

INTEGRATED WEAPON MANAGEMENT SYSTEM

Barcode/RF ID based Integrated Weapon Management System



State of the Art Weapon Management System with HD Web Camera to automate the reporting and allotment of bar-coded /RF ID Tagged weapons to police/ personal after biometric (fingerprint/Facial) authentication.

The main purpose of WMS for managing the firearms requirements of any organization, ranging in size from small Departments to large City Police Departments and are diverse in nature including small shopping mall security companies, local government Police Departments, government agencies and military / Special Forces.

I BIOS Integrated Weapon Management System is user friendly and can be 100% customised as per user requirement.

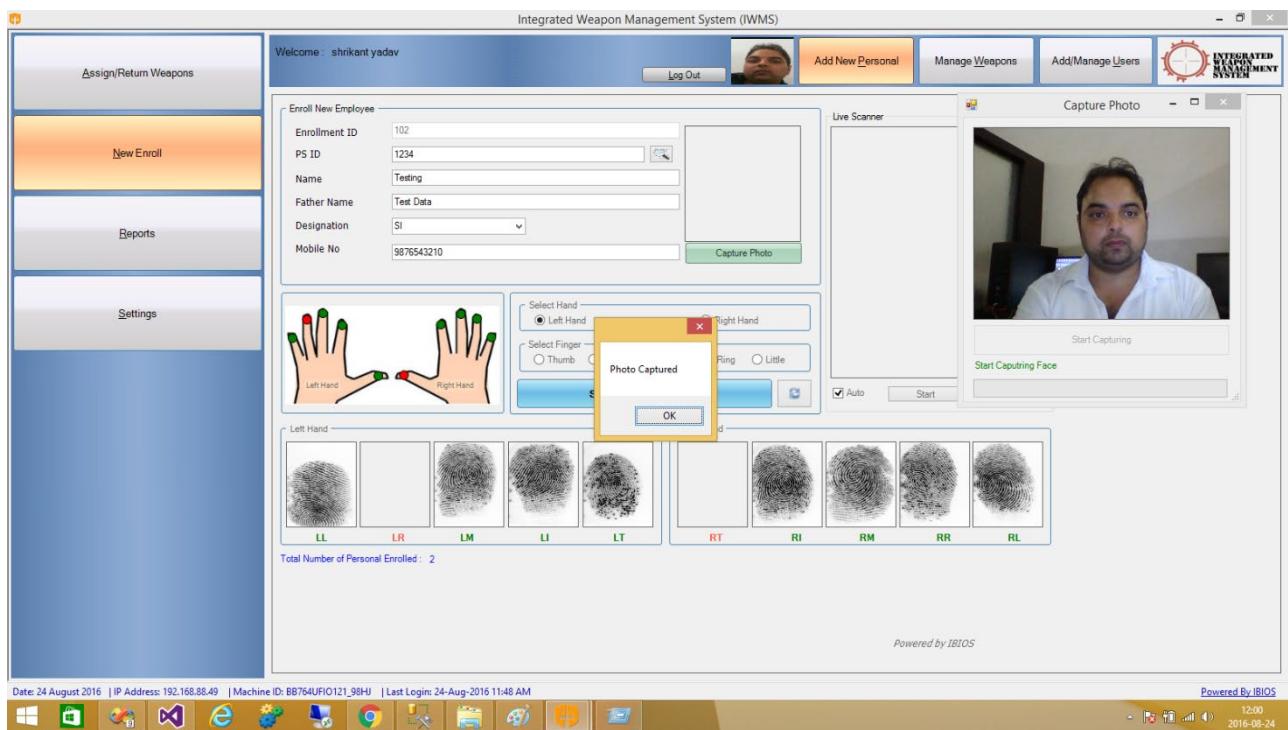
Followings are the main modules.

1. Roster (personnel) Enrolment Module
2. Firearms Inventory (static & dynamic) Module
3. Ammunition Inventory (static & dynamic) Module
4. Duty / Deployment Allotment Module
5. Firearms Allotment /Return Module:
6. Reporting Module
7. Barcode Printing Module:
8. RFID TAG Allotment / Reading Module.
9. Encryption & Security Modules of Application

1. Roster (personnel) Enrolment Module:

All organizations need to track personnel information. The ROSTER section of I BIOS WMS is the core element of the program since firearms, qualifications, training and ammunition all revolve around the personnel.

The roster is created by inputting Biometric (fingerprint), Photographic & Demographic details of the personnel in to a secured and encrypted database including the biometric templates.



2. Firearms Inventory (static & dynamic) Module:

Since firearms and equipment are major concerns for a weapons management program, the firearms and equipment inventory sections have several levels of detail, specifically:

Static Inventory

This section allows the user to determine where the weapon or equipment is at any moment in time. Is the item in stock and, if so, at which stocking location? If the item has been issued to an officer or agent, IBIOS WMS will list the person's name and indicate when it was issued. If the item has been received for repair, IBIOS WMS will show when it was received, where it is located, what needs to be done for repair and even if it has been shipped out for repair and when.

Dynamic Inventory

This module allows the user to obtain a complete chronological transfer history of where the item has been since it's been included in the program. Simply select the item by its serial number and a screen listing and paper print out will be provided for review.

Integrated Weapon Management System (IWMS)

Welcome : shrikant yadav

Log Out Add New Personal Manage Weapons Add/Manage Users

New Enroll

Reports

Settings

Add New Weapon Add New Model

Weapon Class: Handguns ID: 0004 Model Name: Heckler & Koch P11 Total Ammunition: 200 Per Machine Ammunition: 5 Servicing Required: 1 Month

Browse Capture Add Update Delete Refresh

Total Weapon Models -> 17

S.No	Weapon Class	Model Name	Total Ammunition	Per Machine Ammunition	Servicing Required
1	Handguns	Beretta M9	1000	15	1 Month
2	Handguns	Kimber 10B	1000	8	1 Month
3	Handguns	Colt Rail Gun	500	7	1 Month
4	Handguns	Heckler & Koch P11	200	5	1 Month
5	Shotguns	Benelli M4 Super 90	200	7	1 Month
6	Shotguns	Mossberg 500	200	8	1 Month
7	Submachine Guns	Heckler & Koch MP5A3	5000	30	1 Month
8	Submachine Guns	Heckler & Koch MP5K	100000	1530	1 Month
9	Submachine Guns	Heckler & Koch MP7A1	200000	2040	1 Month
10	Rifles	M231 Firing Port Weapon	1500	30	1 Month

Beretta M9
Mossberg 500
Heckler Koch MP5A3

Add New Class

Date: 24 August 2016 | IP Address: 192.168.88.49 | Machine ID: BB764UFI0121_98HJ | Last Login: 24-Aug-2016 11:48 AM Powered By IBIOS

Windows Start Taskbar Icons Date: 24-Aug-2016 12:01 2016-08-24

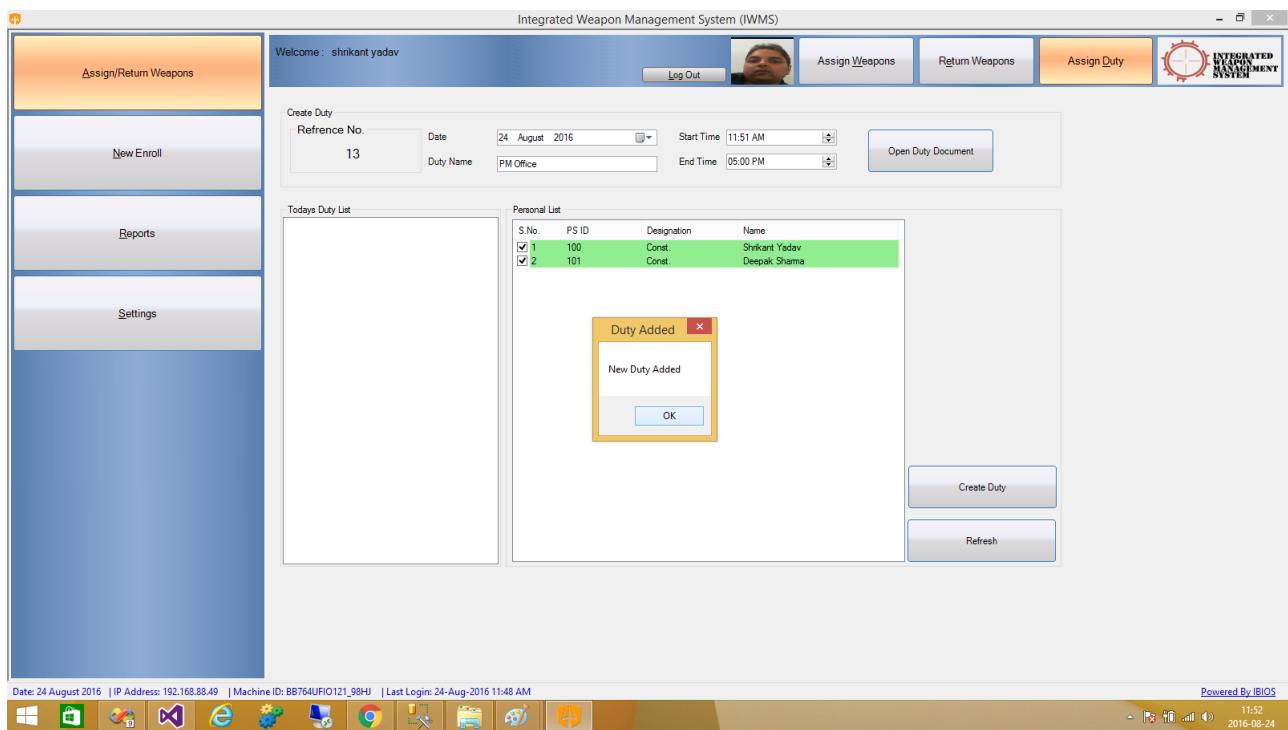
3. Ammunition Inventory (Static & Dynamic) Module:

The ammunition section allows the user to track ammunition in stock as well as any ammunition that has been issued and to whom.

4. Duty / Deployment Allotment Module:

Duty / Deployment of personnel is created on the basis of very secure and encrypted Online duty module. No hard paper duty slip /letter is required. The module automatically reads the encrypted duty chart on LAN/WAN or any other closed and secure network.

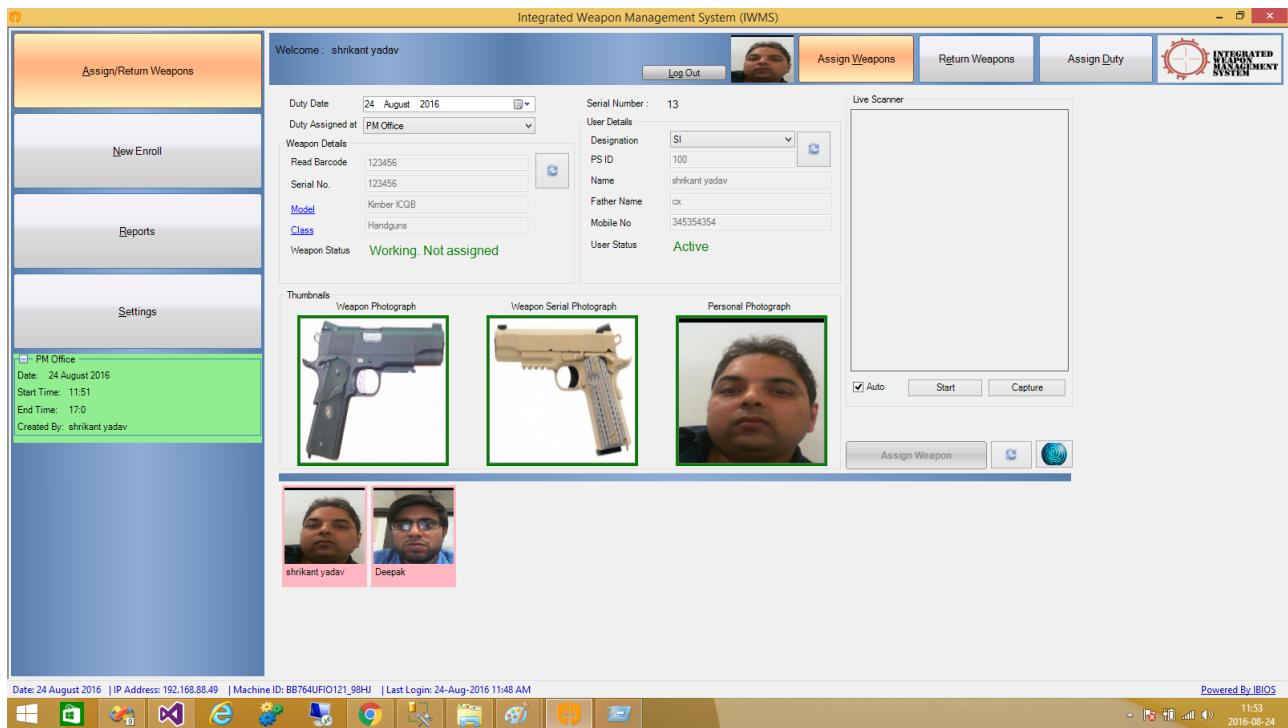
Allotment list can also be created by reading the Doc/pdf files. i.e. the application automatically read the name, ID, duty arrangements from MS. Doc or PDF format file just by importing the soft copy of letter into the application. Adequate security features are incorporated so that these should not be any scope for interpolation in arrangement copy.

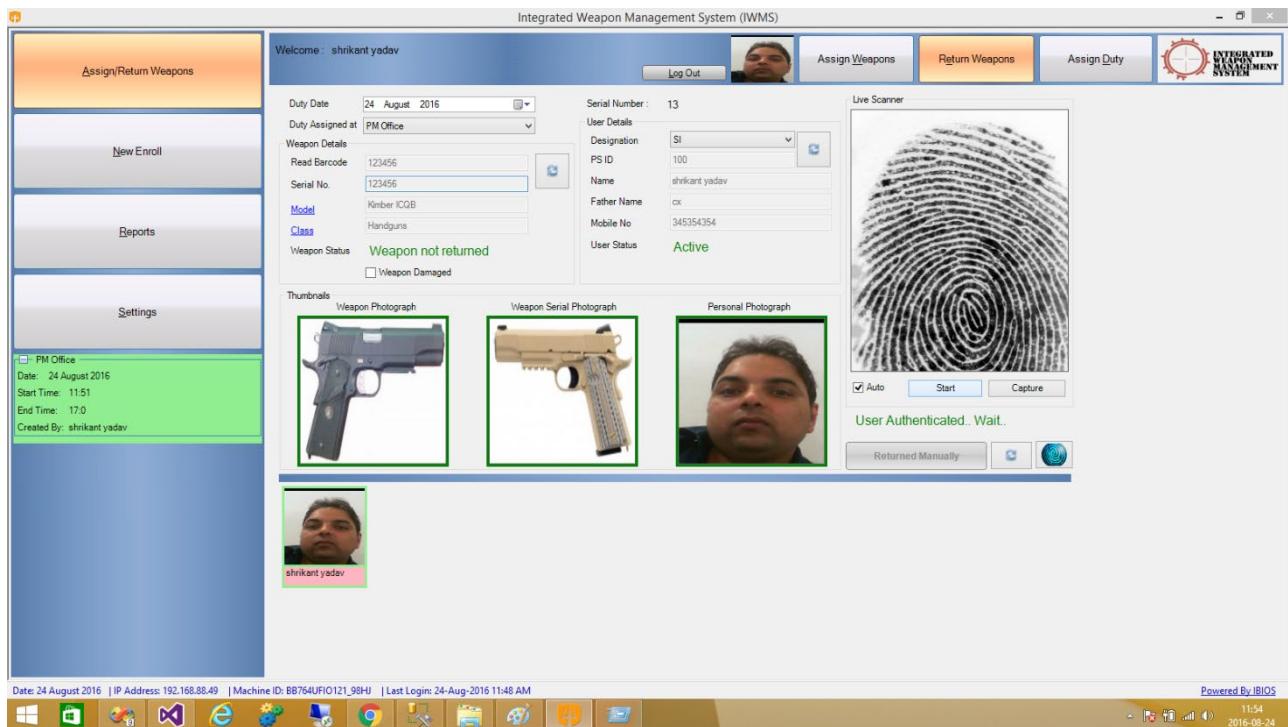


5. Firearms Allotment /Return Module:

This section allows the user to quickly issue firearms and equipment from any stocking location or receive items back from an individual to be placed into stock or designated for repair. Receipt and Issue paperwork is generated automatically with the ability to add specific notes for any associated items that may be included with the item as part of the transfer.

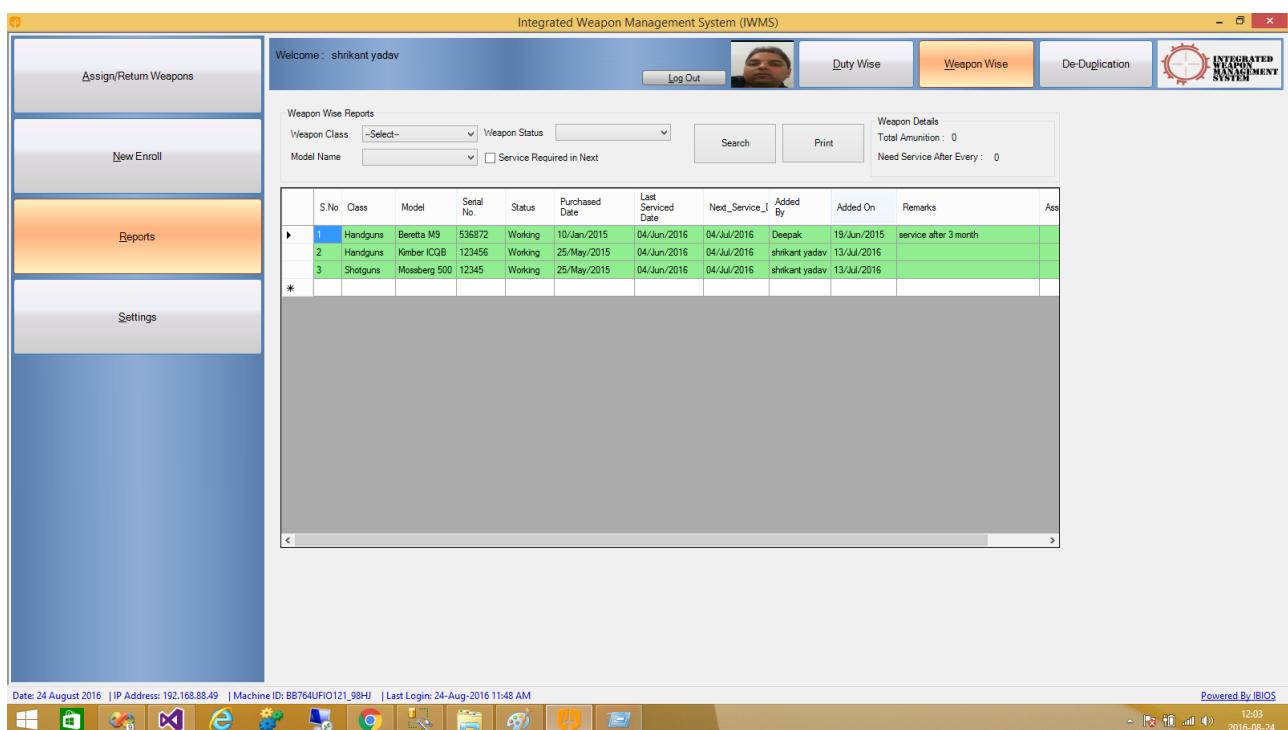
The allotment /return is done on the basis of biometric authentication of the roster.





6. Reporting Module:

Various type of customized reports as per requirement of the user can be printed /viewed.



7. Barcode Printing Module:

This module intends to print Barcode based tamperproof and endure of stickers in customized format through the application software using standard barcode printer.

8. RFID TAG Allotment / Reading Module

This module intends to allot RF ID tags to weapon for identification.

9. Encryption & Security Modules of Application (IBIOS WMS)

- Login through “Two Factor Authentication” (Username -Password + Biometrics)
- Role base User-Login /Management.