Before You Begin

The Intelli-M Access software can be used in conjunction with the eIDC. Use Intelli-M Access to manage, view, and report activity through an eIDC controlled network. This guide contains brief instructions for installing and configuring the software package. Install eIDC hardware components and software as instructed in this document. It is recommended that you familiarize yourself with these instructions before beginning installation. The Installation and Reference manuals contain more detailed information. These manuals are located on our website at www.infinias.com.
Intelli-M Access Communication
Server Configuration

You must configure your server for Intelli-M Access operation. Intelli-M Access can be installed on the following server operating systems:
- Microsoft® Windows® Vista® Servers
- Microsoft Windows Server 2008

VISTA SERVER CONFIGURATION

1. Power up the server.
2. Navigate the following path: Start > Control Panel > Programs > Turn Windows Features On or Off > Internet Information > World Wide Web Services > Application Development Features.
3. Select ASP.NET. The .NET Extensibility ISAPI Extensions and the ISAPI Filters options will automatically be selected, as shown in Figure 3.

Figure 3. .NET Extensibility ISAPI Selections
4. Click OK.
5. Navigate the following path: Message Queue (MSMQ) Server > Microsoft Message Queue (MSMQ) Server Core.
6. Select the MSMQ HTTP Support, MSMQ Triggers, and Multicasting Support options, as shown in Figure 4.

![Figure 4. MSMQ Server Core Selections](image)

7. Click OK. Close the window when the configuration process is done.
8. Install the Intelli-M Access software.
   a. Download the Intelli-M Access software from the infinias website: www.infinias.com.
   b. Double-click the setup.exe application icon.
   c. Click “Run” to launch the installer.
   d. Follow the screen prompts to create the Intelli-M Access database.
e. When prompted, click Yes.

f. Following the system reboot, click “Run” to continue the installation. The system will install the .NET Framework. This can take up to 30 minutes.

g. On the Database Server screen, identify the location for the Intelli-M Access database server (refer to Figure 5).
   • Select “Yes…” to install a database server on this computer.
   • Select “No…” to use an existing database server.

![Database Server Selection](image)

Figure 5. Database Server Selection

**NOTES:**

- If SQL has not been installed, Select “Yes…”
- When prompted, create a strong database password. Enter a combination of upper case, lower case, and numbers.
- Select “Complete” for the Setup Type.
- Click the “Install” button.
- Click “Finish” to close the Intelli-M Access installer.
1. Power up the server.
2. Press the Ctrl+Alt+Delete keys, and enter the server password.
3. Navigate the following path: Start > Control Panel > Administrative Tools > Server Manager.
4. Click “Add Roles” to display the Add a Roll section.
5. Go to the Web Server (IIS) section.
6. Click “Add A Required Feature” and click “Next.”
7. Go to the Application Development section.
8. Select “ASP.NET.”
9. Click “Add Required Role Services” and click “Next.”
10. Click the “Install” button.
11. Click “Features” to display the Features section.
12. Click “Add Features.”
13. Select “Message Queuing” and click “Next.”
14. Click the “Install” button.
15. Exit the Configuration window.

1. Power up the server.
2. Navigate the following path: Start > Settings > Control Panel.
3. Click “Add or Remove Programs.”
4. Click “Add/Remove Window Components” (which can be found on the left-side margin). The Windows Component window will be displayed.
5. Depending on the Operating System installed, select (i.e., check mark) either “Application Server” or “Message Queueing” along with “Accessories And Utilities.” Refer to Figure 6. Then click “Next.”
6. If “Message Queuing” was selected, the install Wizard will complete the configuration. Click the “Finish” button and then restart the machine if requested to do so. Go to Installing The Intelli-M Access Software on page 18.

If “Application Server” was selected, the Application Server window will be displayed. Select (check mark) all of the components, and click “Next.”

7. The Internet Information Services (IIS) window will be displayed. Select “Internet Information Services Manager” and “World Wide Web.” Then click the “Next” button.

8. The World Wide Web Service window will be displayed. Select “World Wide Web Service” and then click the “Next” button.

9. The Message Queuing window will be displayed. Select “Active Directory Integration,” “Common,” and “MSMQ HTTP Support.” Then click the “Next” button.

10. Click the “Install” button.

11. Exit the Configuration window.

INSTALLING THE INTELLI-M ACCESS SOFTWARE

To install the Intelli-M Access software:
1. Download the Intelli-M Access software from the infinias website: www.infinias.com.
2. Double-click the setup.exe application icon.
3. Click “Run” to launch the installer.
4. Follow the screen prompts to create the Intelli-M Access database.
5. When prompted, click “Yes.”
6. Following the system reboot, click “Run” to continue the installation.
   **NOTE:** When prompted, create a strong database password. Enter a combination of upper case, lower case, and numbers.
7. Select “Complete” for the Setup Type.
8. Click the “Install” button.
9. Click “Finish” to close the Intelli-M Access installer.
USING PROGRAM DEFAULTS TO TEST SYSTEM

Intelli-M Access provides software default settings for each stage of configuring access control for a door. This allows you to quickly and easily program and test the system before programming Intelli-M Access for multiple doors.

1. Launch your web browser and enter the IP address for your Intelli-M Access Server.

2. Login to Intelli-M Access. The default user name and password is Admin.

3. Two zones are created by default: “Inside” and “Outside.” A zone is an area created by a door, and every door is located between two zones. To view the two default zones:
   a. Click “Configuration” in the upper right-hand corner of the screen.
   b. Click Views – “Zones.”

4. Two schedules are created by default: “Always” and “Never.” Schedules are used to determine when a door can be accessed, and by whom. To view the default schedules:
   a. Click the “Schedules” tab.

5. One Door Behavior is created by default: “Always Locked.” Door behavior can be thought of as how the door will react when presented with an accessed card. This is usually dependent upon the time and the day.
   a. Click the “Doors” tab.
   b. Click Views – “Behaviors.”
   c. The default Door Behavior “Always Locked” will be shown.

6. Create a Door. This is the door that will have assigned to it an eIDC previously installed, and the zones, schedule, and door behavior defined in the above steps.
   a. Click Views – “Doors.”
   b. Click Actions – “Create Door.”
c. Complete all of the fields in the “Create New Door” window. Refer to Figure 6.

![Figure 7. Example Create New Door](image)

**NOTE:** The Test Connect button can be used to verify the connection, IP address, and serial number of the eIDC for the door.

d. Click the “Save” button. The device status will indicate that it needs to be updated.

7. One default access group is provided by the Intelli-M Access software that will have access to the door. The default group is: “Everyone.” To view the default:
   a. Click the “Groups” tab.

8. Privileges gives a person or group access to a door on a schedule. The default privilege is “Everyone.” The “Everyone” default privilege will have a zone set for “Inside,” and the schedule set for “Always.” To view the default privilege:
   a. Click the “Privileges” tab.
9. Intelli-M Access provides a default cardholder so that the system can be verified as operational. You will need a smart card with a known card number and site code, and that data must be added to the credentials of the default cardholder in order to activate the card. The default cardholder can be viewed and edited by doing the following:
   a. Click “Home” in the upper right-hand corner of the screen.
   b. Click the “People” tab.
   c. Double click the default cardholder in order to open the “Update Person” window.
   d. Type the site code and card number of the card into the appropriate fields.
   e. Click the “Save” button.
   f. Click Views – “Groups.”
   g. Double-click the default Access Group called “Everyone” (from Step 7) to open the “Edit Group” window.
   h. Click to highlight the default cardholder you edited, and then click the arrow button to add the cardholder to the “People In Group” area.
   i. Click the “Save” button.

10. Update the eIDC.
   a. Click “Configuration” in the upper right-hand corner.
   b. Select the name of the door to be updated.
   c. Click Actions – “Update Door.” The Device Status will change to “Currently updating,” and then to “Online.”

11. Verify system operation at the card reader.
   a. Click “Home” in the upper right-hand corner of the screen.
   b. Click Views – “Events.”
   c. Swipe the card at the card reader. The event should appear in the Events window.
PROGRAMMING A MULTIPLE DOOR SYSTEM

For buildings that have more than one door that must be programmed for access control:
1. Launch your web browser and enter the IP address for your Intelli-M Access Server.
2. Login to Intelli-M Access. The default user name and password is Admin.
3. Create within intelli-M Access the following for each door:
   a. Two zones
   b. A schedule
   c. A door behavior
   d. The door (type)
   e. A group or groups
   f. Privileges for each group
   g. People (cardholders) within each group
4. The eIDC for the door should then be updated (which programs into the eIDC the data created in Step 3).

HOW TO CREATE ZONES
1. Click “Configuration” in the upper right-hand corner of the screen.
2. Click “Zones.”
3. Click Actions – “Create Zone.”
4. Enter the Zone Name and then click the “Create” button.
5. Repeat Step 3 to create another zone.

HOW TO CREATE A SCHEDULE
1. Click the “Schedules” tab.
2. Click Actions – “Create Schedule.”
3. Enter a Schedule Name.
4. Click and drag the mouse over the days and times to identify a block of time when the door can be accessed. Figure 7 shows a block of time from 7:30 am to 6 pm, Monday through Friday.

![Figure 8. Example Door Schedule](image)

5. Click the “Create” button.

**HOW TO CREATE A DOOR BEHAVIOR**

1. Click the “Doors” tab.
2. Click Views – “Behaviors.”
3. Click “Create Behavior.”
4. Enter the Name. Then select the Unlock Schedule and Normal Card Mode settings.
5. Click the “Create” button.

**HOW TO CREATE A DOOR**

1. Click Views – “Doors.”
2. Click “Create Door.”
3. Complete all of the fields in the “Create New Door” window.

   **NOTE:** The Test Connect button can be used to verify the connection, IP address, and serial number of the eIDC for the door.

4. Click the “Save” button. The device status will indicate that it needs to be updated.
HOW TO CREATE A GROUP
1. Click the “Groups” tab.
2. Click the “Create” button.

HOW TO CREATE PRIVILEGES FOR GROUP
1. Click the “Privileges” tab.
2. Click Actions – “Create New Privilege.”
3. Select a Group Name, Zone Name, and Schedule Name for the Privilege.
4. Click the “Create” button.

HOW TO CREATE A PERSON (CARDHOLDER)
   NOTE: For installations with multiple card holders, refer to the online help section entitled “Bulk Import.”
1. Click “Home” in the upper right-hand corner of the screen.
2. Click the “People” tab.
3. Click Actions – “Create Person.”
4. Complete the fields necessary for the person.
   NOTE: The Site Code and Card # fields require entry.
5. Click the “Create” button.
6. Click Views – “Groups.”
7. Double-click the Access Group name you created in Step 7.
8. Select the name of the person you created, and then click the arrow button to add that person to the Group.
9. Click the “Save” button.

HOW TO UPDATE AN eIDC
1. Click “Configuration” in the upper right-hand corner.
2. Select the name of the door to be updated.
3. Click Actions – “Update Door.” The Device Status will change to “Currently updating,” and then to “Online.”