	80	No	No	Bar-Ray	Hospital USA	X-Ray			130759	MXR SourceOne	Bar-Ray	07/24/2013	08/19/2014 Fail
Standard Vest	18c	No	No	Bar-Ray	Hospital USA	X-Ray	Kyle Bartlett	UnityPoint 1234	1114903	MXR SourceOne	Bar-Ray	03/19/2014	05/07/2014 Fail
Red Apron	43b	No	No	Bar-Ray	Hospital USA	TEST	Dr. McCarthy	Q154321	910546	MXR SourceOne	AABCO	10/06/2009	07/16/2014 Fail
Thyroid shield, blue diamond	200c	No	No	Bar-Ray	Hospital USA	Cath Lab	Dr. Oik	CL - 43		MXR SourceOne	AABCO		12/04/2014 Fail

SHOWING: 100

EXPORT SECTION

ADD/LOCATE PRODUCT

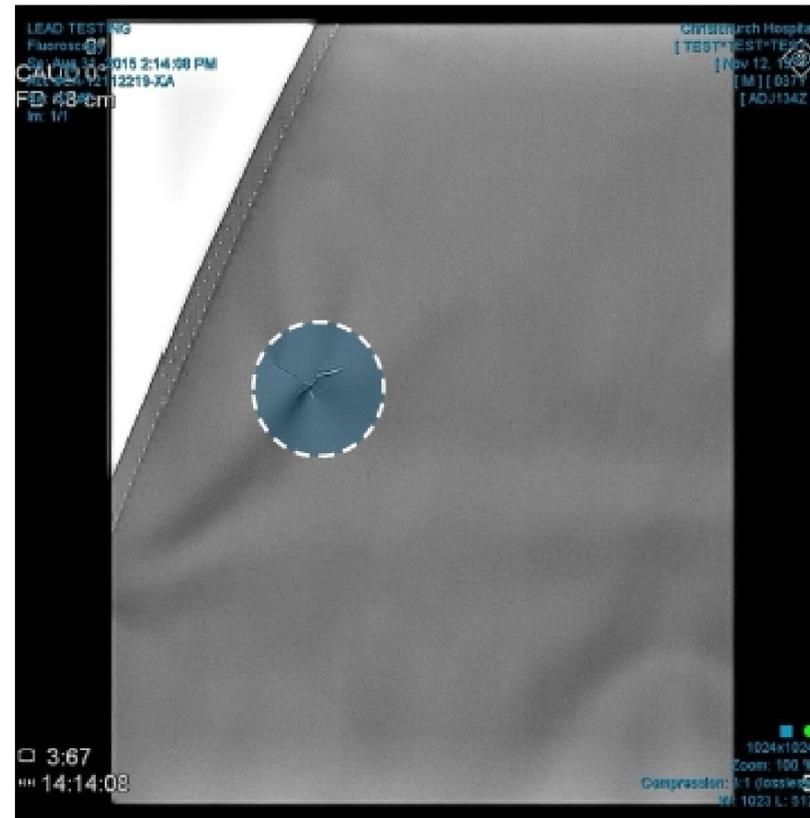
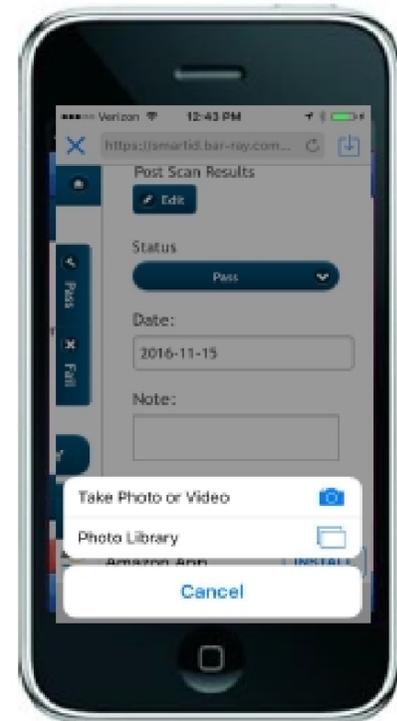
COLOR LEGEND PRINT

THE SCAN LOG

The Scan Log stores the entire inspection history of your apron. At each inspection, simply select the “Pass or Fail” button.

The user’s name and date is then automatically recorded in the log after hitting the “Update Scan Results” button, all of which may be done from your mobile device.

The date can be edited if the apron was already previously tested. If there is a suspicious area found, an image may be uploaded to the Scan Log for an RPA or Supervisor to review directly from your mobile device.



No recorded testing has occurred on this item since it was manufactured.

Post Scan Results

[Edit](#)

Status

Pass

Date:

2015-09-09

Note:

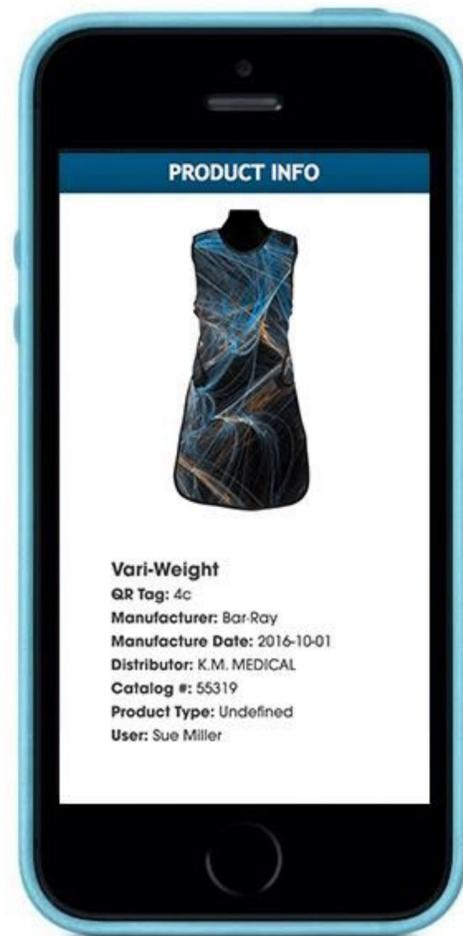
Image:

[Choose File](#) No file chosen

[Update Scan Results](#)

[Close](#)

OTHER FEATURES



EASY TO EXPORT: With SmartID, your data is always available. Easily export your complete inventory or a customized report to an Excel file any time, whether just for extra backup, or to import to another management program. The data can be sorted by department or by items on the list

PRINT SINGLE ITEMS: Easily print an information report, with Scan Log, for each item in your inventory by simply clicking the print button on the item page. This can be used to order new aprons with all the details at your finger tips.

UPDATE QR CODES: If a QR code number is entered incorrectly you can use the delete record button that can be found on the Product Information Screen. This will allow you to delete the incorrect QR code and put in the proper QR code number. If a label has been removed, or needs to be changed, or is no longer visible you can use the “Relabel” button. This will allow you to go into your inventory screen under Product Information and click the “Relabel” button and assign the old QR code number with a new QR code number.



SMARTID[®]

Hosted by our partners



THE PARTNERS YOU CAN
TRUST FOR YOUR
RADIATION PROTECTION

WANT TO TRY IT OUT?

Visit: smartid@bar-ray.com
username: smartid@bar-ray.com
password: test123