

IXM WEB Integration with Genetec Security Center

Installation Instructions

V3.0



Table of Contents

1.	Introduction	9
	Purpose	
	Summary of key features related to this IXM WEB and GSC Integration	
	Description	
	Acronyms	
	Field Mappings	
2.	Compatibility	10
	Invixium Readers	10
	Software Requirements	10
	Other Requirements	
	Compatibility Matrix for IXM WEB & Security Center Integration	11
3.	Checklist	12
4.	Task List Summary	12
5.	Prerequisites for GSC and IXM WEB Integration	13
•-	Setting up Web-based SDK	
6.	Prerequisites for Installing Invixium IXM WEB Software	14
-	Acquiring IXM WEB Activation Key	
	Setting Up SQL instance	
	Minor Checklist and Considerations	
7.	Installing IXM WEB	21
	Software Install	
8	Configuring Email Settings using IXM WEB	20
٥.	Email Setting Configuration	
^	Software and Module Activation	2.4
9.	IXM WEB Activation	
	Security Center Module Activation	
	Security Certier Module Activation	37
10). Configuring IXM Link for Genetec	40
11	. Installing IXM WEB Add-On	45



Download IXM WEB Add-On exe	45
Install IXM WEB Add-On	48
12. Create System User(s) for Biometric Enrollment	52
Creating System User(s) for Biometric Enrollment	
13. Add and Configure Invixium Readers	56
Adding an Invixium Reader in IXM WEB	56
14. Adding an Invixium Device to a Device Group	61
Configuring Wiegand to Assign Invixium Readers	62
Assign Wiegand to Invixium Readers	65
Configuring Panel Feedback with Genetec	69
Configuring Thermal Settings	71
Thermal Calibration	75
Test Calibration Options	79
Change Temperature Unit Settings	80
Configuring Mask Authentication Settings	82
15. Enrollment using Genetec Config Tool	85
16. Enrollment Best Practices	89
Fingerprint Enrollment Best Practices	89
Avoid Poor Fingerprint Conditions	89
Fingerprint Image Samples	90
Fingerprint Imaging Do's and Don'ts	91
Finger Vein Enrollment Best Practices	92
Face Enrollment Best Practices	93
17. Configuring RIO Settings	94
Configuring RIO in Config Tool of GSC	94
Configuring RIO in IXM WEB	101
Configuring Invixium Device and Door in Config Tool	103
Monitoring Events and alarms	108
18. Appendix	111
Installing Invixium IXM WEB with Default Installation using SQL Server 20	
Pushing Configuration to Multiple Invixium Readers	
Configuring for OSDP Connection	
Wiring and Termination	124



Wiring	125
Wiegand Connection	127
Wiegand Connection with Panel Feedback	128
OSDP Connections	129
19. Troubleshooting	130
Reader Offline from the IXM WEB Dashboard	
Elevated Body Temperature Denied Access but Granted Access in Security Center	133
Logs in IXM WEB Application	
Unable to connect to the Genetec Server	136
20. Support	138
21. Disclaimer and Restrictions	138
List of Figures	
Figure 1: IXM WEB Online Request Form	14
Figure 2: Sample Email After Submitting Online Request Form	15
Figure 3: SQL New Login	17
Figure 4: SQL Login Properties	18
Figure 5: SQL Server Roles	19
Figure 6: IXM WEB Installer	21
Figure 7: Advanced Options in IXM WEB Installer	22
Figure 8: Invixium Fingerprint Driver Installation Message	23
Figure 9: IXM WEB Installation Progress	23
Figure 10: IXM WEB Installation Completed	24
Figure 11: IXM WEB Icon - Desktop Shortcut	25
Figure 12: IXM WEB Database Configuration	25
Figure 13: IXM WEB Administrator User Configuration	26
Figure 14: IXM WEB Login Page	28
Figure 15: Configure Email	29
Figure 16: IXM WEB - SMTP Settings	
Figure 17: IXM WEB - Save Email Settings	
Figure 18: IXM WEB - Test Connection	
Figure 19: IXM WFB - Enter Email ID	32



Figure 20: IXM WEB - Forgot Password	33
Figure 21: IXM WEB - Enter Login Credentials	34
Figure 22: IXM WEB - License Setup	35
Figure 23: IXM WEB - Online Activation	36
Figure 24: IXM WEB - Genetec Link Activation	37
Figure 25: Genetec License Key Email	38
Figure 26: IXM WEB - Activate Genetec Link License	39
Figure 27: IXM WEB - Link Menu	
Figure 28: IXM WEB - Enable Genetec Link Module	41
Figure 29: IXM WEB – Link Settings Saved	43
Figure 30: IXM WEB - Sync Activities	43
Figure 31: IXM WEB - Enter Login Credentials	45
Figure 32: IXM WEB – Link Menu	
Figure 33: IXM WEB – Download IXM WEB Add-On	47
Figure 34: IXM WEB – Add-On Setup Wizard	48
Figure 35: IXM WEB – Select Installation Folder	49
Figure 36: IXM WEB – Confirm Installation	50
Figure 37: IXM WEB – Add-On Installation Complete	
Figure 38: IXM WEB - Create System User	52
Figure 39: IXM WEB - Add New System User	53
Figure 40: IXM WEB - New System User	54
Figure 41: IXM WEB - Save System User	
Figure 42: IXM WEB - Devices Tab	56
Figure 43: IXM WEB - Search Device Using IP Address	
Figure 44: IXM WEB - Register Device	58
Figure 45: IXM WEB - Device Registration Complete	
Figure 46: IXM WEB - Dashboard, Device Status	60
Figure 47: IXM WEB - Assign Device Group	61
Figure 48: IXM WEB - Create Wiegand Format	62
Figure 49: IXM WEB - Create Custom Wiegand Format	
Figure 50: IXM WEB - Custom Wiegand Format	
Figure 51: IXM WEB – Custom Wiegand Format Created	
Figure 52: IXM WEB - Upload Wiegand Format	64
Figure 53: IXM WEB - Navigate to Access Control Tab	
Figure 54: IXM WEB - Wiegand Output	
Figure 55: IXM WEB - Save Output Wiegand	
Figure 56: IXM WEB - Panel Feedback	69



Figure 57: IXM WEB - Configuring Panel Feedback in IXM WEB	70
Figure 58: IXM WEB - Save Panel Feedback	70
Figure 59: IXM WEB - Thermal Settings	71
Figure 60: IXM WEB - Save Thermal Settings	74
Figure 61: IXM WEB - Thermal Calibration Settings	75
Figure 62: IXM WEB - Save Thermal Calibration Settings	76
Figure 63: IXM WEB - Capture Thermal Data	77
Figure 64: IXM WEB - Save Captured Thermal Data	78
Figure 65: IXM WEB - Test Thermal Calibration	79
Figure 66: IXM WEB - Option to Change Temperature Unit	80
Figure 67: IXM WEB - Save Temperature Unit Setting	81
Figure 68: IXM WEB - Mask Authentication Settings	82
Figure 69: IXM WEB - Save Mask Settings	84
Figure 70: IXM WEB – Config Tool Logon	85
Figure 71: IXM WEB – Configure IXM WEB URL	86
Figure 72: IXM WEB – First Time Log In	87
Figure 73: IXM WEB – Enrollment Viewer	
Figure 74: Fingerprint Enrollment Best Practices	89
Figure 75: Fingerprint Images Samples	90
Figure 76: Finger Vein Enrollment Best Practices	
Figure 77: Face Enrollment Best Practices	
Figure 78: Config Tool – Access Control	94
Figure 79: Config Tool – Access Manager	95
Figure 80: Config Tool – Add Access Manager	96
Figure 81: Config Tool – Access Manager created	97
Figure 82: Config Tool – Add Access Control Unit	98
Figure 83: Config Tool – Creating Access Control Unit	99
Figure 84: Config Tool – Access Control Unit created	
Figure 85: IXM WEB – RIO Settings	101
Figure 86: IXM WEB – Channel	102
Figure 87: Config Tool – Peripherals	103
Figure 88: Config Tool – Creating a Door	104
Figure 89: Config Tool – Door Information	104
Figure 90: Config Tool – Door is created	
Figure 91: Config Tool – Configuring Door	106
Figure 92: Config Tool – Access Rule	
Figure 93: Security Desk – Monitoring	108



Figure 94: Security Desk – View Area	109
Figure 95: Security Desk – Access Granted	110
Figure 96: Install IXM WEB	111
Figure 97: Loading SQL Express & Installation Progress	112
Figure 98: IXM WEB - Shortcut Icon on Desktop	113
Figure 99: IXM WEB - Configuring IXM WEB Database	113
Figure 100: IXM WEB - Select Database Name	114
Figure 101: IXM WEB - Server URL format	114
Figure 102: IXM WEB - Broadcast Option	116
Figure 103: IXM WEB - Wiegand Output Selection in Broadcast	116
Figure 104: IXM WEB - Broadcast Wiegand Output Settings	117
Figure 105: IXM WEB - Broadcast to Devices	118
Figure 106: IXM WEB - OSDP Settings	119
Figure 107: IXM WEB - Save OSDP Settings	122
Figure 108: IXM WEB - Edit Device	122
Figure 109: IXM WEB - Edit Device Options	123
Figure 110: IXM WEB - Disable Panel Feedback	123
Figure 111: Earth Ground Wiring	124
Figure 112: IXM TITAN – Top & Bottom Connector Wiring	125
Figure 113: Power, Wiegand & OSDP Wires	126
Figure 114: IXM TITAN - Wiegand	127
Figure 115: IXM TITAN - Panel Feedback	128
Figure 116: IXM TITAN - OSDP Connections	129
Figure 117: IXM WEB - Device Communication Settings	130
Figure 118: IXM WEB - Server URL Setting	131
Figure 119: IXM WEB - Server URL Setting	131
Figure 120: IXM WEB - Server URL Setting from General Settings	132
Figure 121: IXM WEB - Server URL Setting from General Settings	132
Figure 122: IXM WEB - Thermal Authentication Wiegand Output Event	133
Figure 123: IXM WEB - Thermal Authentication Wiegand Output Event	133
Figure 124: IXM WEB - Enable Device Logs	134
Figure 125: Save Device Log File	134
Figure 126: Save Device Log File	135
Figure 127: IXM WEB - Licence Module	136
Figure 128: IXM WEB - Genetec Link Module	137



List of Tables

Table 1: Compatibility Matrix for IXM WEB & Genetec Integration	11
Table 2: Task List Summary	12
Table 3: System Related Checklist	20
Table 4: Port Information	
Table 5: IXM WEB - OSDP Configuration Options	121
Table 6: IXM WEB - OSDP Text Options	
Table 7: Logs Folder Location	135



1. Introduction

Purpose

This document outlines the process of configuring the software integration between Genetec Security Center (GSC) and Invixium's IXM WEB.

Summary of key features related to this IXM WEB and GSC Integration

- Setting Web-based SDK
- 'Sync All' feature to resynchronize the database from GSC to IXM WEB
- 'IXM WEB AddOn' facility for Biometric Enrollment from GSC
- Multiple Card Support upto 10 cards (default card formats of GSC)
- RIO Integration for wireless connection

Description

IXM Link, a licensed module in IXM WEB, is required to synchronize the user database between IXM WEB (where biometric enrollment for users is performed) and Genetec Security Center Software (where access rules for the users and the organization are managed).

Note: To activate IXM Link within IXM WEB, the installer must contact Invixium Support at support@invixium.com to obtain the activation key.

The following sections will describe how to set up and configure IXM Link to keep IXM WEB users in sync with Security Center by using Genetec Web-based SDK.

Acronyms

Acronym	Description
ACPCS	Access Control Panel Configuration Software
GSC	Genetec Security Center
IXM	Invixium

Field Mappings

The following are the GSC fields that are mapped to IXM WEB:



GSC Field	IXM Field	Notes
First name	First Name	
Last name	Last Name	
Status	Suspend User	
Activation	Start Date	
Expiration	End Date	
Card Number	Prox ID/Smart Card ID	Prox ID is given priority during export
Facility Code	Facility Code	
Email Address	Email	
Bypass antipassback rules	Anti-passback	

Note: Multiple Cards - GSC can have multiple cards per user, and IXM WEB supports a maximum of 10 cards per user. IXM Link selects the available valid cards.

2. Compatibility

Invixium Readers

TITAN	TFACE	TOUCH2	SENSE2	MERGE2	MYCRO
All models					

Software Requirements

Application	Version
Genetec Security Center	v5.10.3
Invixium IXM WEB	2.3.0.0
Operating Systems	Windows 10 (Build 1709+) Professional
	Version
	Windows Server 2016 Standard
	Windows Server 2019
	Supported but not recommended:
	(legacy)



	Windows 8.1
	Windows Server 2012 R2
	Windows Server 2012
Microsoft .NET Framework	.NET Framework 4.8
Database Engine	SQL Server 2016+ Supported but not recommended: (legacy) SQL server 2014 Express Edition (Default Installation)
Internet Information Services (IIS)	Microsoft® Internet Information Services version 7.5 or higher
Web Browser	Google Chrome Mozilla Firefox Microsoft Edge (Internet Explorer not recommended)

Other Requirements

Server	2.4 GHz Intel Pentium or higher
RAM	8 GB or higher
Networking	10/100Mbps Ethernet connections

Note: Server requirements mentioned are ideal for 10-15 devices registered with 500 employees or fewer. For large enterprise installation server requirements, contact support@invixium.com.

Compatibility Matrix for IXM WEB & Security Center Integration

IXM WEB version	GSC version	Compatible
IXM WEB 2.2.57.0	v5.9.1	Yes
IXM WEB 2.2.57.0	v5.10.3	Yes
IXM WEB 2.2.224.0	v.5.9.1	Yes
IXM WEB 2.2.224.0	v5.10.3	Yes
IXM WEB 2.2.252.0	v5.10.3	Yes
IXM WEB 2.2.330.0	v5.10.3	Yes
IXM WEB 2.3.0.0	v5.10.3	Yes

Table 1: Compatibility Matrix for IXM WEB & Genetec Integration





3. Checklist

Item List	Interface
Create Web-based SDK	Genetec
IXM WEB Activation ID	Invixium
SQL Instance on SQL Server 2016+	Invixium
Install IXM WEB Application	Invixium
IXM WEB and IXM Link Activation	Invixium
Configure IXM Link to Genetec	Invixium
Configure Invixium Reader	Invixium
Face or Finger Enrollment	Invixium

4. Task List Summary

Task	IXM WEB Application Task List using IXM WEB	Genetec Security Center Task List using GSC
1	Activate IXM WEB and IXM Link for GSC	Create Web-based SDK
2	Configure IXM Link for GSC	First time enrollment configuration
3	Register IXM Devices and configure settings as per the requirement	Enroll cardholder biometric (Face, fingerprint, finger vein)
4	Configure Weigand or OSDP or RIO settings in device for integration with Genetec Synergies appliance	Configuring door for RIO integration
5	Assign a specific Device Group to the device	Monitor Events and Generate Report

Table 2: Task List Summary



5. Prerequisites for GSC and IXM WEB Integration

Setting up Web-based SDK

Procedure

STEP 1

Navigate to System → Roles → Click Web-based SDK

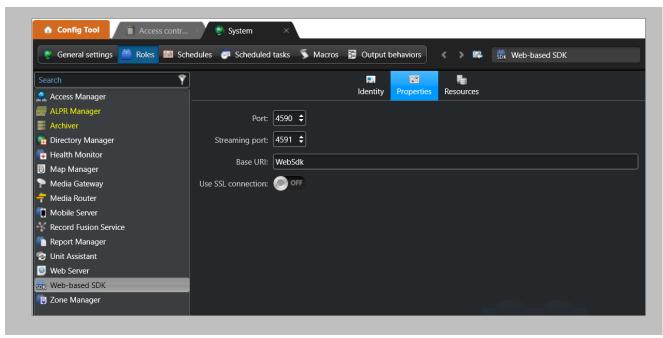


Figure 1: GSC - Setting up Web-Based SDK



6. Prerequisites for Installing Invixium IXM WEB Software

Acquiring IXM WEB Activation Key

Procedure

STEP 1

Complete the online form to receive instructions on how to download IXM WEB: https://www.invixium.com/download-ixm-web/.

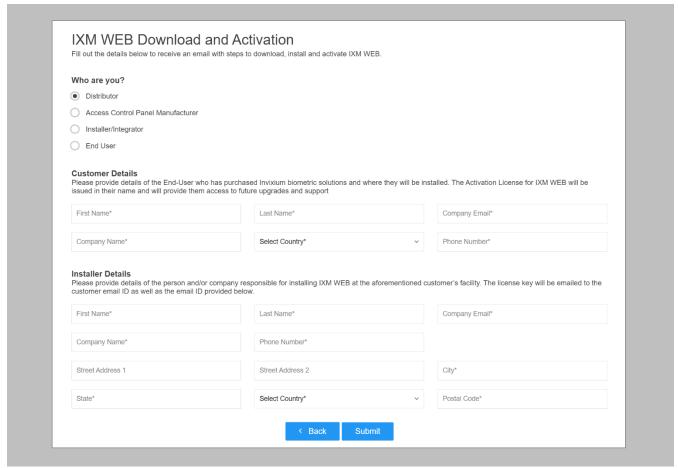


Figure 1: IXM WEB Online Request Form



After submitting the completed form, an email will be sent with instructions from support@invixium.com to the email ID specified in the form.

Please ensure to check the spam or junk folder.

See below for a sample of the email that includes instructions on how to download and install IXM WEB along with your Activation ID.

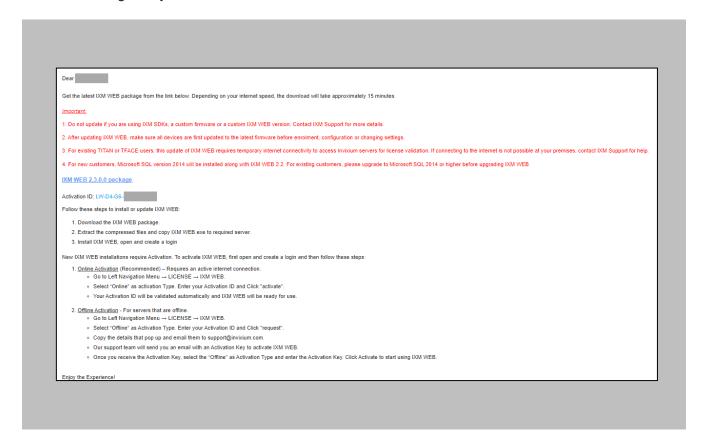


Figure 2: Sample Email After Submitting Online Request Form



Setting Up SQL instance

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Note: The following section describes the setup of a pre-created instance of SQL 2016+. Creating a new instance can be done with the use of SQL Installer within the Security Center installation media kit.

Procedure

STEP 1

Make sure to **Create** a new SQL instance on the server.

STEP 2

Set the instance name as IXM WEB (default) or Invixium.

STEP 3

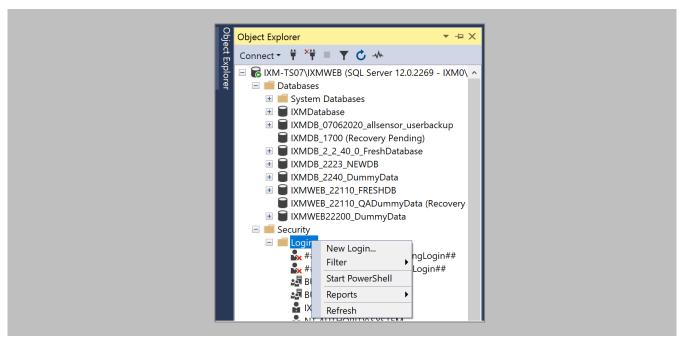
Select mixed mode: SQL Authentication and Windows Authentication for secure logins. Leave everything else as default.

STEP 4

Install SQL Management Studio on the server.



Log into the new instance and create a new user.



Note: Make sure to uncheck both 'Enforce password expiration' and 'User must change password at next login'.



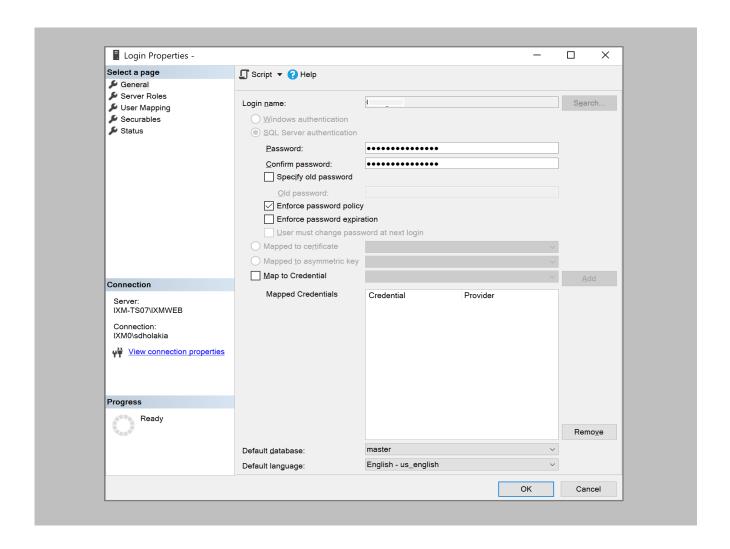


Figure 4: SQL Login Properties



Add this user under Server Roles, dbcreator, and sysadmin.

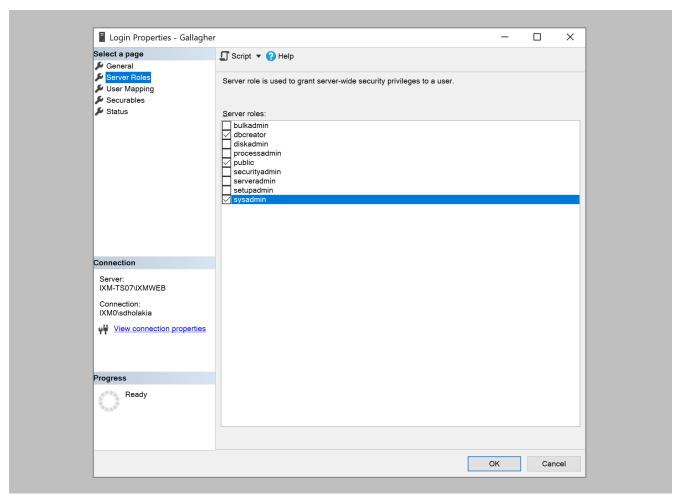


Figure 5: SQL Server Roles

RESULT

These privileges will be used later in the installation process to create the database.



Minor Checklist and Considerations

Use these tables to verify that you have carried out all required steps.

Other Minor Checklist	
	Windows Operating system needs to be up to date.
Windows Updates	System updates should not be pending. If any update is downloaded, you will have to restart the system to complete the Windows update.
User Privileges	The person who is setting up IXM WEB should have full administrator rights

Table 3: System Related Checklist

Port Assignment	Port
Inbound HTTP Port	9108
TCP	1433
Port to communicate between IXM WEB & Devices	9734
Inbound Port	1255
GSC Web SDK Port	4590 (default)

Table 4: Port Information



7. Installing IXM WEB

Software Install

Procedure

STEP 1

Run the IXM WEB installer (Run as administrator).

Select Advanced.

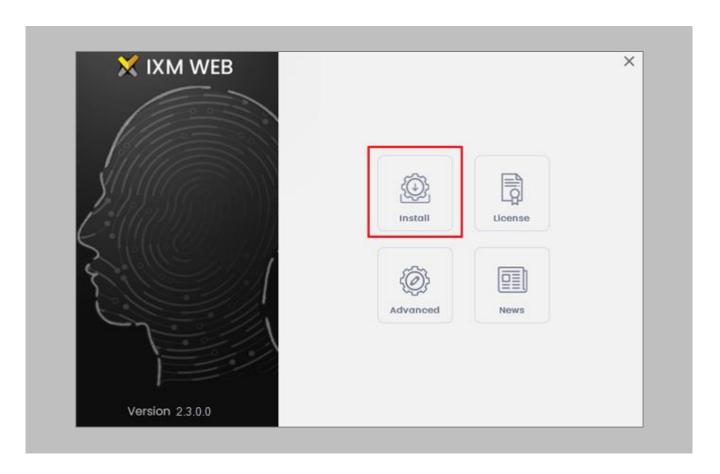


Figure 6: IXM WEB Installer

STEP 2

Deselect Install SQL Server and select Install.





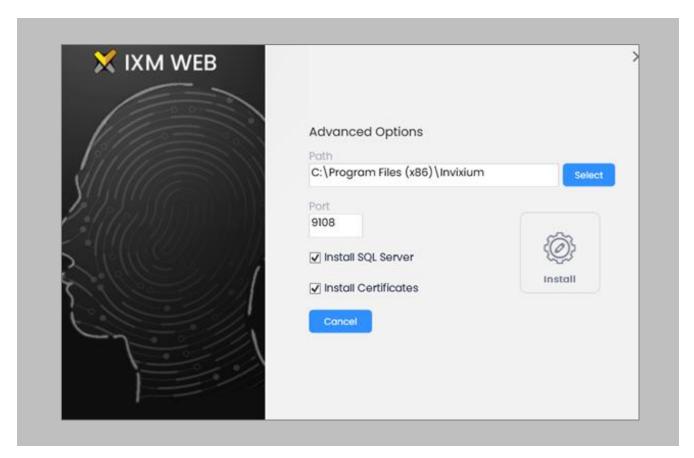


Figure 7: Advanced Options in IXM WEB Installer



During the installation, you may see this message, click Install.

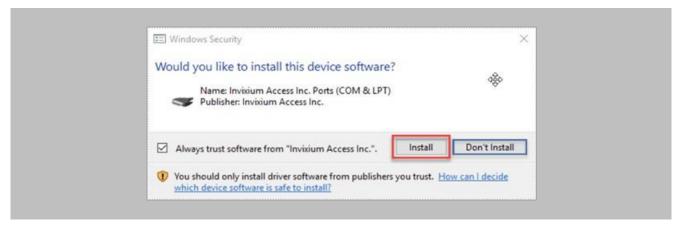


Figure 8: Invixium Fingerprint Driver Installation Message

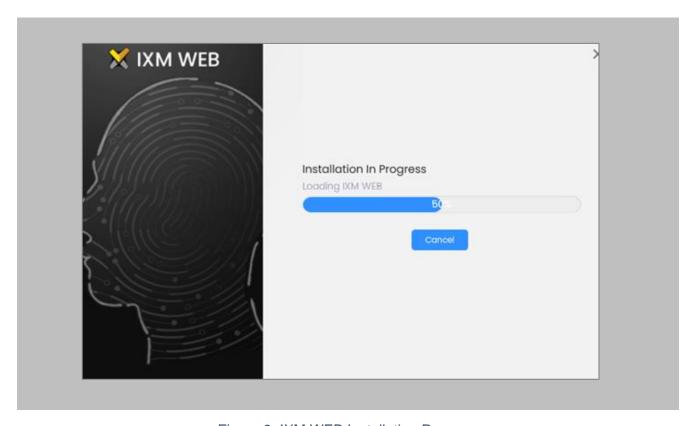


Figure 9: IXM WEB Installation Progress





STEP 4 After the installation completes, you should see the following screen:

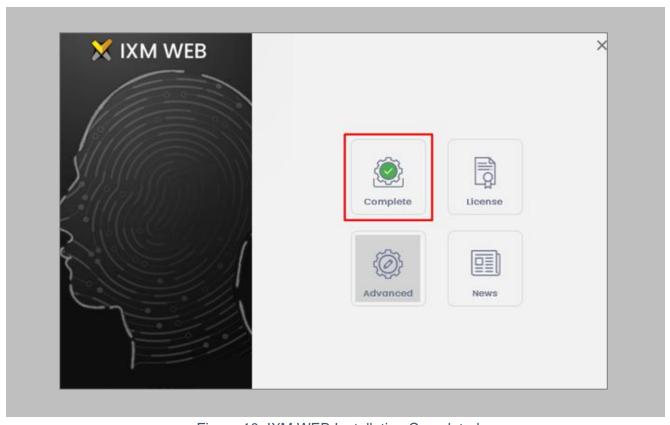


Figure 10: IXM WEB Installation Completed



Double click on the new **desktop shortcut** to open IXM WEB.



Figure 11: IXM WEB Icon - Desktop Shortcut

IXM WEB will open in your default browser (initial opening may take a few minutes).

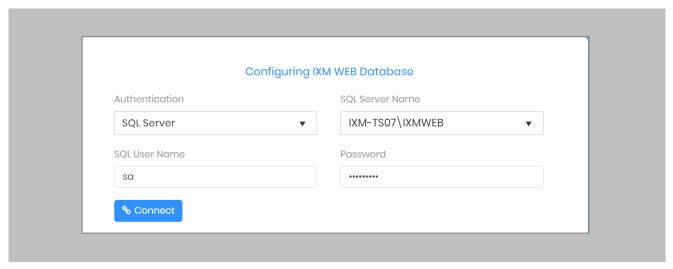


Figure 12: IXM WEB Database Configuration

STEP 6

Select the **SQL Server** authentication and the **Server Name** from the drop-down options. If it does not appear, enter it manually.





Enter the user credentials created above and leave IXMDB as the database name.

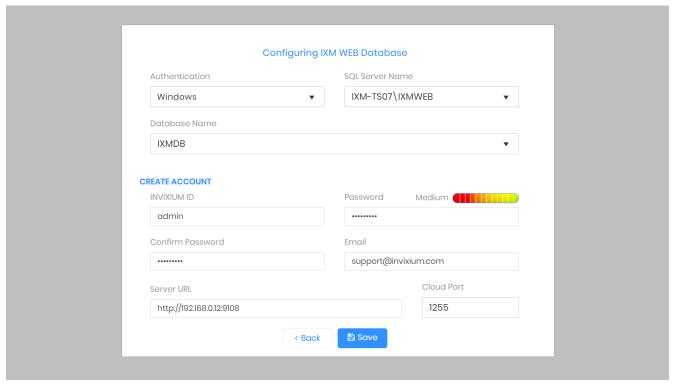


Figure 13: IXM WEB Administrator User Configuration

Now comes the step to create the user account for Invixium to access the database itself.

STEP 8

Create a **user account** (this is different from the identity used to connect to the SQL instance at the top of the page). The status bar will indicate the strength of the chosen password.

STEP 9

Change http://localhost:9108 to http://[IP address of server]:9108





For example:

If the IP address of the server is 192.168.1.100, then specify the Server URL as the following:

http://192.168.1.100:9108

STEP 10

Click Save. The software will now create the database and continue setup. This could take several minutes.



When IXM WEB is finished installing, you should be prompted with the following screen:

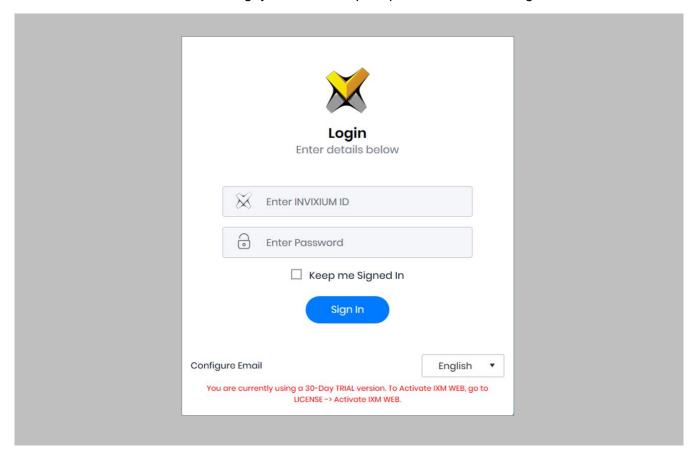


Figure 14: IXM WEB Login Page

Note: During an upgrade of IXM WEB from any previous release to 2.3.0.0, an internet connection is required for license validation. As this new version includes a face algorithm update, it will automatically convert templates without the need for re-enrollment of faces.



8. Configuring Email Settings using IXM WEB

Configuring Email settings is highly recommended as one of the first steps after installing IXM WEB. Email configuration settings will help the admin retrievie the password for IXM WEB in case it is forgotten. In addition, having email settings configured also makes activation and license key requests easier.

Email Setting Configuration

Procedure

STEP 1

Click Configure Email on the Login page.

OR

Expand the Left Navigation Pane → Navigate to Notification Settings → Email Configuration → Click Manage Preferences.

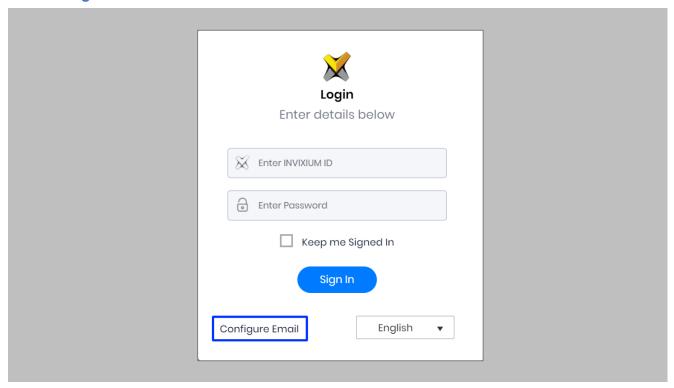


Figure 15: Configure Email





Select "Enable Email Configuration" and enter values for "SMTP Host", "SMTP Port", and "Send email message from" fields.

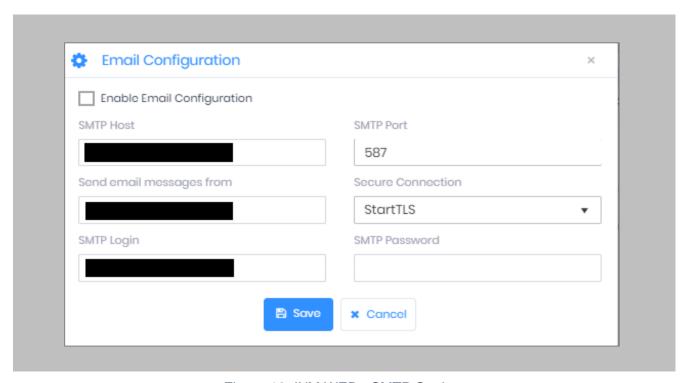


Figure 16: IXM WEB - SMTP Settings

Note: If Gmail/Yahoo/MSN etc. email servers are used for "SMTP Host" then "SMTP Login" and "SMTP Password" values need to be provided. Also in this case, "Secure Connection" needs to be set to either SSL or SSL/StartTLS.



After entering the values, click Save to save the SMTP Settings on the IXM WEB database.

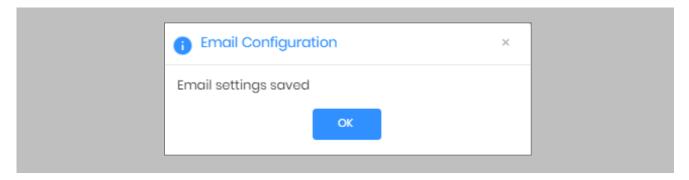


Figure 17: IXM WEB - Save Email Settings

To test the settings, Navigate to Notification Settings from the Left Navigation Pane → Go to Email Configuration → Click the Test Connection button on the right.

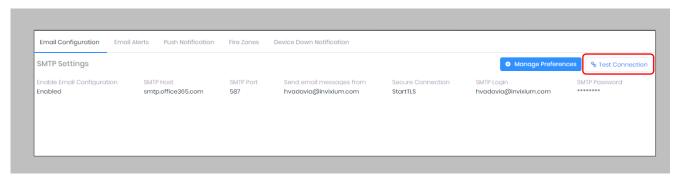


Figure 18: IXM WEB - Test Connection



Provide a valid email address. Click **Send** to send a test email.

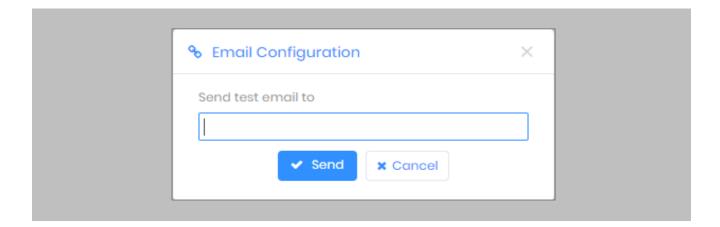


Figure 19: IXM WEB - Enter Email ID



Once email configuration is completed, a Forgot password link will appear on the Sign In page in its place.

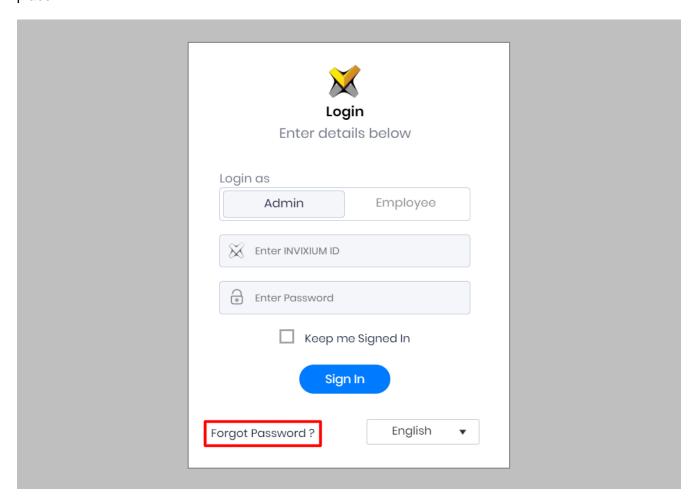


Figure 20: IXM WEB - Forgot Password



9. Software and Module Activation

IXM WEB Activation

Procedure

STEP 1

Log into IXM WEB.

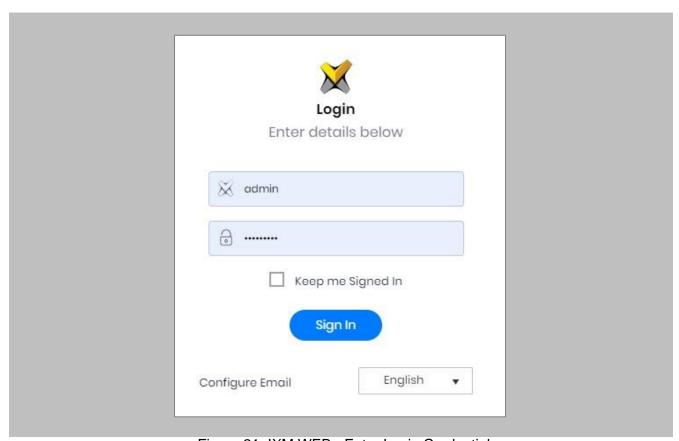


Figure 21: IXM WEB - Enter Login Credentials



Select the License Tab and then select the IXM WEB module to request an activation key for IXM WEB.

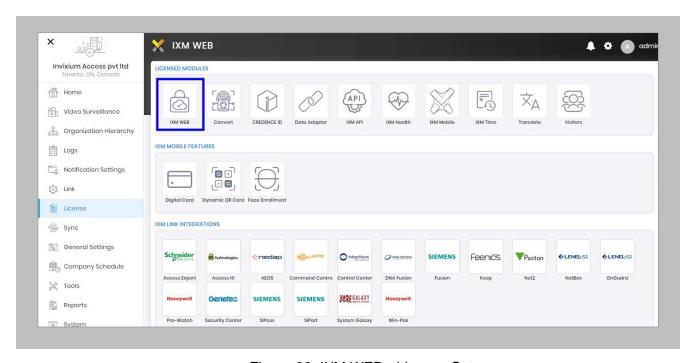


Figure 22: IXM WEB - License Setup

STEP 3

Request Activation Key Online or via Offline Activation Options.

Note: The Activation ID is in the email received when registering. If online activation fails, check with your local IT as the client may be blocked by your network.



Once the system is activated, the Status will be displayed as Active.

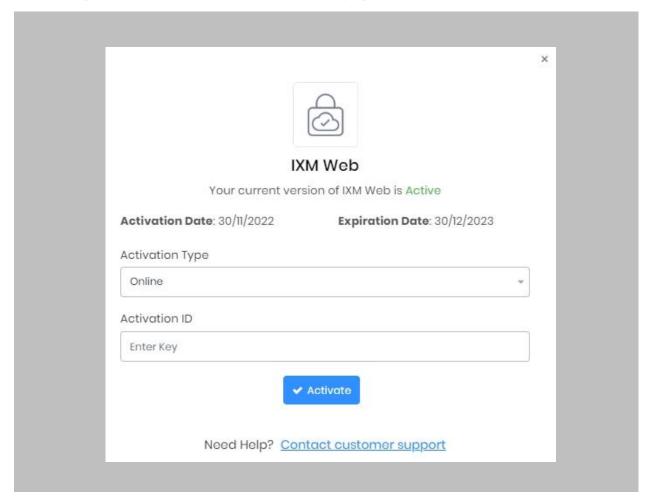


Figure 23: IXM WEB - Online Activation



Security Center Module Activation

The option to activate a Genetec Security Center License is available under the License tab.

STEP 1

Request a License.

STEP 2

From Home, expand the Left Navigation Pane, Go to the License tab. Click on Security Center (Genetec).

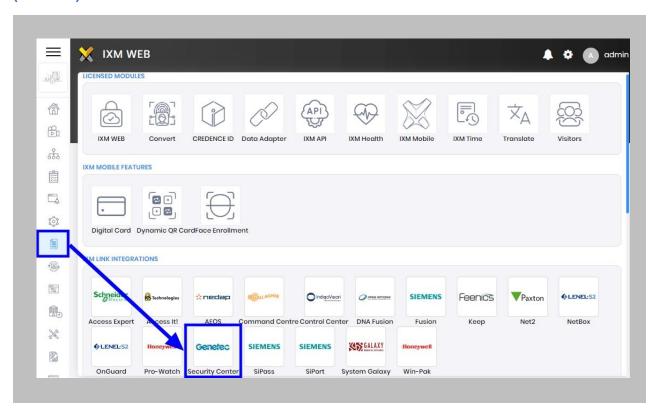


Figure 24: IXM WEB - Genetec Link Activation



You will receive an email from Invixium Support containing a license key for the Genetec Security Center Activation.

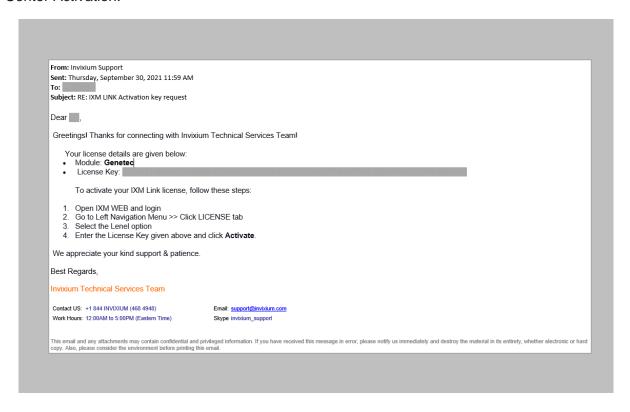


Figure 25: Genetec License Key Email



Copy and paste the License Key in the box provided, and then select Activate.

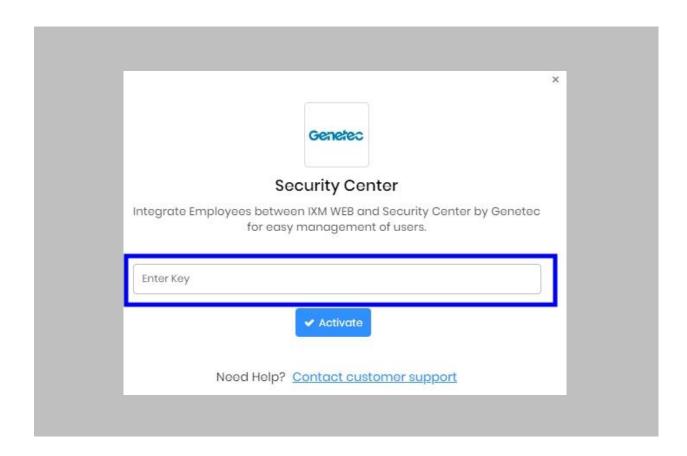


Figure 26: IXM WEB - Activate Genetec Link License

RESULT

IXM WEB is now licensed for use with Security Center and configuration can begin.



10. Configuring IXM Link for Genetec

Procedure

STEP 1

From the Left Navigation Pane → Link → click the blue Security Center (Genetec) icon.

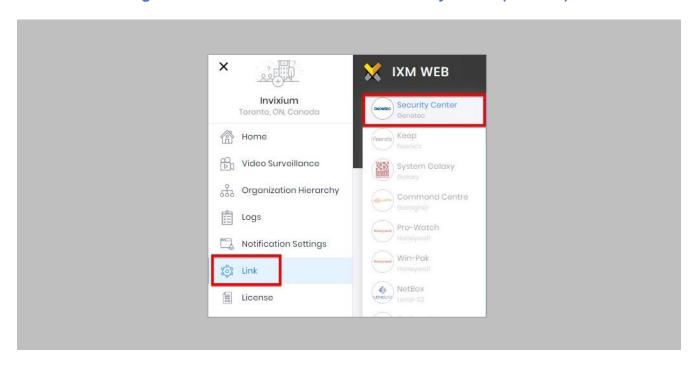


Figure 27: IXM WEB - Link Menu



Toggle the **Status** switch to enable.

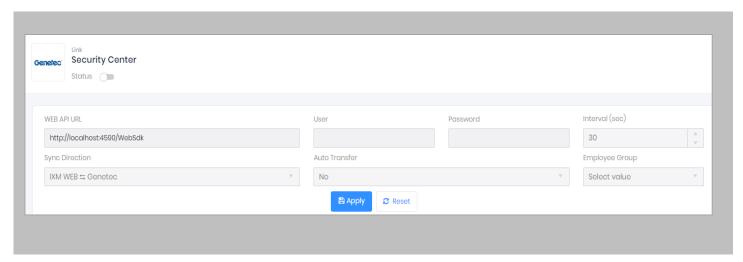


Figure 28: IXM WEB - Enable Genetec Link Module

Web API URL:

Enter the GSC WEB API URL. For example: https://localhost:4590/WebSdk

User:

Enter the name of the authorized user to connect to the Web SDK of Genetec Security Center.

Password:

Enter the Password of the authorized user to connect to the WEB SDK of Genetec Security Center

Interval (Sec):

Enter the duration of interval for data transfer between Genetec and IXM WEB. The system will automatically try to establish connection after every specified interval of time and sync users.



Sync Direction:

Click on the field to select the direction of data transfer. Data can be transferred in following three ways:

Choosing this option will transfer data in one direction only, ie, from Genetec to IXM WEB. Genetec is considered as the master data in this case and any changes made in IXM WEB data will be overwritten during transfer.

Note:

This is the recommended option.

IXM WEB → Genetec

Choosing this option will transfer data in one direction only, ie, from IXM WEB to Genetec. IXM WEB is considered as the master data in this case and any changes made in Genetec data will be overwritten during transfer.

IXM WEB

 Genetec

Choosing this option will transfer data in both the directions, ie, from Genetec to IXM WEB first followed by IXM WEB to Genetec.

Auto Transfer:

This option provides facility to add employee into Employee Groups in IXM WEB. For example, if there is an Employee Group called 'Default Group' in IXM WEB, then all the employees from Genetec will be added directly to the 'Default Group'.

Click on either 'Yes' or 'No'.

Yes: Selection of User Group is mandatory to use Auto Transfer. Users will be transferred to IXM Devices based on Sync Group configuration for selected Employee Group.

No: Users will not be transferred to the IXM Devices.



Employee Group:

This option will be enabled only when 'Auto Transfer' is set as 'Yes'. Otherwise it will remain disabled.

A list of existing Employee Groups created in IXM WEB is displayed. Click on the Employee Group to which employees should be transferred automatically.

Click **Apply**. The transfer of data between Genetec and IXM WEB is possible only after successful connection.

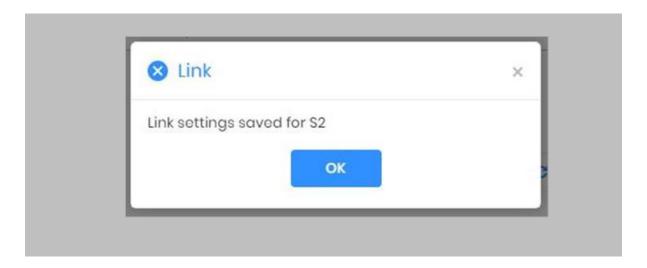


Figure 29: IXM WEB - Link Settings Saved

In case of unsuccessful connection, please refer to the *Troubleshooting* section.

After applying your changes, you should see items being updated on the screen below:



Figure 30: IXM WEB - Sync Activities



Numbers

The first two colums display the number of records added, updated and deleted in Genetec and IXM WEB respectively after each data transfer.

Times

The last column displays the time when the data was transferred last.

It also shows the time when the data will be transferred next. It is calculated as per the specified Interval.

STEP 3

Clicking Sync Now immediately starts synchronizing pending data. This is useful when you do not want to wait until the next scheduled run shown by "Next Run At".

STEP 4

The **Sync All** feature allows resynchronization of database from GSC to IXM WEB. This will re-import missing cardholders or updated cardholders from GSC to IXM WEB. Also, it will delete IXM WEB employee records according to cardholders available in GSC.

The Sync All button will be visible only when the sync direction is selected as Genetec to IXM WEB (One-way sync).

RESULT

When data is syncing at the given interval, the numbers in view will change accordingly.

STEP 5

The **Download IXM WEB Add-On** feature allows to download and set up installation on each machine where Config Tool is available for enrollment of biometric templates from LINK view.



11. Installing IXM WEB Add-On

Download IXM WEB Add-On exe

Procedure

STEP 1

Log into IXM WEB.

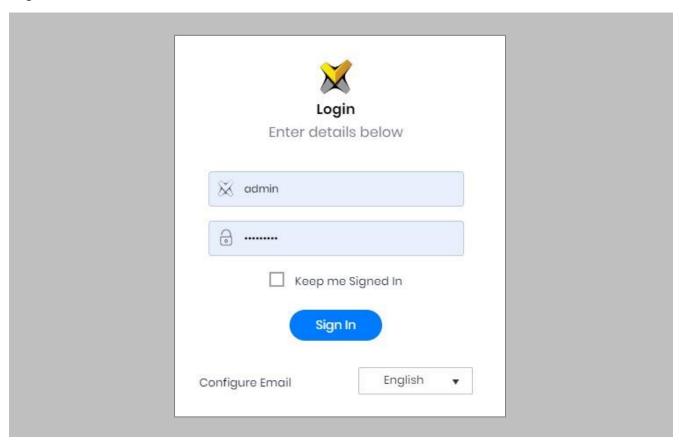


Figure 31: IXM WEB - Enter Login Credentials



From Home, expand the Left Navigation Pane, Go to the Link tab. Click on Security Center (Genetec).

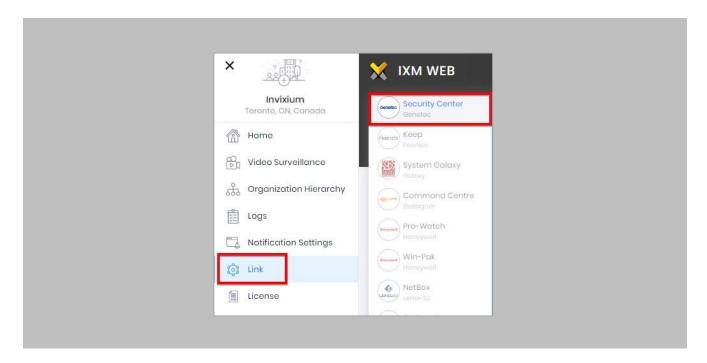


Figure 32: IXM WEB - Link Menu



Click Download IXM WEB Add-On to download the executable file.

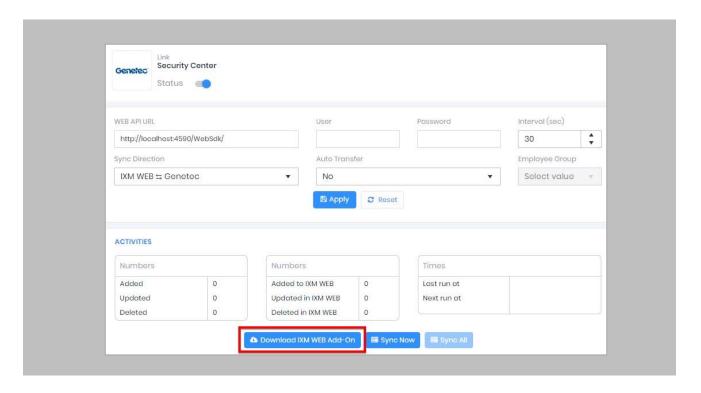


Figure 33: IXM WEB – Download IXM WEB Add-On

Note: The executable file should be downloaded on the same path as that of Genetec server.



Install IXM WEB Add-On

Procedure

STEP 1

Double click on the downloaded IXM WEB Add-On file in its path to start the Setup Wizard.



Figure 34: IXM WEB - Add-On Setup Wizard

Click Next.



The installer will install IXM WEB Add-On to the default folder. To install to a different folder, enter the path or click 'Browse'.

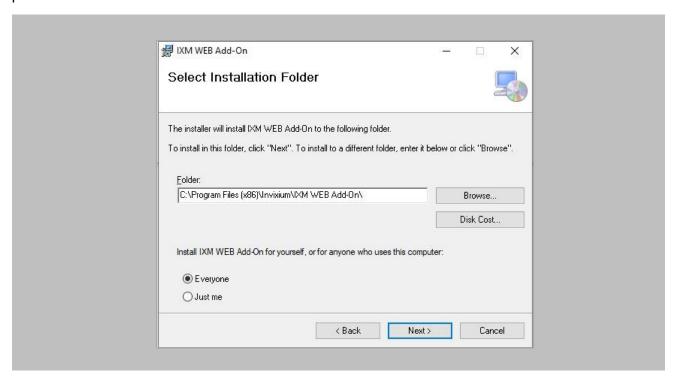


Figure 35: IXM WEB – Select Installation Folder

Click Next.



The installer is ready to install IXM WEB Add-On on the given path.

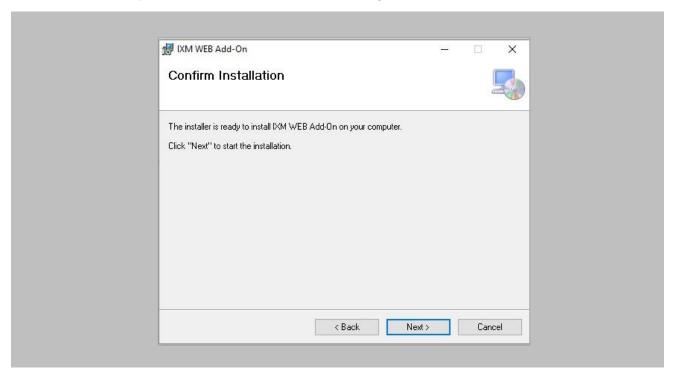


Figure 36: IXM WEB – Confirm Installation

Click Next.



Installation of IXM WEB Add-On is complete.

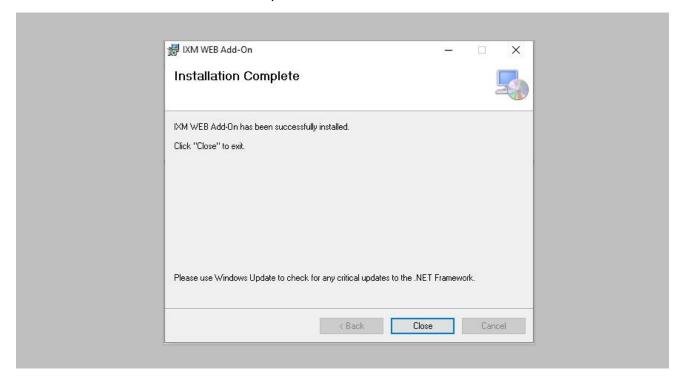


Figure 37: IXM WEB – Add-On Installation Complete

Click Close.



12. Create System User(s) for Biometric Enrollment

Creating System User(s) for Biometric Enrollment

Procedure

STEP 1

Log into IXM WEB.

On the home page, expand the **Left Navigation Pane** \rightarrow **System**. The application will redirect to the System Users window.

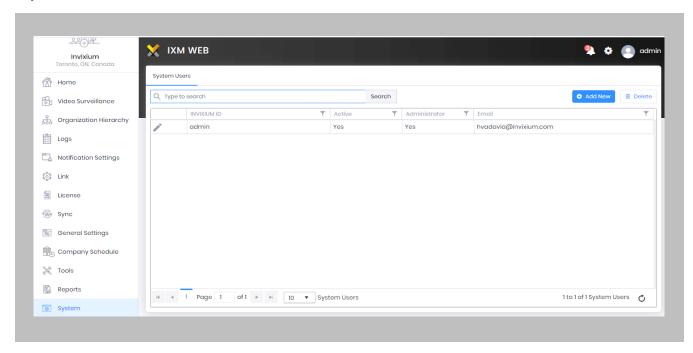


Figure 38: IXM WEB - Create System User



Click Add New.

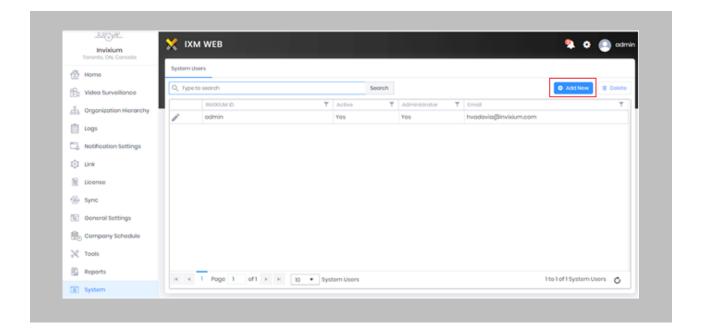


Figure 39: IXM WEB - Add New System User

Creating a system user requires the following details:

- Login type
 - i. Local employee
 - ii. Domain employee
- Invixium ID (User ID) (For domain employee login types, the User ID is automatically filled from AD)
- Password creation (For domain employee login types, password creation is not required)
- Email address
- Status
- Permission for modules



Select Login Type (Local or Domain Employee) from the dropdown list.

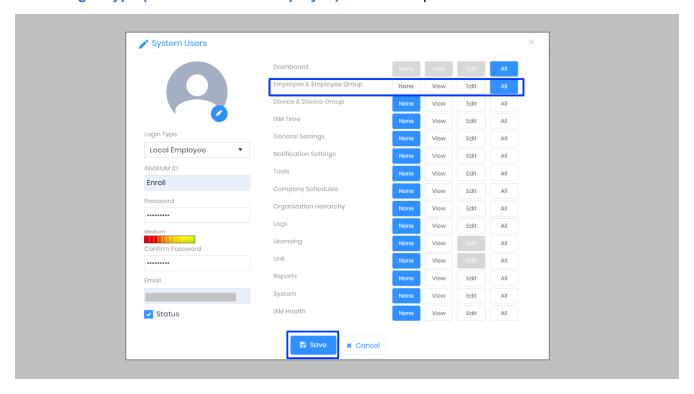


Figure 40: IXM WEB - New System User



Add an email address.

Apply for permission as "All" for **Employee & Employee Group** module.

Click Save.

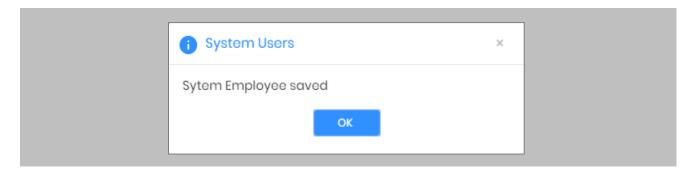


Figure 41: IXM WEB - Save System User



13. Add and Configure Invixium Readers

Adding an Invixium Reader in IXM WEB

Procedure

STEP 1

From Home, click the Devices tab.

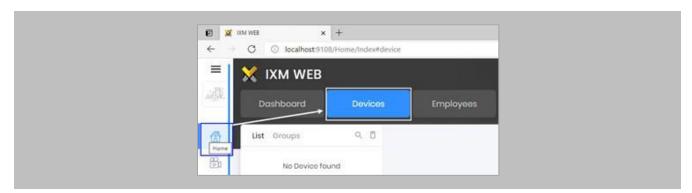


Figure 42: IXM WEB - Devices Tab



Select the **Add Device** button on the right-hand side of the page. Then select the **Ethernet Discovery** option and add the reader's IP in the start IP section. Click on **Search** to find the device.

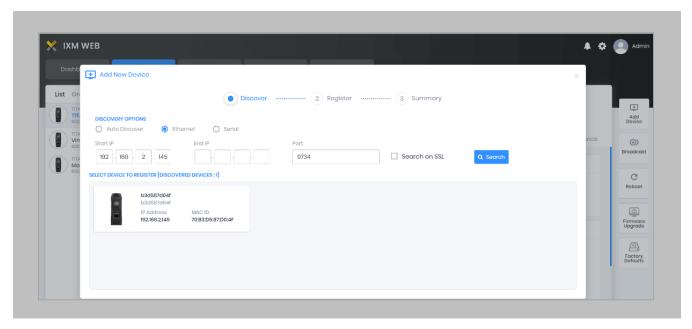


Figure 43: IXM WEB - Search Device Using IP Address



Once the device is found, click on it. Add the required fields and select Register.

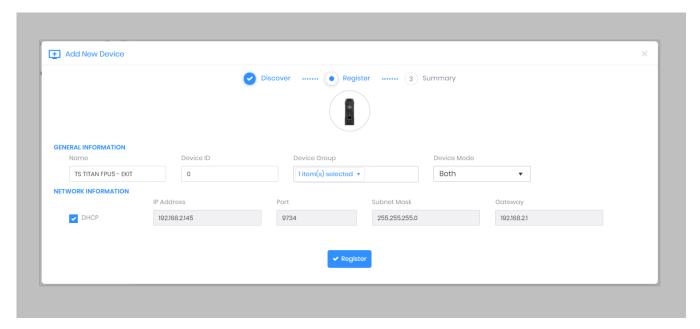


Figure 44: IXM WEB - Register Device

STEP 4

Name the device exactly as the name of the door it will be used for.

Device Mode: select accordingly.

Device Group: select the Access Group to which the reader will be assigned.



Once the device has successfully been registered, click Done.

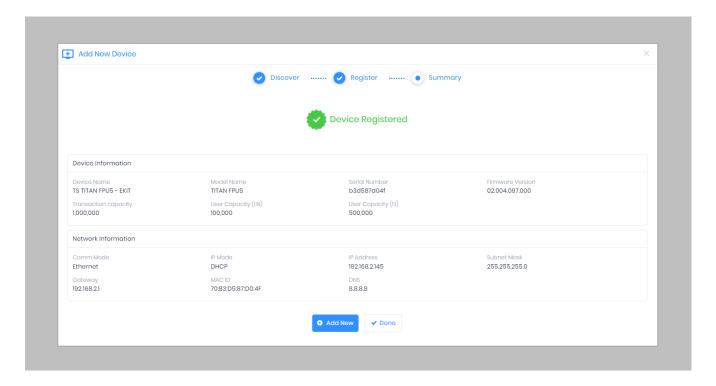


Figure 45: IXM WEB - Device Registration Complete



Go to **Dashboard** and confirm that the **Device Status** chart indicates that the reader is online (ie. hovering will tell you how many devices are online).

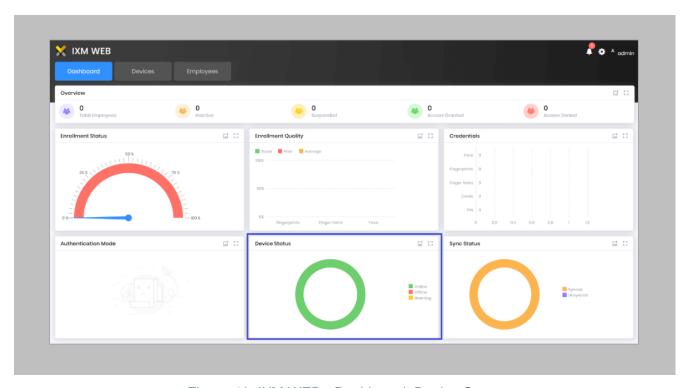


Figure 46: IXM WEB - Dashboard, Device Status



14. Adding an Invixium Device to a Device Group

Procedure

STEP 1

Go to Devices → Groups.

Add the device from the Right Side pane to the respective **Device Group**.

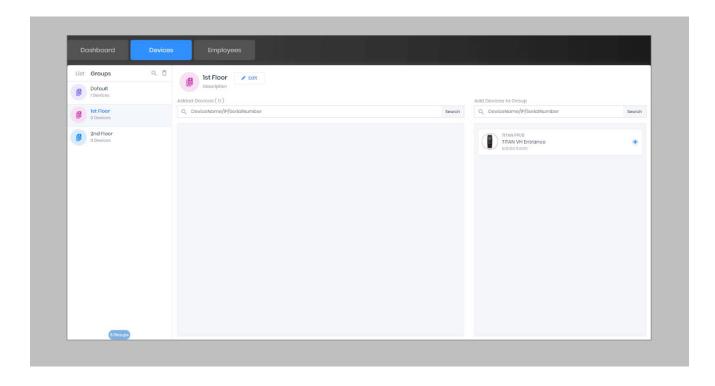


Figure 47: IXM WEB - Assign Device Group



Configuring Wiegand to Assign Invixium Readers

ů

Note: Invixium devices support upto 512 bit long Wiegand format. Accordingly, you can create a Wiegand format as per your requirement.

STEP 1

From Home >> Expand the Left Navigation Pane >> Navigate to the **General Settings** tab >> Click the **Wiegand** app to open the Wiegand Format settings.

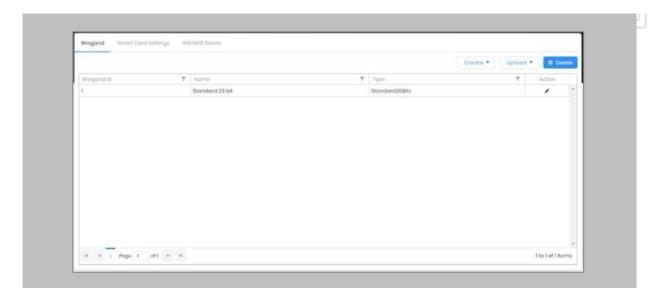


Figure 48: IXM WEB - Create Wiegand Format



Hover mouse over Create and select the Custom option from the dropdown menu.



Figure 49: IXM WEB - Create Custom Wiegand Format

STEP 3

Enter Name of the custom Wiegand and assign Bits. Lets say we name the Wiegand as '32-BIT CSN' and define Total Bits as 32 bits where all the 32 bits are ID bits.



Figure 50: IXM WEB - Custom Wiegand Format



Click Next and Save. Wiegand Format created message will be displayed.

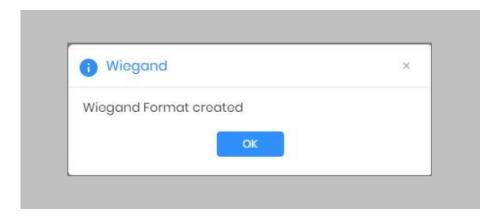


Figure 51: IXM WEB – Custom Wiegand Format Created

STEP 5

Click on **Upload** and select the device group (applies to all readers). Click **OK**.

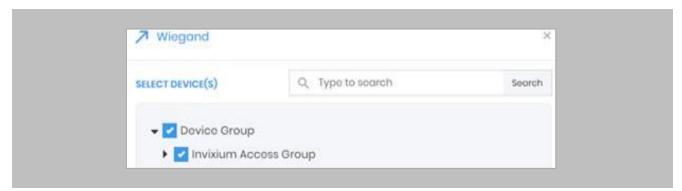


Figure 52: IXM WEB - Upload Wiegand Format



Assign Wiegand to Invixium Readers

Note: Face and finger will always give a Wiegand output based on the initial card that was synced from Genetec to Invixium.

The created Wiegand will be used to define which output format will be sent to GSC.

STEP 1

From Home > click the Devices tab. Select any device.

STEP 2

Navigate to the Access Control tab.

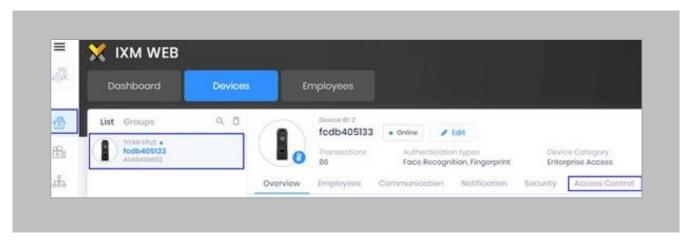


Figure 53: IXM WEB - Navigate to Access Control Tab



Scroll down and click on **Wiegand Output** and toggle the switch on the top right-hand side to enable Wiegand Output for the device.

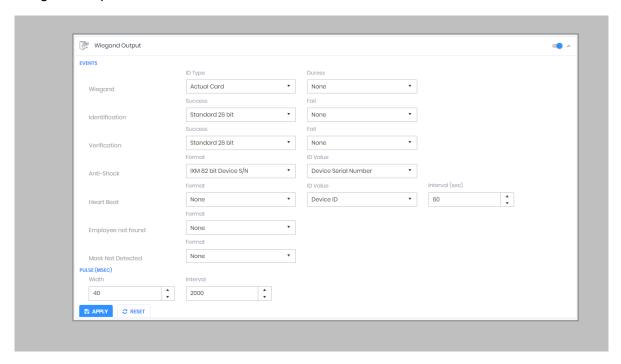


Figure 54: IXM WEB - Wiegand Output

ID types for Wiegand output are as follows:

- 1. Employee ID
- 2. Default Card
- 3. Actual Card

Set ID Type of output Wiegand to Employee ID/Default/Actual Card. By default, Employee ID is selected in Wiegand Event.

As the Employee ID field is not available in GSC, select either Default Card or Actual Card.

Empoyee ID: This is auto generated ID by IXM WEB for an imported cardholder in Genetec.



Actual Card: When more than one card is assigned to the cardholder, and you want to generate Wiegand output data for the same card which is presented on the Invixium device.

Default Card: It will generate Wiegand output data for the card which is marked as the default.



Note: For fingerprint and face access, default card Wiegand output data will be generated.

STEP 4

Select desired format for Identification, Verification, Employees not found, Thermal Authentication and Mask not Detected for the selected Card.

STEP 5

Click Apply.

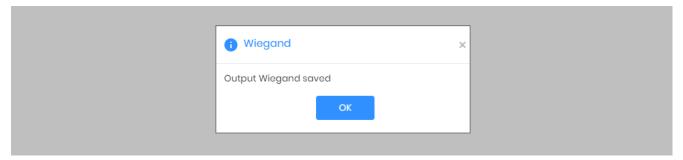


Figure 55: IXM WEB - Save Output Wiegand

RESULT

The Wiegand Output settings of the selected device are now updated.



(Î)

Note:

- If you have more devices, follow the next steps to copy all Wiegand settings to all devices simultaneously. Note: This copies all Wiegand output settings. See Appendix C for more information.
- If the cardholder was assigned multiple cards, the first assigned card will be the 'default' selected card. The details of the card will be sent as the Wiegand bits input to Genetec Controller.
- To make this Wiegand output work on Genetec, you will need to make sure the Wiegand format is available in Genetec for use on the controllers talking to the Invixium reader (by Wiegand or OSDP or RIO).



Configuring Panel Feedback with Genetec

Procedure

STEP 1

Connect Wiegand Data D0 of the Genetec Panel with WDATA_OUT0 of the IXM device, Wiegand Data D1 of the Genetec Panel with WDATA_OUT1, and Wiegand Ground of the Genetec Panel with WGND of the IXM Device.

STEP 2

Connect the LED of the Genetec Panel with ACP_LED1 of the IXM device.

STEP 3

On the **Devices** tab, select the required device and navigate to the **Access Control** tab. Scroll down and click on **Panel Feedback**.

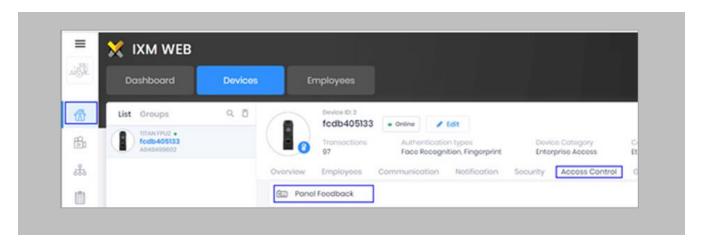


Figure 56: IXM WEB - Panel Feedback



By default, Panel Feedback is turned **OFF**. Toggle the Panel Feedback switch on the top right-hand side to the **ON** position, and then enable **LED Control** by the panel and set the LED Mode to **One LED**.

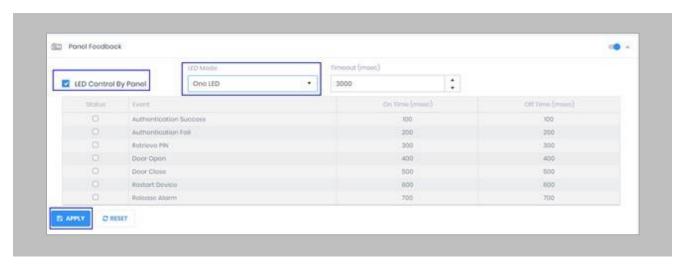


Figure 57: IXM WEB - Configuring Panel Feedback in IXM WEB

STEP 5

Click Apply.

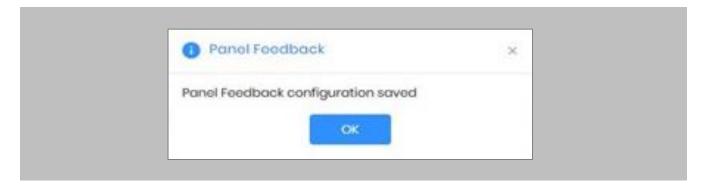


Figure 58: IXM WEB - Save Panel Feedback



Configuring Thermal Settings

(i)

Note: confirm your device is capable of temperature screening first.

Procedure

STEP 1

Click the Devices tab → Select Device → Select Thermal Settings → Thermal Authentication Settings to view default settings.

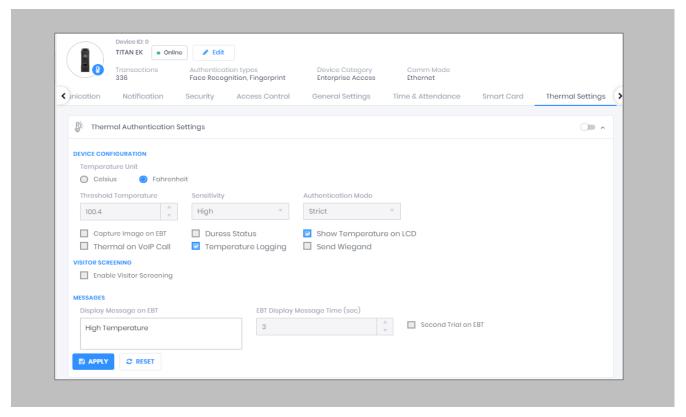


Figure 59: IXM WEB - Thermal Settings

STEP 2

The list of settings along with their functions are:



- **Temperature Unit:** IXM WEB supports Celsius and Fahrenheit temperature units. By default, the selected option will be Fahrenheit.
- Threshold Temperature: Users can set a threshold temperature. Elevated Body Temperature (EBT) workflows will trigger when any user whose temperature is above the threshold value. The default threshold temperature is 100.4 degrees Fahrenheit.
- Sensitivity: Users can set Thermal Sensitivity to low or high.
- Authentication Mode: The user will have two options for the Mode of authentication Soft / Strict, this mode of authentication is used to control the access of the user if fever is detected. The default mode of authentication is Strict.
 - o **Soft:** Access will be granted to the End-user even after the fever is detected.
 - Strict: Access will be denied if the fever is detected.
- **Send Wiegand:** This setting will be visible only if the user selects the "Strict" Authentication Mode. Enabling this setting will generate Wiegand whenever "High Face Temperature" is detected in the authentication process.
- Capture Image on EBT: Enable this setting to capture the image of the user if EBT is detected.
 By default, this setting will remain disabled. The same image will be used for sending email notifications from IXM WEB.
- Duress Status: Enabling this setting will allow access to the user even after detecting EBT if
 the user authenticates using their pre-programmed duress finger. The default setting is
 disabled.
- **Show Temperature on LCD:** By enabling this setting, TITAN will display the screened temperature upon authentication. By default, this setting is disabled.
- **Display Message on EBT:** Users can set a message to display after detecting EBT. Users can set a message up to a maximum of 50 characters.
- EBT Display Message Time (sec): Users can configure the length of time that the EBT message stays on the screen. The default time is 3 seconds.



- **Second Trial on EBT:** By enabling this setting, users will get a notification to retry after EBT detection. If this setting is enabled, Display Message for Second Trial, Second Trial Wait Time after EBT (mins), and Display Message Time After Second Trial (sec) fields will be visible.
- **Display Message for Second Trial:** Users can set a message to display after the second trial if EBT is detected. This message can be a maximum of 50 characters.
- **Second Trial Display Message Time (sec):** Users can configure the length of time that the second trial message stays on the screen. The default time is 3 seconds.
- **Enable Visitor Screening:** Enable this setting to start screening temperatures for visitors. By default, this field remains disabled.
- **Visitor Screening Message:** Users can set a message that will be displayed when a visitor is showing their face. Maximum 50 characters allowed.
- Visitor Screening Message on EBT: Users can set a message that will be displayed when the visitor has an EBT. Maximum 50 characters allowed.
- **Visitor Message Display Time (sec):** Users can configure the length of time that the visitor screening message stays on the screen. The default time is 3 seconds.
- Thermal on VoIP Call: Enable this setting to start screening temperatures for a user when a VoIP call is going on. By default, this field remains disabled.
- **Temperature Logging:** This setting keeps logging detected temperature in the Transaction Log. By default, this field remains enabled. Users can disable this feature using IXM WEB only. Enable/Disable this setting is not available in LCD.



Once all the settings have been configured, click Apply, then click OK.

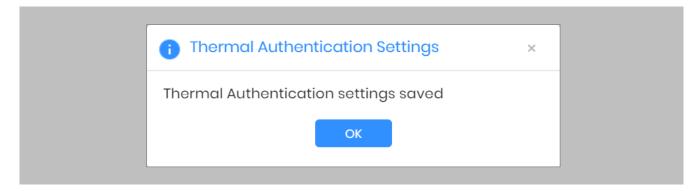


Figure 60: IXM WEB - Save Thermal Settings



Thermal Calibration

STEP 1

Click the Devices tab → Select Device → Select Thermal Settings → Thermal Calibration to view default settings.

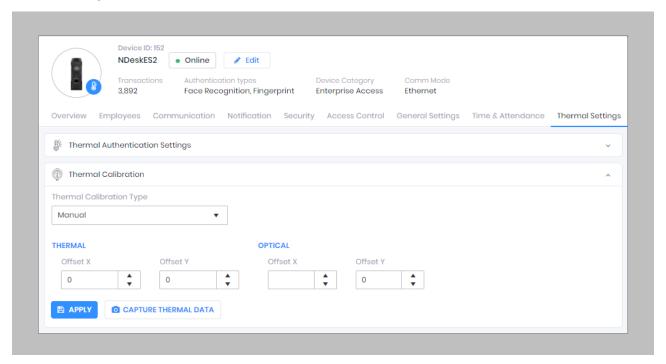


Figure 61: IXM WEB - Thermal Calibration Settings

STEP 2

The settings along with their functions are:

- Thermal Calibration Type:
 - Manual
 - o Face
 - o Black Body

Invixium supports only Manual Thermal Calibration and does not recommend the user to select any other option.



- Offset X (Thermal Section): Users can set the value for the offset X coordinate of the TIR camera.
- Offset Y (Thermal Section): Users can set the value for the offset Y coordinate of the TIR camera.
- Offset X (Optical Section): Users can set the value for the offset X coordinate of the TITAN camera.
- Offset Y (Optical Section): Users can set the value for the offset Y coordinate of the TITAN camera.

Once all the settings have been configured, click Apply, then click OK.

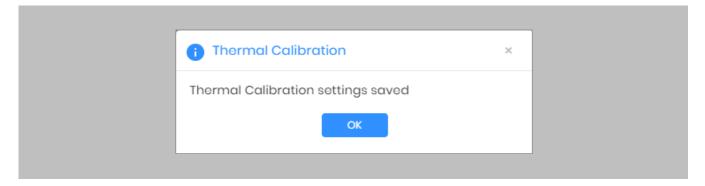


Figure 62: IXM WEB - Save Thermal Calibration Settings



To provide the Thermal Data to the Invixium Technical Services team using IXM WEB, the user needs to click **Capture Thermal Data**. It will open the popup window and ask the user to show their face 3 times.

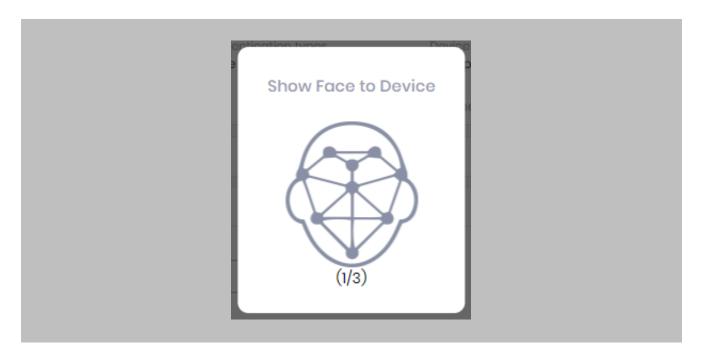


Figure 63: IXM WEB - Capture Thermal Data



Once the face is captured 3 times, it will ask the user to save the ".zip" file.

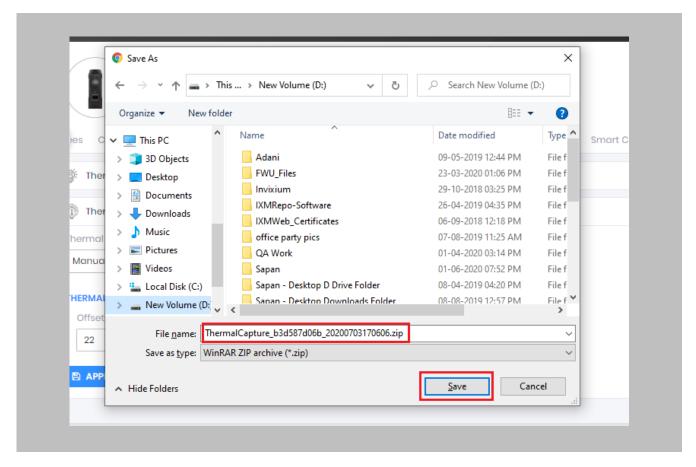


Figure 64: IXM WEB - Save Captured Thermal Data

STEP 5

Click Save to store the zip file, then send this file to support@invixium.com. Invixium's Technical Services team will process this file and respond to the user with calibrated values for "X" & "Y" coordinates for the TIR camera and TITAN camera.



Note: TITAN and the Enhancement kit are factory calibrated when purchased as a bundle. If thermal offset and optical offset values are 0, they capture thermal data.

Test Calibration Options

To test Thermal Calibration, click Test Calibration.

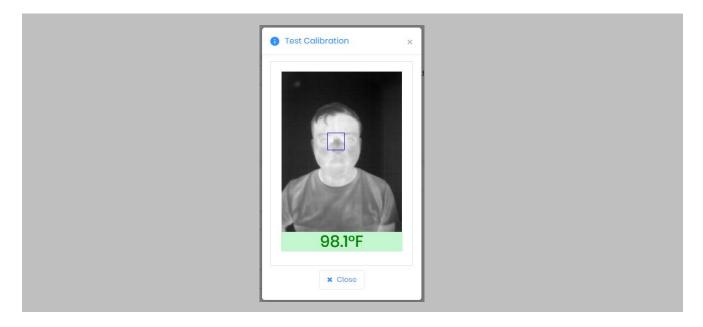


Figure 65: IXM WEB - Test Thermal Calibration

Note: Square box position should be in the center and cover the tear duct area (Eye Inner Canthus).



Change Temperature Unit Settings

STEP 1

To change the Temperature Unit from Celsius to Fahrenheit and vice-versa, click Tools → Options → Manage Preferences.

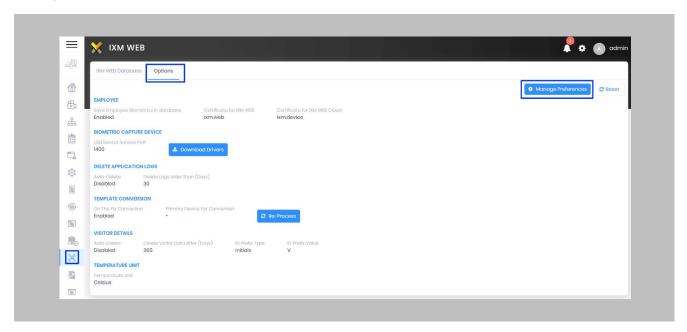


Figure 66: IXM WEB - Option to Change Temperature Unit



Click Save.

Note: Temperature Test failure event in GSC Alarm Viewer will show the Temperature Value as per the Temperature Unit selection.

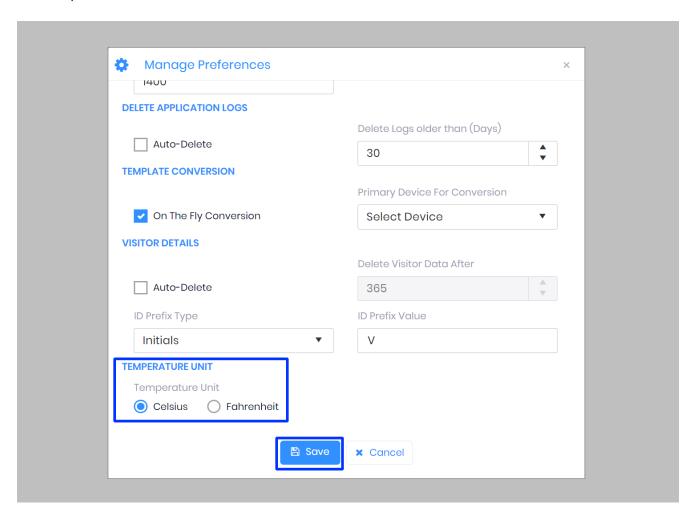


Figure 67: IXM WEB - Save Temperature Unit Setting



Configuring Mask Authentication Settings

STEP 1

Click the Devices tab → Select Device → Select General Settings → Mask Authentication Settings to view default settings.

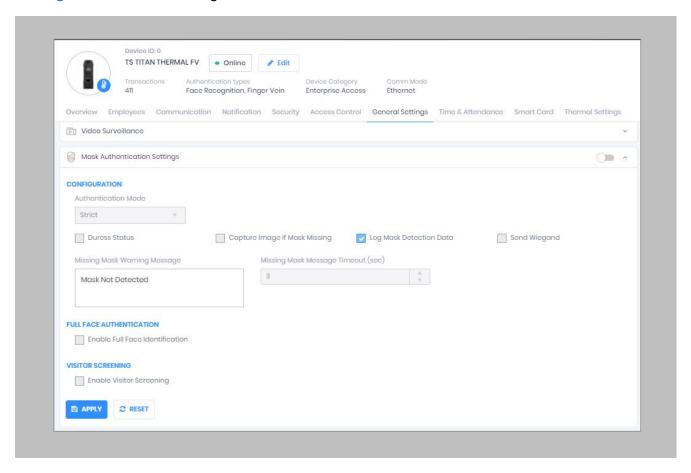


Figure 68: IXM WEB - Mask Authentication Settings



The list of settings is:

- **Authentication Mode:** There are two options for the mode of authentication used to control the access workflow if a mask is not detected. The default mode of authentication is strict.
 - o Soft: Access will be granted to the user even if a mask is not detected.
 - Strict: Access will be denied if a mask is not detected.
- Duress Status: Enabling this setting would allow access to the user if a mask was not detected if the user authenticates using their pre-programmed duress finger. The default setting is disabled.
- Capture Image if Mask Missing: Enable this setting to capture an image of the user if a mask
 is not detected. By default, this setting is disabled. The same image will be used for sending
 email notifications from IXM WEB.
- Log Mask Detection Data: This setting tracks mask detection in the transaction log. By
 default, this setting is enabled. You can disable this feature using IXM WEB only, not on the
 device's LCD.
- **Send Wiegand:** This setting will be visible only in "Strict" authentication mode. Enabling this setting will generate Wiegand whenever a mask is not detected in the authentication process.
- Missing Mask Warning Message: Set a message to display after a mask is not detected. The
 message can be up to 50 characters.
- Missing Mask Warning Message Timeout (sec): Configure the length of time that the mask is not detected message stays on the screen. The default time is 3 seconds.
- Enable Full Face Identification: Invixium Periocular algorithms can achieve accurate
 identification using only the eye and eyebrow regions of the face. Full face identification is
 used to get more accuracy in authentication and capture a user's face without a mask in the
 image log. By default, this setting is disabled.



- Remove Mask Display Message: Set a message to display after a mask is detected when Full Face Identification is enabled. Messages can be up to 50 characters.
- Remove Mask Display Message Time (sec): Configure the length of time that the mask is detected message stays on the screen. The default time is 3 seconds.
- **Enable Visitor Screening:** Enable this setting to start screening visitors for masks. By default, this field is **disabled**.
- **Visitor Screening Message:** Set a message that will be displayed when a visitor is showing their face. Messages can be up to 50 characters.
- **Visitor Mask Missing Warning Message:** Set a message that will be displayed when a visitor is screened without a mask. Messages can be up to 50 characters.
- Visitor Message Display Time(sec): Configure the length of time that the visitor screening message stays on the screen. The default time is 3 seconds.

Once all the settings have been configured, click Apply, then click OK.

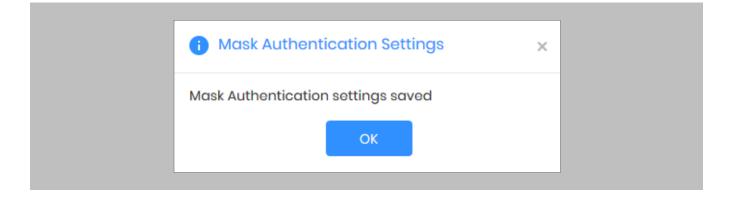


Figure 69: IXM WEB - Save Mask Settings





15. Enrollment using Genetec Config Tool

Procedure

STEP 1

Ensure that IXM WEB Add-On has been installed on the same path as that of Genetec server.

Refer Installing IXM WEB Add-On section.

Note: Entrollment can be done using Config Tool as well as Security Desk.

STEP 2

Restart the Config Tool once installation of IXM WEB Add-On is complete. You will see the icon of IXM WEB.

STEP 3

Click IXM WEB and Log into Config Tool using valid credentials.

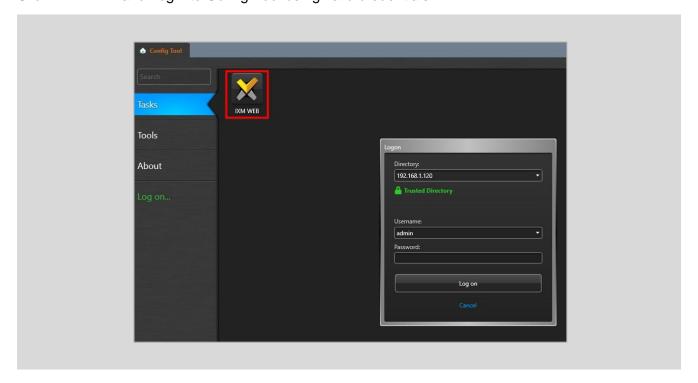


Figure 70: IXM WEB – Config Tool Logon



 $(\!(\hat{\hspace{1pt}}_{\!1})\!)$ Note: IXM WEB opens in a new window with a list of Genetec Cardholders.

Enter IXM WEB URL. Select the Browser.

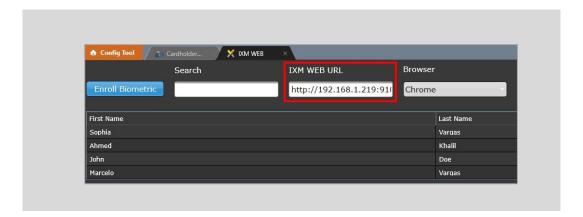


Figure 71: IXM WEB - Configure IXM WEB URL

Note:

The recommended browser is Chrome.

STEP 5

Select the desired Cardholder from the list. Click Entroll Biometric.

STEP 6

Enter credentials to log in to IXM WEB. Toggle "Keep Me Signed In" to stay signed in.

Note: Log in to IXM WEB is required only once when you launch the enrollment viewer for the first time. For subsequent enrollment, this step will be skipped as you are already signed in.



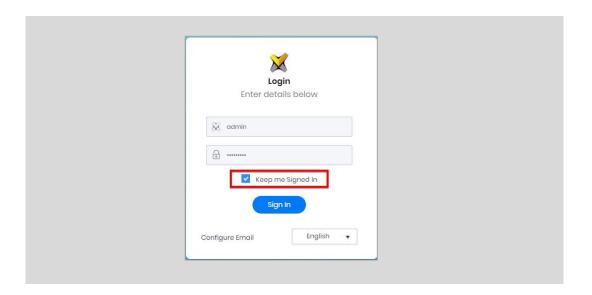


Figure 72: IXM WEB – First Time Log In

Once you are logged in, repeat STEP 5.



Perform Fingerprint and Face Entrollment.

Follow Invixium Enrollment guidelines for proper enrollment of faces, fingerprints, and finger veins.

Refer Entrollment Best Practices section.

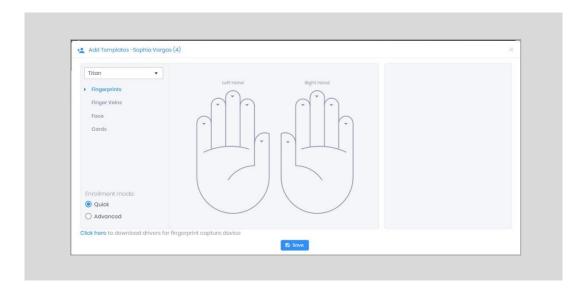


Figure 73: IXM WEB – Enrollment Viewer



16. Enrollment Best Practices

Fingerprint Enrollment Best Practices

- Invixium recommends using the index, middle, and ring fingers for enrollment.
- Make sure your finger is flat and centered on the sensor scanning area.
- The finger should not be at an angle and should be straight when placed on the sensor.
- Ensure that the finger is not too dry or too wet. Moisten your finger during enrollment if required.

Avoid Poor Fingerprint Conditions

- Wet Finger: Wipe excessive moisture from the finger before placement.
- Dry Finger: Use moisturizer or blow warm breath over the finger before placement.
- Stained Finger: Wipe stains from finger before placement.

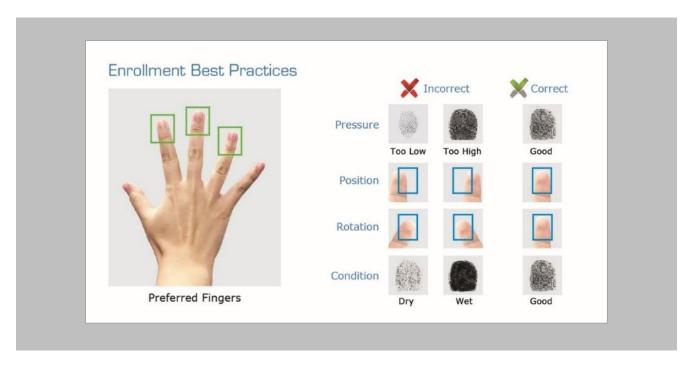


Figure 74: Fingerprint Enrollment Best Practices



Fingerprint Image Samples

Fingerprint Sample	Result	Recommendation
	Good Fingerprint	Always try and get a good fingerprint like this for a good enrollment score
	Fingerprint with cuts	Invixium recommends using Card + Biometrics or Card + PIN
	Dry finger	Moisten finger and re- enroll for better results
	Wet/Sweaty finger	Rub finger on clean cotton cloth and re- enroll for better results

Figure 75: Fingerprint Images Samples



Fingerprint Imaging Do's and Don'ts

Do's:

- Capture the index finger first for the best quality image. If it becomes necessary to capture
 alternate fingers, use the middle or ring fingers next. Avoid pinkies and thumbs because they
 generally do not provide a high-quality image.
- Ensure that the finger is flat and centered on the fingerprint scanner area.
- Re-enroll a light fingerprint. If the finger is too dry, moistening the finger will improve the image.
- Re-enroll a finger that has rolled left or right and provided a partial finger capture.

Remember to:

- Identify your fingerprint pattern.
- Locate the core.
- Position the core in the center of the fingerprint scanner.
- Capture an acceptable quality image.

Don'ts:

- Don't accept a bad image that can be improved. This is especially critical during the enrollment process.
- Don't assume your fingerprint is placed correctly.



Finger Vein Enrollment Best Practices

- Invixium recommends using the index and middle fingers for enrollment.
- Make sure your fingertip is resting on the finger guide at the back of the sensor cavity.
- The finger should be completely straight for the best finger vein scan.
- Ensure that the finger is not turned or rotated in any direction.

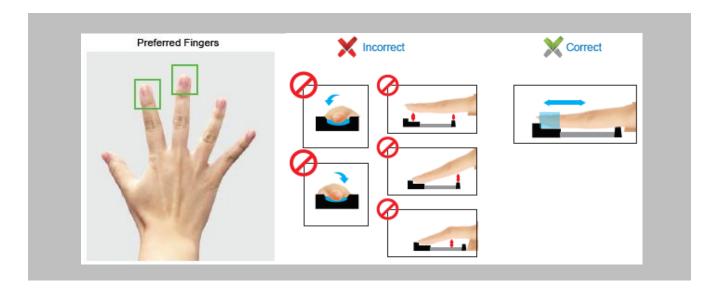


Figure 76: Finger Vein Enrollment Best Practices



Face Enrollment Best Practices

- Invixium recommends standing at 2 to 3 feet from the device when enrolling a face.
- Make sure your entire face is within the frame corners, which will turn green upon correct positioning.
- Look straight at the camera when enrolling your face. Avoid looking in other directions or turning your head during enrollment.

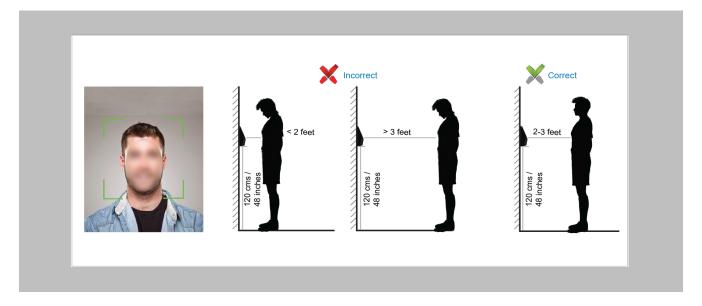


Figure 77: Face Enrollment Best Practices



17. Configuring RIO Settings

Configuring RIO in Config Tool of GSC

Procedure

STEP 1

Log into Config Tool using valid credentials.

STEP 2

Creating Roles and Units.

Navigate to Access Control → Roles and Units



Figure 78: Config Tool – Access Control



Create Access Manager.

Right click on server name → Click on Add an entity → Click on Show all → Click on Access Manager

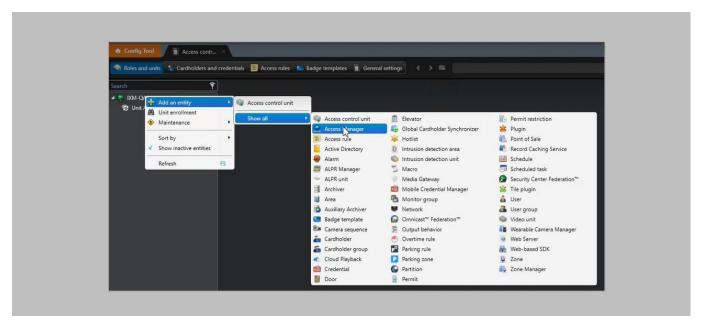


Figure 79: Config Tool – Access Manager



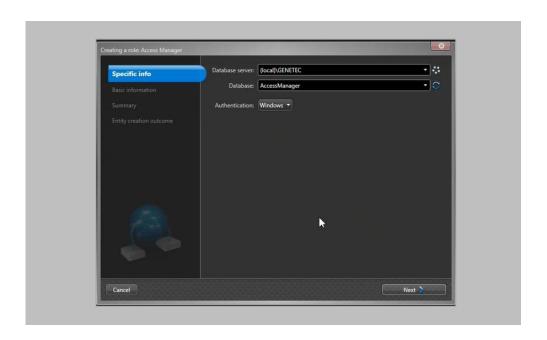
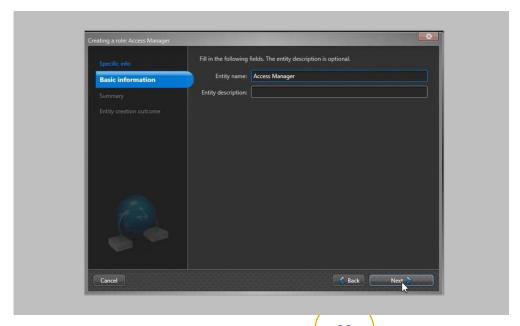
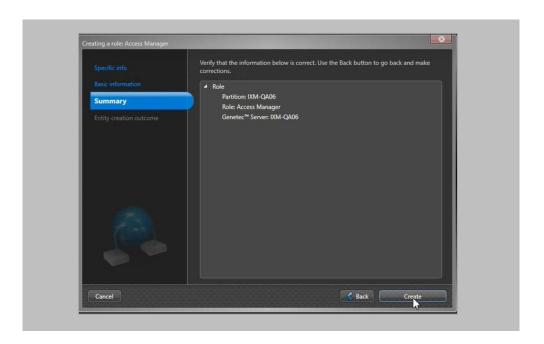


Figure 80: Config Tool – Add Access Manager

Click Next.







Click Create.

Access Manager is created.

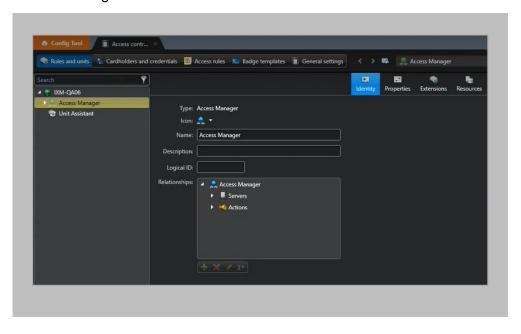


Figure 81: Config Tool – Access Manager created





 $\hat{\mathbb{I}}$ Note: You need to wait till the Access Manager becomes online.

STEP 4

Create Access Control Unit.

Righ click on the Access Manager → Add an entity → Access Control Unit

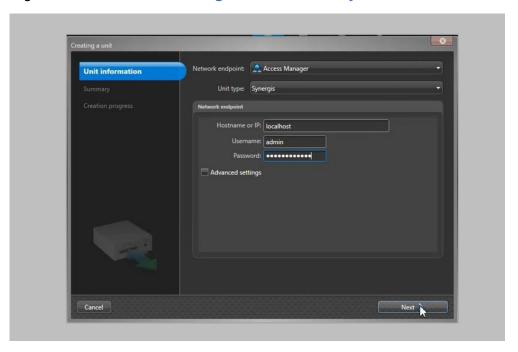


Figure 82: Config Tool – Add Access Control Unit

Hostname or IP

Enter the value of Hostname or IP. For example: "localhost".

Username

Enter authorized User name to access Genetec server.



Password

Enter Password of authorized User to access Genetec server.

Click **Next** and **Create**.

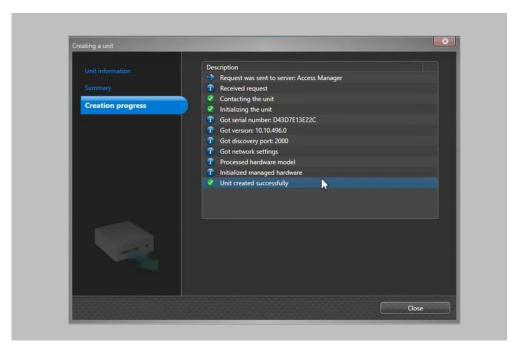


Figure 83: Config Tool – Creating Access Control Unit

Note: Description should show "Unit created successfully".

Click Close.



Access Control Unit is added.

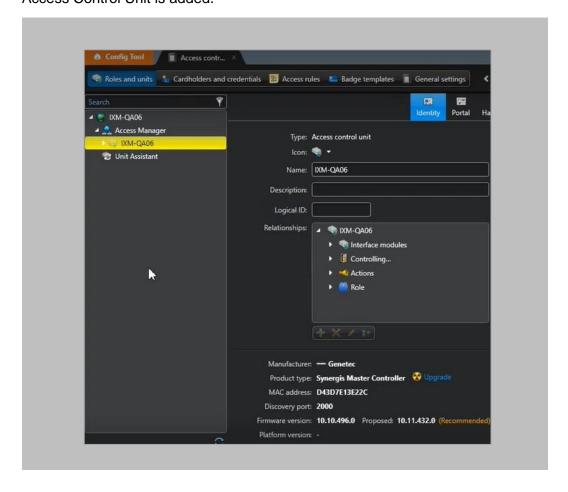


Figure 84: Config Tool – Access Control Unit created



Configuring RIO in IXM WEB

Procedure

STEP 1

Log into IXM WEB using valid credentials.

STEP 2

From the Left Navigation Pane → Link → click the blue Security Center (Genetec) icon.

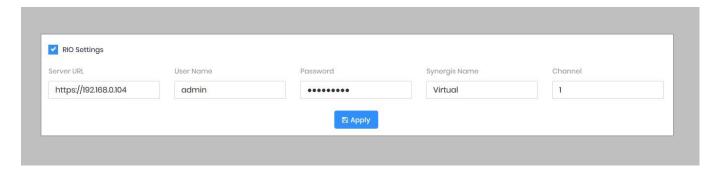


Figure 85: IXM WEB – RIO Settings

RIO Setting

Click on the check box to enable wireless connection to the Control Panel.

Server URL:

Enter Address of Synergis appliance.

User Name:

Enter User name to access Synergis appliance.



Password:

Enter Password to access Synergis appliance.

Synergis Name:

Enter Synergis Name to separate Synergis appliances for setups with multiple appliances.

Devices selected in the next step would be added to this channel on the Synergis appliance. A new channel will be created if required.

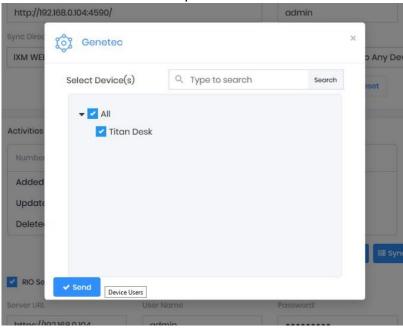


Figure 86: IXM WEB - Channel

Click on target sevices to select.

Click Send.





Note: Clicking **Send** will add each selected Invixium device as an interface on the Synergis appliance. The device name will be the name of the interface. Each interface will be given an input label, "**REX**", an output label, "**Lock**", and a reader label, "**Reader**".

Configuring Invixium Device and Door in Config Tool

STEP 1

Go to Config Tool.

STEP 2

Navigate to Access Manager → Click on the created Access Control Unit → Click on Peripherals tab.

You should be able to see the name of Invixium device in the format:

Invixium – Product Type (Channel name – Invixium device name)

The State of the device should be "Online".

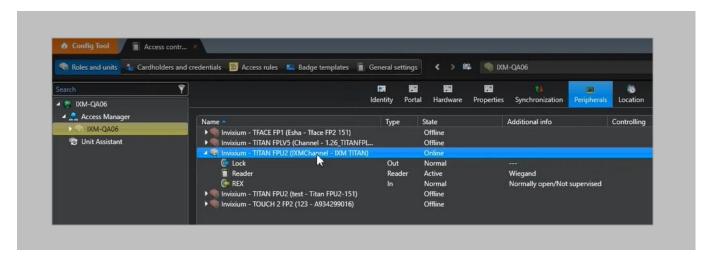
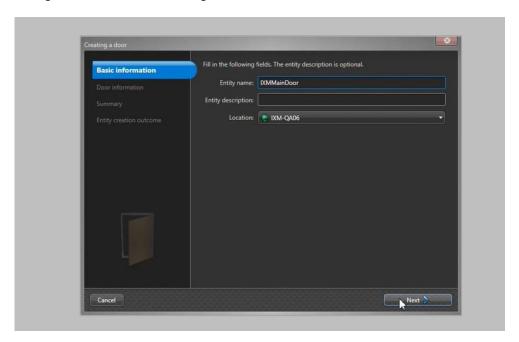


Figure 87: Config Tool – Peripherals



Create an Area or Door.

Navigate to Area View → Right Click on the Server Name → Click on Add an entity → Click on Door



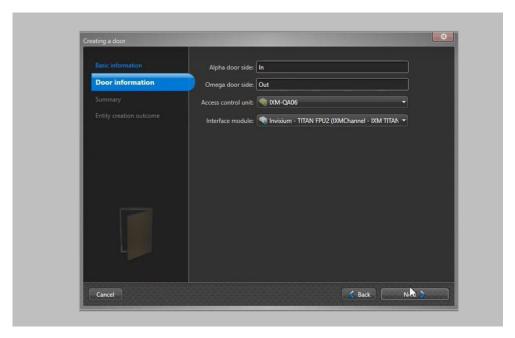


Figure 89: Config Tool – Door Information





Access control unit

Click to select the Access control unit you created from the list.

Interface module

Click to select the Invixium device on which RIO settings were applied.

Click Next and Create.

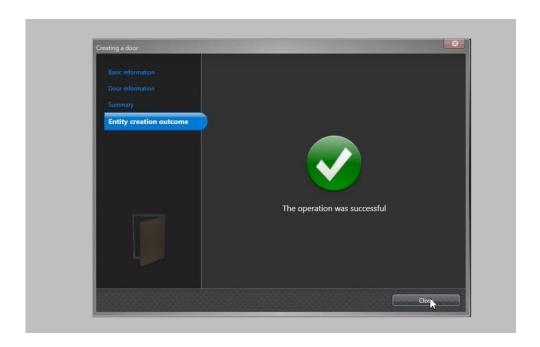


Figure 90: Config Tool – Door is created

Click Close.



Configure the Door.

Navigate to Area View → Click on the Door created by you → navigate to Hardware tab

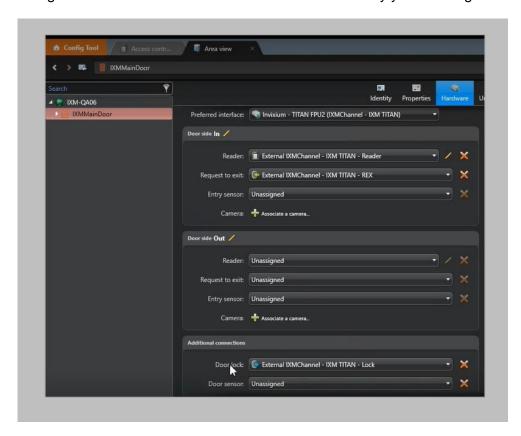


Figure 91: Config Tool – Configuring Door

Note: In case of single Reader, either Door Side In can be configured or Door Side Out and not both of them.



Reader

Click to select the Invixium device reader as External Reader.

Request to exit

Click to select the Invixium device as REX.

Door lock

Click to select the Invixium device for Door lock.

Click Apply.

STEP 5

Configure the Schedule.

Select Door which you have created → Click on Access Rules tab → Click on + icon → Click on All open rule

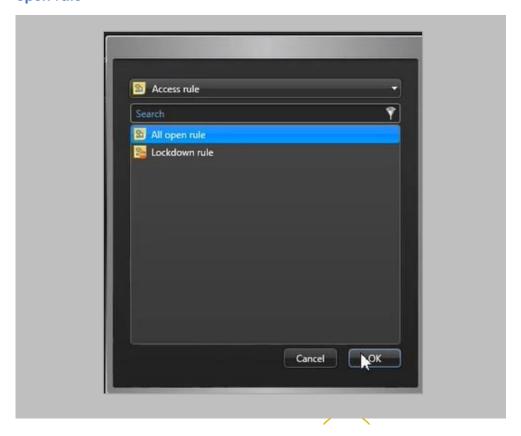


Figure 92: Config Tool – Access Rule



Click OK and Apply.

Monitoring Events and alarms

STEP 1

Log in to Security Desk of GSC and Navigate to Monitoring tab.

STEP 2

You will be able to see the Door that you have configured.

Note: The View Area is empty right now.

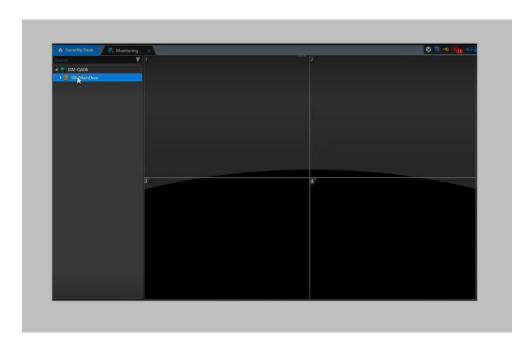


Figure 93: Security Desk – Monitoring



Drag and drop the Door to the View Area.

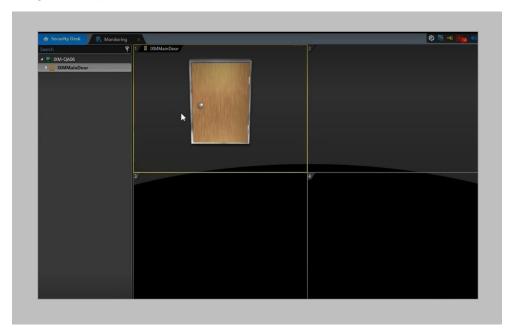


Figure 94: Security Desk – View Area



Perform authetification event on the device and verify the event on Genetec Desk.

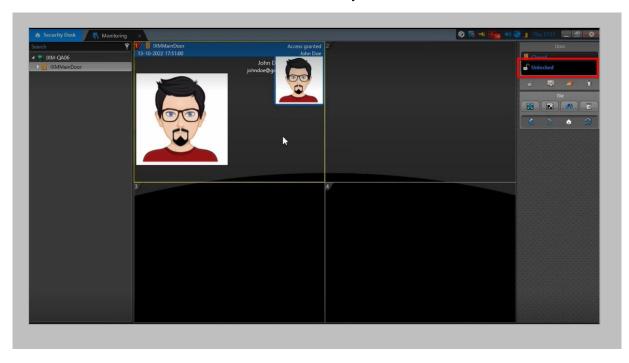


Figure 95: Security Desk – Access Granted



18. Appendix

Installing Invixium IXM WEB with Default Installation using SQL Server 2014

- Note:
 - By default, the IXM WEB installer will install SQL server 2014
 - It is highly recommended to use SQL server 2016 or higher

If it is intended for IXM WEB to use a non-default SQL 2014 installed instance, please refer to Installing SQL Instance.

Procedure

STEP 1

Run the installer.exe

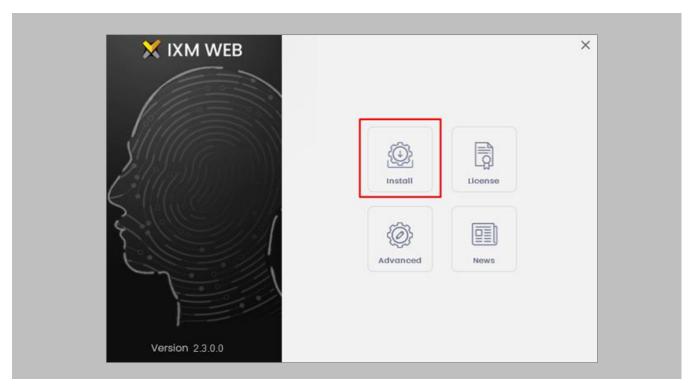


Figure 96: Install IXM WEB



(i)

Note: Installs SQL 2014 Express.

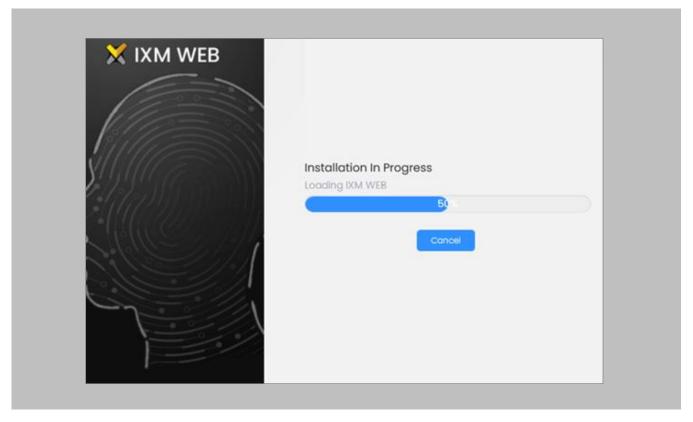


Figure 97: Loading SQL Express & Installation Progress

STEP 2

Once the installation is completed, check these services to make sure they are all running:

- Bonjour
- Invixium Device Discovery
- IXM WEB



Run IXM WEB by selecting it from the Windows Start menu or your desktop.

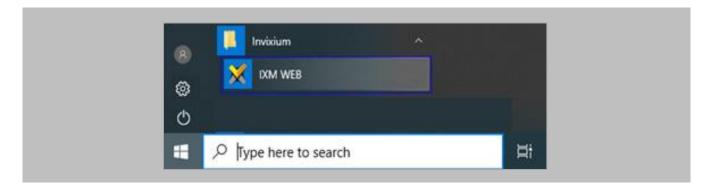


Figure 98: IXM WEB - Shortcut Icon on Desktop

STEP 4

Select Windows Authentication and the SQL Server Name, then click on Connect.

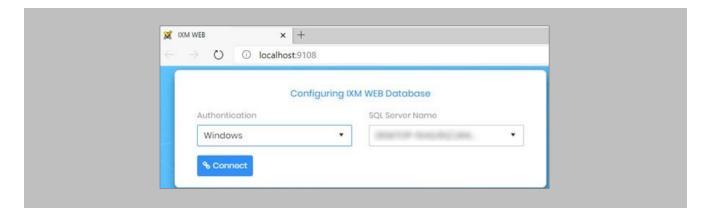


Figure 99: IXM WEB - Configuring IXM WEB Database

STEP 5

Select the **Database Name** and then click **Next**.





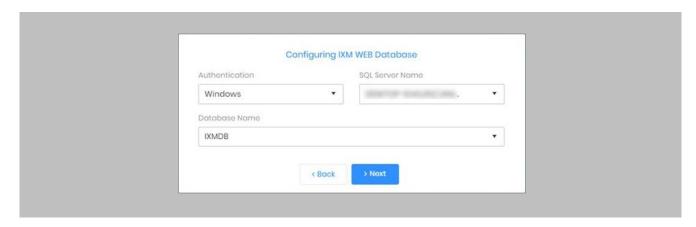


Figure 100: IXM WEB - Select Database Name

Fill in the fields under the Create Account section and then select Save At Server URL.

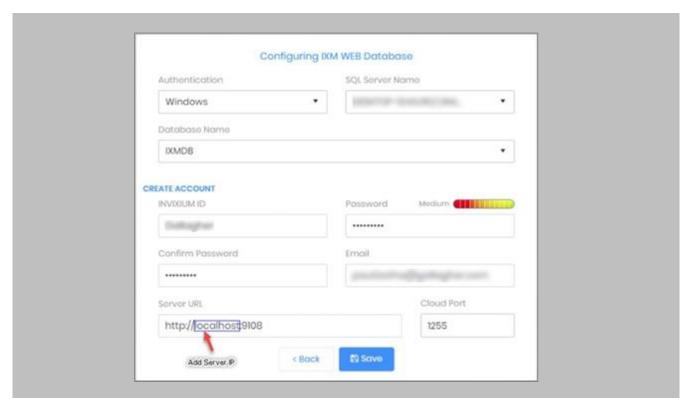


Figure 101: IXM WEB - Server URL format





Use the server machine's IP Address which will interface with the Invixium reader.



Pushing Configuration to Multiple Invixium Readers

Procedure

STEP 1

To push these configurations to other Invixium readers, while the configured Invixium device is selected, click the **Broadcast** option on the right-hand side.



Figure 102: IXM WEB - Broadcast Option

STEP 2

Scroll down to the Access Control section and check the Wiegand Output option.

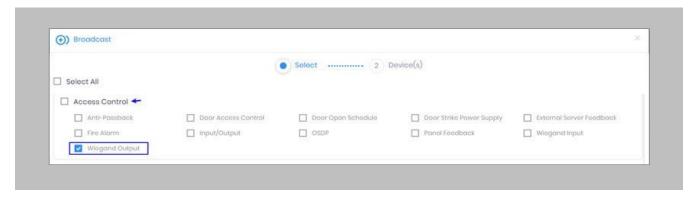


Figure 103: IXM WEB - Wiegand Output Selection in Broadcast



Click Broadcast.

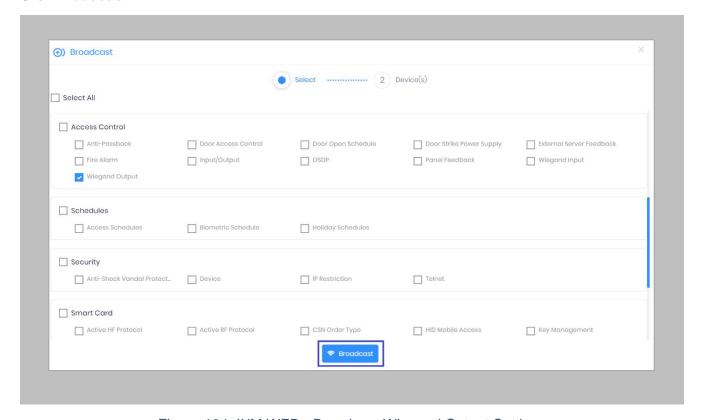


Figure 104: IXM WEB - Broadcast Wiegand Output Settings



Select the rest of the devices in the popup. Click **OK** to copy all Wiegand output settings of the source device to all destination devices.

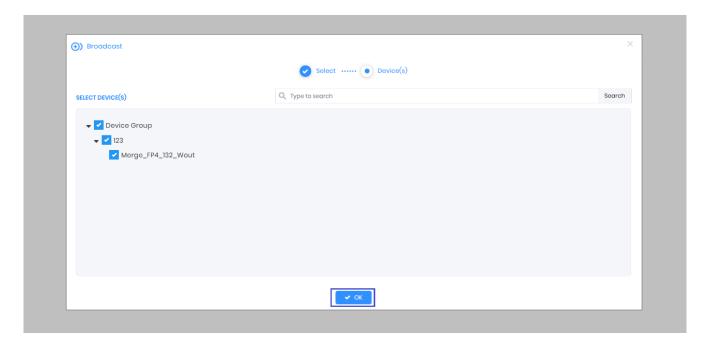


Figure 105: IXM WEB - Broadcast to Devices



Configuring for OSDP Connection

STEP 1

From **Home**, click the **Devices** tab. Select the required **Device** and navigate to **Access Control**. Click **OSDP**.

By default, the OSDP configuration is turned OFF. Enable the OSDP by toggling the switch to ON.

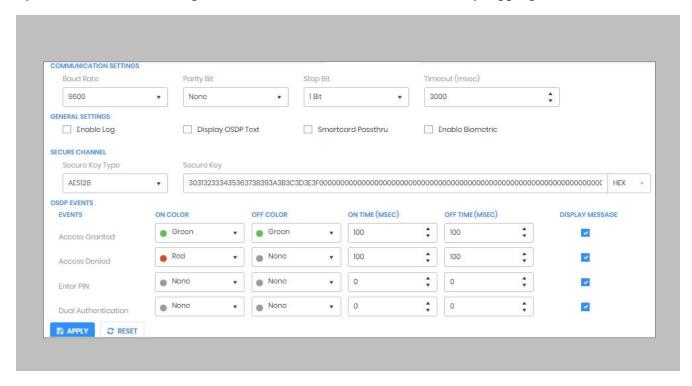


Figure 106: IXM WEB - OSDP Settings



STEP 2
Provide values for the configuration settings below:

Baud Rate	The baud rate of the serial communication. The value must be the same as the Access Control Panel's value.
Parity Bit	The parity bit of the serial communication. The value must be the same as the Access Control Panel's value.
Stop Bit	The stop bit of the serial communication. The value must be the same as the Access Control Panel's value.
Enable Log	This logs OSDP events for support and debugging purposes. Invixium recommends disabling this feature unless needed.
SmartCard Passthru	When presenting a smart card, the device passes the smart card CSN (Card Serial Number) to the Access Control Panel without taking any other action.
Enable Biometric	Enables biometric template verification.
Secure Channel	The secure key is provided by your Access Control Panel most of the time. However, provisions for manual entry can be added as TEXT or HEX.
Event	The OSDP static events for panel feedback and capture pin are: Access Granted Access Denied Enter PIN Dual Authentication – It is an access mode that requires valid access by two authorized cardholders to enter an access zone within a specified time period. This feature is available only if the Multi-User Authentication feature is enabled and configured. To configure the Multi-User Authentication feature, from Home, click the Devices tab. Select the required Device and navigate to General Settings. Click on the Multi-User Authentication section. Upon enabling this feature, the following actions will be performed:
	The Device will request the credentials of the second



	 user after the first user is authenticated successfully. Card numbers for both, the first and the second user will be transferred to the Access Control Panel. Two events, one for the first user and the other for the second user will be logged into the Access Control Panel.
	The LED color configuration is based on panel events. The value must be the same as the Access Control Panel's value. Options are:
On Color/Off Color	RedGreenYellowBlue

Table 5: IXM WEB - OSDP Configuration Options

Note: Mismatches between the unit and Access Control Panel LED configuration would cause unrecognized events.

Display OSDP Text	Enables to display OSDP Text.
Display Message	Notification on the device's screen. If enabled: Displays both the unit hardcoded notification and the Access Control Panel notification. IXM notification - Access Granted or Access Denied. Access Control Panel notification – Valid or Invalid. If disable: Displays only the Access Control Panel notification.

Table 6: IXM WEB - OSDP Text Options



Click Apply to save the settings.



Figure 107: IXM WEB - Save OSDP Settings

STEP 4

Open the edit option on the reader and note the **Device ID**. This will be the address used in the configuration of the reader in the Security Center.

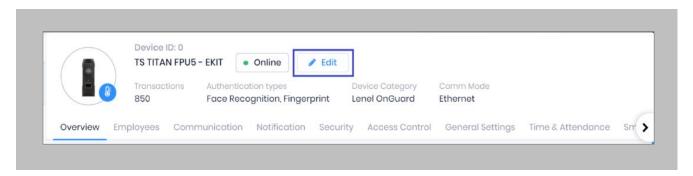


Figure 108: IXM WEB - Edit Device



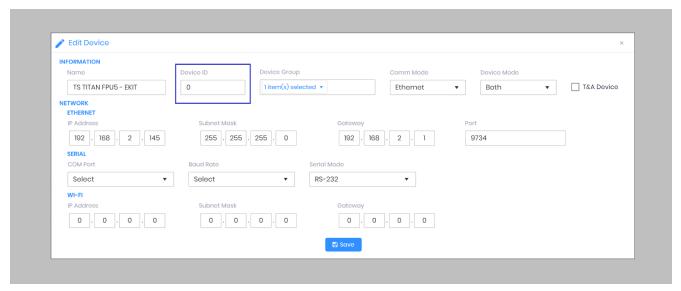


Figure 109: IXM WEB - Edit Device Options

Wiegand Input and output also need to be **configured** to allow OSDP communication to work. Create the same settings for Wiegand connections as you did previously.

STEP 6

Disable Panel feedback for any OSDP-connected reader to stop multiple access granted messages from being sent to Security Center.

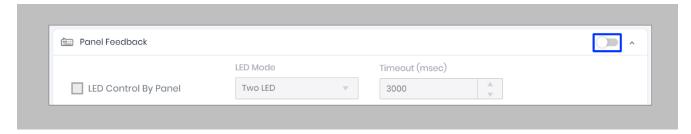


Figure 110: IXM WEB - Disable Panel Feedback





Wiring and Termination

Procedure

Earth Ground

For protection against ESD, Invixium recommends the use of a ground connection between each Invixium device to high-quality earth ground on site.

STEP 1

Connect the green and yellow earth wire from the wired back cover.

STEP 2

Connect the **open end** of the earth ground wire provided in the install kit box to the **building earth** ground.

STEP 3

Screw the lug end of the earth ground.

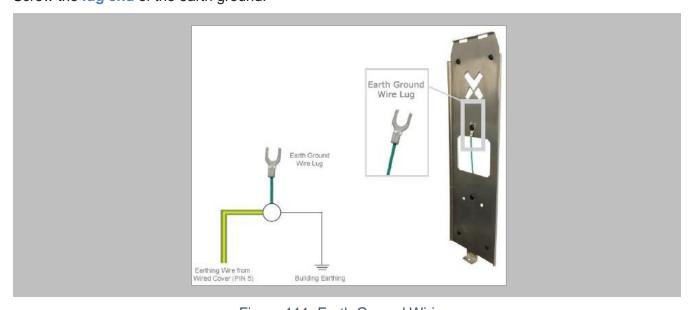


Figure 111: Earth Ground Wiring



Wiring

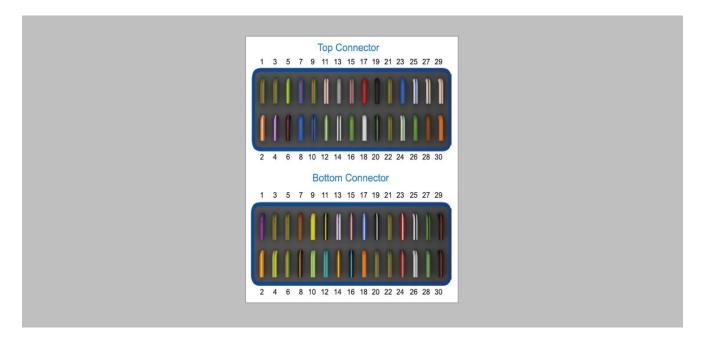
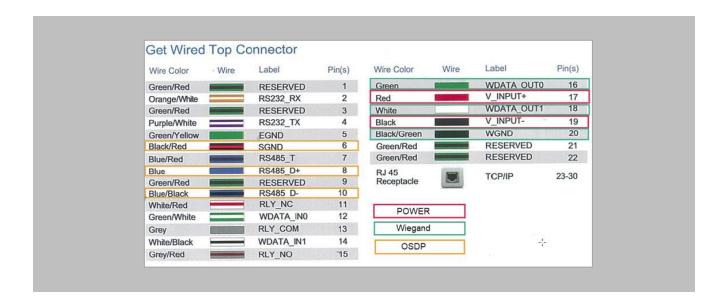


Figure 112: IXM TITAN – Top & Bottom Connector Wiring





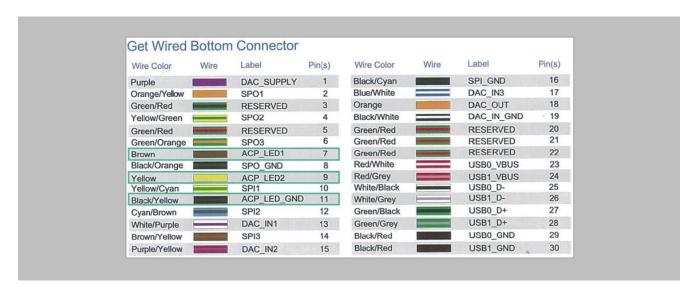


Figure 113: Power, Wiegand & OSDP Wires



All Invixium devices support Wiegand, OSDP and RIO protocol (wireless).

Invixium devices can be integrated with Genetec Controller on:

- 1. Wiegand (one-way communication)
- 2. Wiegand with panel feedback (two-way communication)
- 3. OSDP (two-way communication)

Wiegand Connection

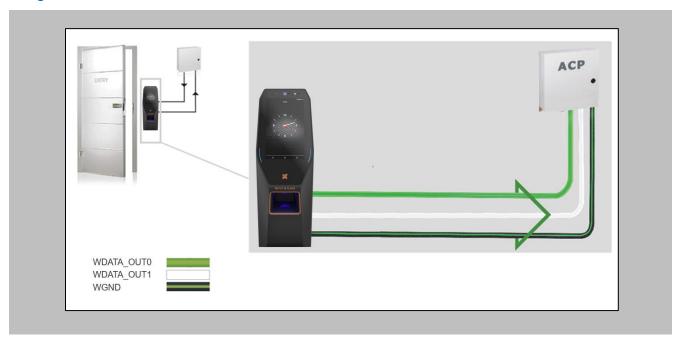


Figure 114: IXM TITAN - Wiegand

Please refer to the INGUIDE document provided for each product on Invixium.com under the **Download** section of the **Products** menu.



Wiegand Connection with Panel Feedback

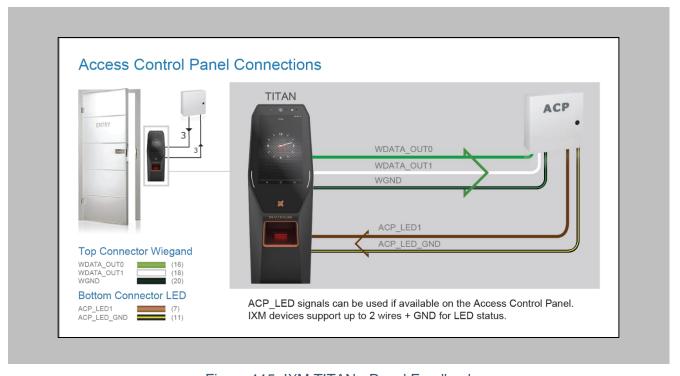


Figure 115: IXM TITAN - Panel Feedback

Please refer to the INGUIDE document provided for each product on Invixium.com under the **Download** section of the **Products** menu.



OSDP Connections

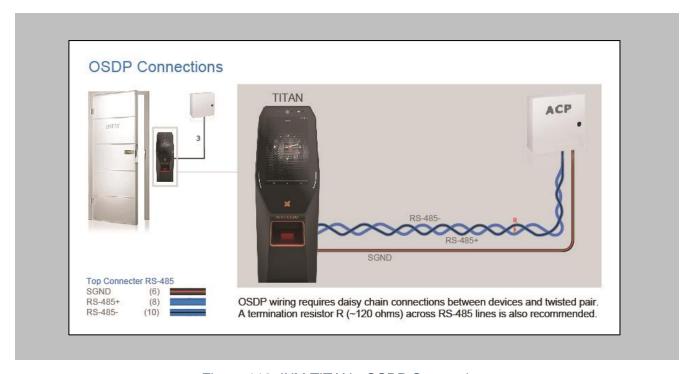


Figure 116: IXM TITAN - OSDP Connections

Please refer to the INGUIDE document provided for each product on Invixium.com under the **Download** section of the **Products** menu.



19. Troubleshooting

Reader Offline from the IXM WEB Dashboard

Note: Confirm communication between the IXM WEB server and the Invixium reader.

Procedure

STEP 1

From Home, click the Devices tab.

STEP 2

Select any device.

STEP 3

Navigate to the **Communication** tab.

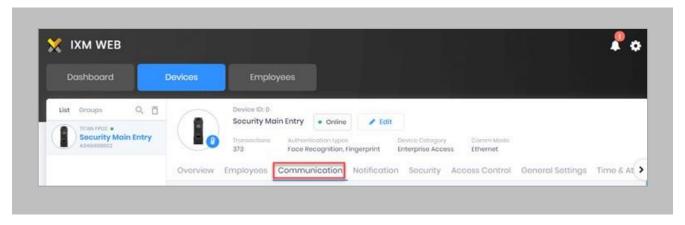


Figure 117: IXM WEB - Device Communication Settings



Scroll down and click on IXM WEB Server.



Figure 119: IXM WEB - Server URL Setting

Ensure the correct IP address of the server is listed here. If not, correct and apply.

STEP 5

Enter the IP address of the Invixium server followed by port 9108.

Format: http://IP_IXMServer:9108



Navigate to General Settings and make sure that the URL reflects the same setting.

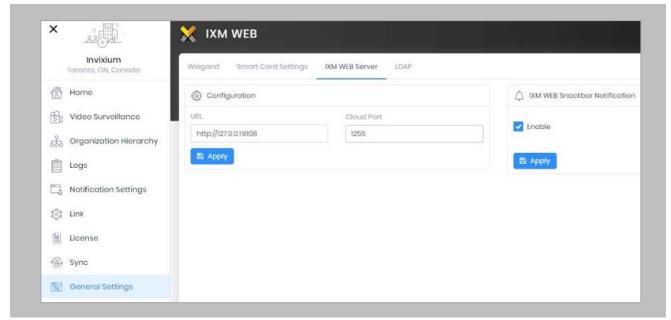


Figure 121: IXM WEB - Server URL Setting from General Settings



Elevated Body Temperature Denied Access but Granted Access in Security Center

Procedure

STEP 1

Ensure that Thermal Authentication is selected to none from IXM WEB → Device → Access control settings → Wiegand Output.

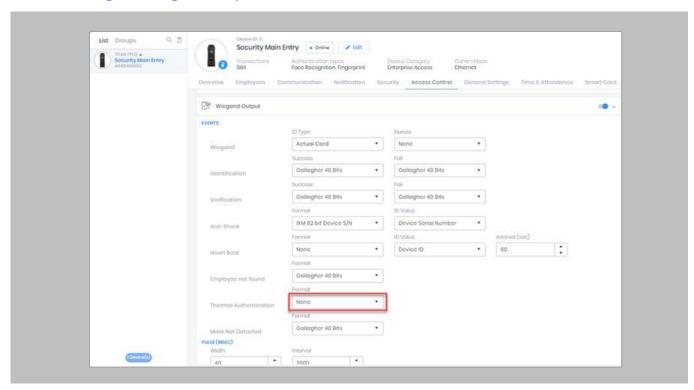


Figure 123: IXM WEB - Thermal Authentication Wiegand Output Event

(i)

Note: If Thermal Authentication events are configured for any format, it generates Wiegand output accordingly for a high-temperature event.





Logs in IXM WEB Application

Device Logs: Device Logs are used for debugging device-related issues.

From Home \rightarrow Click the Devices Tab on the top \rightarrow Select the required Device \rightarrow Navigate to the General Settings tab for the device \rightarrow Click on Device Log \rightarrow Enable Capture Device Logs.



Figure 124: IXM WEB - Enable Device Logs

Click **Download** to initialize the process to download the device log file.

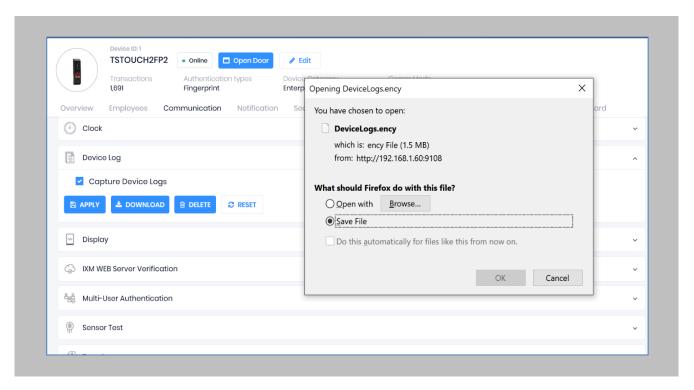




Figure 126: Save Device Log File

Select Save File and Click **OK** to store the device log file on your machine.

Transaction Logs (TLogs): Events or activities taking place on the IXM device.

- Transactions Logs can be viewed and exported from IXM WEB.
- Go to Logs in the Left Navigation pane in IXM WEB and click on Transaction Logs. A filter option is available in Transaction Logs columns.

Application Logs: Applications logs are available for any event, error, or information generated in IXM WEB.

- Applications Logs can be viewed and exported from IXM WEB.
- Go to Logs in the Left Navigation pane in IXM WEB and click on Application Logs. The filter option is available in the Application Logs columns.

Logs folder location on IXM WEB Server:

IXM WEB Logs	C:\Program Files (x86)\Invixium\IXM WEB\Log
IXM WEB Service Logs	C:\Program Files (x86)\Invixium\IXMWebService
IXM API Logs	C:\Program Files (x86)\Invixium\IXMAPI\Log

Table 7: Logs Folder Location



Unable to connect to the Genetec Server

Procedure

STEP 1

Note: Confirm module activation

Navigate to Licence, and check ACTIVATION HISTORY. If not there, request a Licence.

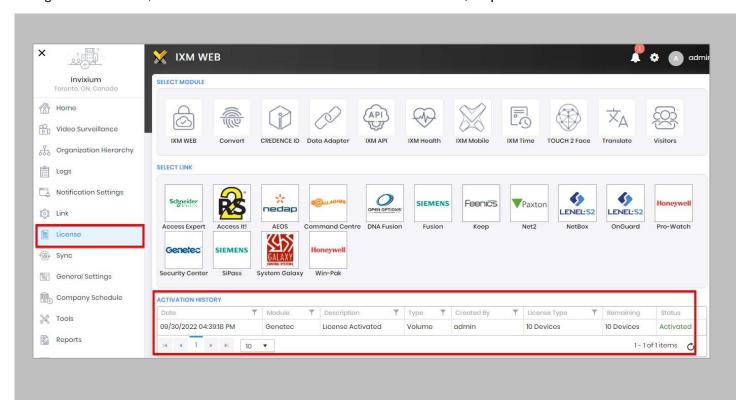


Figure 127: IXM WEB - Licence Module



Note: Confirm WEB SDK is enabled.

From Link, click the Security Center tab. Ensure the correct WEB API URL of the server is listed.

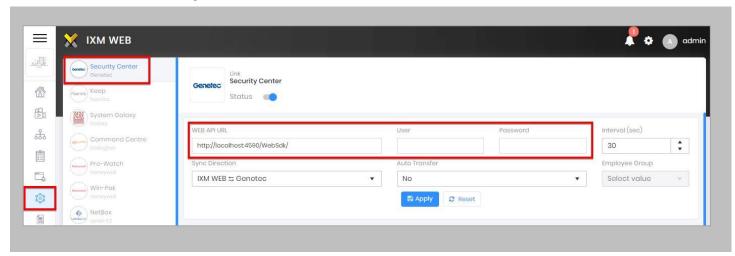


Figure 128: IXM WEB - Genetec Link Module

STEP 3

Note: Confirm parameters entered to connect to the Genetec server.

Ensure the correct **User** who is authorized to connect to the WEB SDK of Genetec Security Center is listed here. If not, **correct** and **apply**.

Ensure the correct **Password** of the user who is authorized to connect to the WEB SDK of Genetec Security Center is listed here. If not, **correct** and **apply**.

Note: If you are still facing problem with connection, please email logtxt.txt file to support@invixium.com.

This file is available at the following path:

Program Files (x86)\Invixium\IXM WEB\Log



20. Support

For more information relating to this document, please contact support@invixium.com.

21. Disclaimer and Restrictions

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