



Aerospace Software and Data Services (ASDS) Wireless Service Management ADG100 (DLMU-W) Guide

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Configuring Wireless Service(s)

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Role Administration

Managing Wi-Fi Certificates

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The Wireless Service Management helps to:

- Download Configuration File
- Upload the Configuration File to ADG100
- Install Client Certificates
- Connect the Client Certificate to ADG100

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Accessing Wireless Service Downloading Configuration File Uploading the Configuration File to ADG100

Installing Client Certificates Connecting Client Certificate to ADG100

To access wireless service

- 1. Login to ASDS by typing https://ads.honeywell.com in your browser.
- 2. On the ASDS Dashboard page, click **()** Wireless Service Management.

erospace Software and Dat	a Services (ASDS)		Need He
My Downloads	Purchase/Subscribe Software	GoDirect Services	View & Pay Invoices
Download NavDBs And EGPWS Files	Request Primus EPIC Wireless Activation	One place to view/renew current purchases/manage subscriptions for your Honeywell Aerospace Services	View all your pending invoices
GO TO MY DOWNLOADS	PURCHASE/SUBSCRIBE SOFTWARE	REVIEW RENEWALS	VIEW & PAY
mportant Links			
Customer Support Contact Us. Get answers to your questions.	· · · ·	0 & ADG 300 Management Se	rrain Database(EGPWS) rvices Bulletin wnload your service bulletin today !

The Manage Wireless Gateway page appears.

		Manage Wireless Gateway Manage User Access Manage Wifi Certificate
Aircraft Data Gateway 100 Pha	ase - 1 (Wireless Data LAN Managen	ent Unit) PN: G7229-00x
	Customer	Part Number
	DLMUW Test Customer	Fleet Configuration : 60004509-000001
Download Configuration files to set up	the Aircraft Data Gateway 100 for Wireless Ac	cess
View Applicable Aircrafts		Download Fleet Configuration

Contents

Accessing Wireless Service

Downloading Configuration File

Uploading the Configuration File to ADG100

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To download the configuration file

1. Click **ODWNLOAD FLEET CONFIGURATION** to download the configuration file needed to setup the DLMUW.

The Save As dialog box appears and enables you to browse and select the location to download the zip file.

NOTE:

- Use a Personal Computer (PC) or Laptop to download the configuration file.
- Do not unzip this file as it is not a standard zip file.

		Manage Wireless Gateway	Manage User Access	Manage Wifi Certificates
Aircraft Data Gateway 100 Ph	ase - 1 (Wireless Data LAN Managemen	t Unit) PN: G7229-00x		
	Customer	Part Number		
	DLMUW Test Customer	Fleet Configuration : 60004509	-000001	
Download Configuration files to set up	o the Aircraft Data Gateway 100 for Wireless Acces	s		
View Applicable Aircrafts		Download Fleet Configuration		

2. Click **1** VIEW APPLICABLE AIRCRAFTS to view the list of aircraft tail numbers where the configuration file can be used.

		Manage Wireless Gateway	Manage User Access	Manage Wifi Certificates
Aircraft Data Gateway 100 Pl	nase - 1 (Wireless Data LAN Mar	nagement Unit) PN: G7229-00x		
	Customer	Part Number		
	DLMUW Test Customer	Fleet Configuration : 60004509	-000001	
	up the Aircr 1 Data Gateway 100 for Win			
View Applicable Aircrafts		Download Fleet Configuration		

NOTE: You can reset the ADG100 to factory default by downloading the **dlmuwcfg_reset.zip** file from the **Additional Actionss** section on the **Manage Wireless Gateway** page. The process of loading the reset configuration file is the same as that of the **Uploading the Configuration File to ADG100**. However, loading the reset configuration file disables the wireless access on the ADG100.

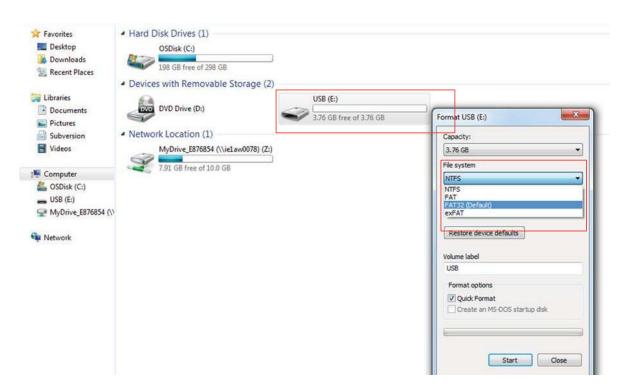
Additional Actions	Additional Links
Download factory defaults Disables wireless access on your Aircraft Data Gateway 100 (DLMU-W)	Download Instructions

Accessing Wireless Service Downloading Configuration File Uploading the Configuration File to ADG100

Installing Client Certificates Connecting Client Certificate to ADG100

To upload the configuration file to ADG100

1. Connect the USB Drive to your Windows based computer and format it to FAT32. Then, download or copy the Configuration File into FAT formatted USB Drive's root directory.



2. Eject the USB from the PC and plug USB drive (loaded with configuration file from the PC) to the ADG100.

NOTE: Before plugging the USB, make sure the power to the DLMUW is on and that there is an SD card in slot number 1.



www.honeywell.com

3. To initiate the configuration loading, toggle the Wi-Fi Switch from ON to OFF (i.e from In/Depressed to Out/Extended) on ADG100 to update the latest configuration.



NOTE: During the load process, both lights will flash amber. When both the lights turn green; it indicates that the configuration loading is successful. If the left light flashes and the right light is steady amber, it indicated that the configuration has failed. The ADG100 will write a status file to the USB with the file name install_tailnumber.log.



Following is the list of files transferred during the load process:

Filename	install_tailnumber.log	Tail number is the SSID or incrementing number if the SSID is not set and a copy of install_tailnumber.log is present on the media.
	command complete	Candidate file validated, and stored to persistent memory configuration part number version number
Content	File integrity fault	Candidate file decryption failed
Content	File version fault	Candidate file version not greater than or equal to current version
	Tailnumbermismatch	Tail number from APM not found in candidate file

4. Reboot the ADG100 by removing the USB from the ADG100 device. Toggle the Wi-Fi Switch from **OFF** to **ON** (pressed - green light) on ADG100 to update the latest configuration.



Cycle power to the ADG100 once configuration file load is complete. It can take up to one minute for ADG100 to complete self-test and activate Wi-Fi.

Accessing Wireless Service Downloading Configuration File Uploading the Configuration File to ADG100

Installing Client Certificates Connecting Client Certificate to ADG100

You can install the client certificate on an iPad and Windows Tablet.

Pre-requisites: To install the client certificates, you must ensure that the Wi-Fi certificate is added in the Enterprise Portal and is downloaded for the respective device. For more information on adding a Wi-Fi certificate, downloading client certificate and other operations, see **Managing Wi-Fi Certificates**.

Installing Client Certificate on iPad

To install the client certificate on an iPad

- 1. Re-login to ASDS website (https://ads.honeywell.com) either through an iPad (recommended) Safari browser or through a personal computer.
- From the ASDS dashboard, click Wireless Service Management, and then click Manage Wi-Fi Certificates. The list of added certificates is displayed.

eview the WiFi Certificates nd install the certificates o			Enter Keywords	Q SHOW: 10 ENTRIE	s 🗸 🗚	DD WIFI CERTIFICATE
Certificate Name 木	Unique ID 🛧	Access Start Date 木	Access End Date 🛧	Status ٨	Actions ٨	
Dup1	dup1	09 Aug 2017	09 Aug 2018	Active	Jownload	Email 🅥 Revoke
Dev_Test	DLH11	09 Aug 2017	09 Aug 2017	Expired	X Delete	
dup3	dup3	16 Aug 2017	16 Aug 2018	Active	Jownload	Email Revoke
dup2	dup2	10 Aug 2017	10 Aug 2018	Active	Jownload	Email 🅥 Revoke
RIL	DLMUW 1	17 Aug 2017	17 Aug 2017	Expired	X Delete	Renew

3. Click Download Wi-Fi Certificate icon next to a Wi-Fi certificate in the list.

eview the WiFi Certificates ad install the certificates o			Enter Keywords	Q SHOW: 10 EN	TRIES 🗸 🗸	ADD WIFI CERTIFICATE
Certificate Name 木	Unique ID 木	Access Start Date ٨	Access End Date 木	Status 木	Actions ٨	
Dup1	dup1	09 Aug 2017	09 Aug 2018	Active	Jownload	Email 🅥 Revoke
Dev_Test	DLH11	09 Aug 2017	09 Aug 2017	Expired	X Delete	Renew
dup3	dup3	16 Aug 2017	16 Aug 2018	Active	Download WiFi Cert	ificate Email 🅥 Revoke
dup2	dup2	10 Aug 2017	10 Aug 2018	Active		Email 🕥 Revoke
RIL	DLMUW 1	17 Aug 2017	17 Aug 2017	Expired		C Renew

4. The Download Wi-Fi Certificate dialog box appears.

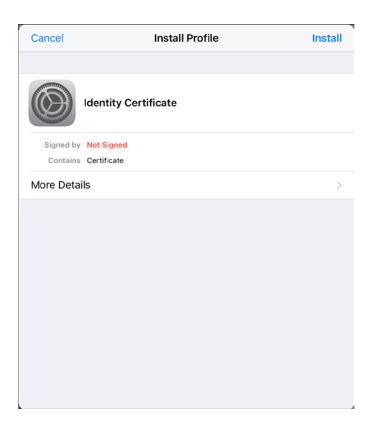
Download WiFi Certificate	×
Create a password of your choice for the certif	icate.
You are required to enter this password while i	nstalling the certificate on your mobile device
Unique Identifier	
Kevin Hanna iPad	
Minimum of 6 alpha numeric characters Eg: Create password	
Re-Type password	

5. Provide the password of your choice in the **Create password** and **Re-Type** password fields which are used when installing the certificate.

NOTE: If you have logged in through your PC, click **E-mail Wi-Fi Certificate** icon next to a Wi-Fi certificate and provide your email address in the **Enter email** field, and then click **Email Certificate**. The certificate will be emailed to you on the email address provided, and you can transfer it to the iPad/Windows Tablet as required.

6. Click Download Certificate.

The certificate is downloaded in your iPad and the Install Profile dialog box is displayed.



7. Press **Install** on the top right of the dialog box.

The Enter Passcode dialog box appears (can be optional if no system passcode is set for the iPad).

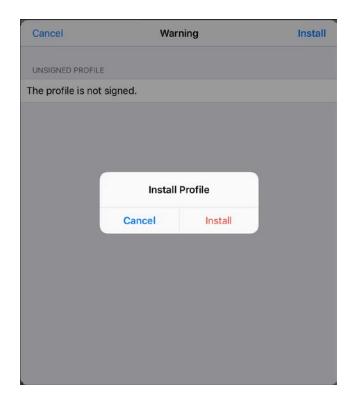


 Type the **Passcode** as applicable and then press **Done**. The **Warning** dialog box appears.

Cancel	Warning	Install
UNSIGNED PROFILE		
The profile is not signed.		

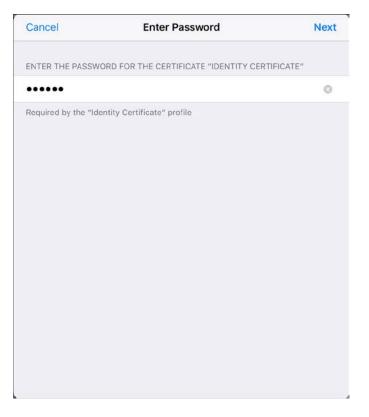
9. Press Install.

The Install Profile dialog box appears.

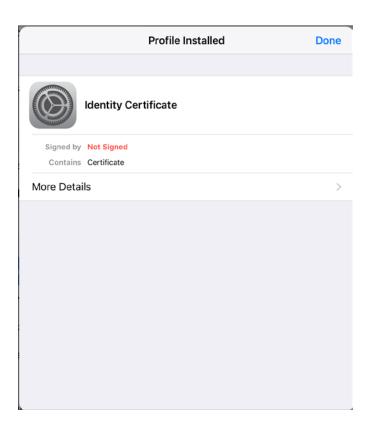


10. Press Install.

The Enter Password dialog box appears.



11. Type the certificate password (same password as entered during certificate generation) and then click **Next**. The **Profile Installed** dialog box appears.



12. Press Done.

The dialog box closes and you will be redirected to the ASDS webpage. The device is now ready to connect to the ADG100 and download the configuration files.

Installing Client Certificate on Windows Tablet

To install the client certificate on windows tablet

- 1. Re-login to ASDS website (https://ads.honeywell.com) either through **Windows Tablet** (recommended) or through a personal computer.
- From the ASDS dashboard, click Wireless Service Management, and then click Manage Wi-Fi Certificates. The list of added Wi-Fi certificates is displayed.

view the WiFi Certificates d install the certificates o			Enter Keywords	Q	SHOW: 10 ENTRIES	S 🗸 AI	DD WIFI CERTIFICATE
Certificate Name ٨	Unique ID 木	Access Start Date 🛧	Access End Date 🛧		Status 木	Actions ٨	
Dup1	dup1	09 Aug 2017	09 Aug 2018		Active	Jownload	Email 🅥 Revoke
Dev_Test	DLH11	09 Aug 2017	09 Aug 2017		Expired	X Delete	Renew
dup3	dup3	16 Aug 2017	16 Aug 2018		Active	Jownload	Email 🅥 Revoke
dup2	dup2	10 Aug 2017	10 Aug 2018		Active	Jownload	Email 🅥 Revoke
RIL	DLMUW 1	17 Aug 2017	17 Aug 2017		Expired	(X) Delete	Renew

13. Click Download Wi-Fi Certificate next to a Wi-Fi certificate in the list.

view the WiFi Certificates d install the certificates o			Enter Keywords	Q SHOW: 10 EN	TRIES 🗸	ADD WIFI CERTIFICATE
Certificate Name ٨	Unique ID 木	Access Start Date 木	Access End Date 木	Status ٨	Actions •	`
Dup1	dup1	09 Aug 2017	09 Aug 2018	Active	Jownlo	ad 🛛 Email 🅥 Revoke
Dev_Test	DLH11	09 Aug 2017	09 Aug 2017	Expired	O Delete	Renew
dup3	dup3	16 Aug 2017	16 Aug 2018	Active	Download WiFi Ce	ertificate Email 🅥 Revoke
dup2	dup2	10 Aug 2017	10 Aug 2018	Active	J. Downto	ad 🖾 Email 🅥 Revoke
RIL	DLMUW 1	17 Aug 2017	17 Aug 2017	Expired	(X) Delete	Renew

3. The **Download W-Fi Certificate** dialog box appears.

Download WiFi Certificate	×
Create a password of your choice for the certi	ficate.
You are required to enter this password while	installing the certificate on your mobile device
Unique Identifier	
Kevin Hanna iPad	
Minimum of 6 alpha numeric characters Eg	xyz123
*Create password	
*Re-Type password	
CLOSE	DOWNLOAD CERTIFICATE

4. Provide the password of your choice in the **Create password** and **Re-Type** password fields which is used when installing the certificate on the Wi-Fi certificate.

NOTE: If you have logged in through your PC, click **E-mail Wi-Fi Certificate** icon next to a certificate and provide your email address in the **Enter email** field, and then click **Email Certificate**. The certificate will be emailed to you on the email address provided, and you can transfer it to the iPadWindows Tablet as required.

5. Click Download Certificate.

The certificate (<Account Name_Certificate Name_<version>.p12) is downloaded in the tablet in the Download folder.

6. Double-click the certificate ((<Account Name_ Certificate Name_<version>.p12).

The Certificate Import Wizard appears.

7. Press Next.

The Welcome to Certificate Import page appears.

Welcome to the Certificate Import Wizard	
This wizard helps you copy certificates, certificate trust lists, and certificate revocation lists from your disk to a certificate store.	
A certificate, which is issued by a certification authority, is a confirmation of your identity and contains information used to protect data or to establish secure network connections. A certificate store is the system area where certificates are kept.	
Store Location	
O Local Machine	
To continue, click Next.	

Select the Store Location and then press Next.
 The File to Import page appears.

		\times
÷	Sertificate Import Wizard	
	File to Import	
	Specify the file you want to import.	
	Eile name: NS\Desktop\DEM0_AIRLINES_BUSINESS_JETS_IPAD_test_1_1.p12 Browse	
	Note: More than one certificate can be stored in a single file in the following formats:	
	Personal Information Exchange- PKCS #12 (.PFX, P12)	
	Cryptographic Message Syntax Standard-PKCS #7 Certificates (.P7B)	
	Microsoft Serialized Certificate Store (.SST)	
	Next Cance	9

 The default path of the file is displayed in the File Name field. Press Next. The Private key protection page appears.

Private key protection
To maintain security, the private key was protected with a password.
Type the password for the private key.
Password:
Display Password
Import options: Enable strong private key protection. You will be prompted every time the private key is used by an application if you enable this option.
Mark this key as exportable. This will allow you to back up or transport your keys at a later time.
✓ Indude <u>all</u> extended properties.

 Type the certificate **Password** (same password as entered during certificate generation) and then press **Next**. The **Certificate Store** dialog box appears.

Certificate Store
Certificate stores are system areas where certificates are kept.
Windows can automatically select a certificate store, or you can specify a location for the certificate.
Automatically select the certificate store based on the type of certificate
O Place all certificates in the following store
Certificate store:
Browse

11. Press **Next** to proceed further.

The Completing the Certificate Import Wizard page appears.

Completing	the Certificate Import Wizard	
completing	the certificate import wizard	
The certificate will	be imported after you click Finish.	
You have specified	the following settings:	
Certificate Store	Selected Automatically determined by the wizard	
Content	PFX	
File Name	C: \Users\CASIGNS\Desktop\JET_AVIATION_BU	SINESS_JEIG
<		>

12. Press Finish.

The Certificate Import Wizard dialog box appears.

Certificate Import Wizard	\times
The import was successful.	
ОК	

13. Press **OK** to complete the import operation and close the dialog box. The device is now ready to connect to the ADG100 and download the configuration files.

Accessing Wireless Service Downloading Configuration File Uploading the Configuration File to ADG100

Installing Client Certificates Connecting Client Certificate to ADG100

You can connect the client certificate to ADG100 using either an iPad or a Windows based tablet. Connecting Client Certificate to ADG100 using iPad

To connect the client certificate to ADG100 using iPad

- 1. Switch on the Wi-Fi button on ADG100.
- 2. In the iPad, open the Wi-Fi Settings to check the Aircraft tail number as Wi-Fi SSID and then select the correct SSID. For example, dlmuw in this case.

			-
Airplane Mo	ode	Wi-Fi	
Wi-Fi	mprize	✓ mprize	€ ? (i)
Bluetooth	On	CHOOSE A NETWORK	
Cellular Dat	ta	dimuw	≜ ≈ (j)
Personal He	otspot	eprize2	≜ ≈ (j)
VPN	Not Connected	industrial	₽ ≈ (j
Carrier	IND airtel	PD23180753200HYD402 0D0400B6	₽ ≈ (j
		PD295304D3600HYD401 0D0400CA	€ ? (j)

3. The Enter Password dialog box appears. From the Mode dropdown list, select the type of authentication.

	Enter the password for "dlmuw"		
Cancel	Enter Password		Join
Username			
Password			
Mode		Automatic	>

4. Select EAP-TLS and then press **Enter Password** on the upper left corner.

5. The Password field is replaced with **Identity** in the **Enter Password** dialog box. Press **Identity** to choose the certificate for authentication.

	Enter the password for "dlmuw"		
Cancel	Enter Password		Join
Username			
Identity			>
Mode		EAP-TLS	>

6. The list of certificates installed earlier are displayed. Select the installed certificate as applicable and then press **Enter Password** on the upper left corner to return to previous screen.

ssued by: Expires:	DEMO_D	DLMUW	2		(i)	>

7. Click Join.

	Enter the password for "dlmuw"		
Cancel	Enter Password	[Join
Username			
Identity			>
Mode		EAP-TLS	>

8. The selected certificate details are displayed. Click Accept.

C Enter Passwo	ord Certificate	
	SIGNS_DEMO_DLMUW Honeywell International Inc. CA3 Not Verified	Accept
	Server Authentication 31-Dec-2034 5:30:00 am	
More Deta	ils	>

9. The **Certificate** dialog box closes. Verify that a tick mark appears next to the selected ADG100 SSID.

•••• IND airtel 3G	5:20 pm	379
Settings	Wi-Fi	
> Airplane Mode	Wi-Fi	
🗢 Wi-Fi	dimuw 🗸 dimuw	₽ ? (j)
* Bluetooth	On CHOOSE A NETWORK	
🕼 Cellular Data	eprize2	∎ ? (j)
Personal Hotspot	industrial	₽ ? (j)
VPN VPN Not Conr	mprize mprize	≜ ? (j)
Carrier INE	PD23180753200HYD402 0D0400B6	≜ ? (j)
-	Other	
Notifications		
Control Center	DEVICES	

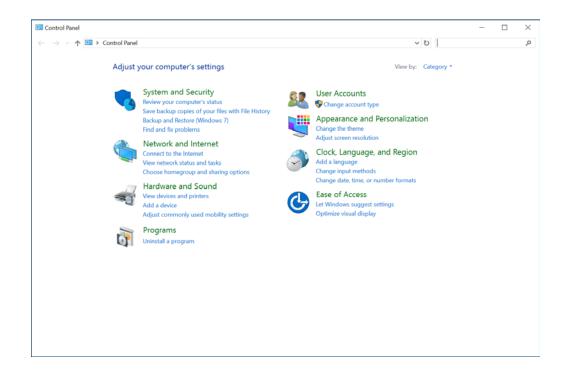
Connecting Client Certificate to ADG100 using Windows Tablet

Pre-requisite: You must configure the Windows tablet for creating a Wi-Fi profile before connecting the client certificate to ADG100. This is only a one time activity and must be performed to each tail that is connected to the tablet.

To configure the tablet for creating Wi-Fi profile

1. On the windows tablet desktop, right-click the Start button and then click Control Panel.

The Adjust your computer settings page appears.



2. Click Network and Internet > Network and Sharing Center.

The View your basic network information and set up connections page appears.

Network and Sharing Center → → ↑ 🕏 > Control P	anel > Network and Internet > Network and Shari	ng Center 🗸 🖏	Search Control Panel	×
Control Panel Home	View your basic network information			
Change adapter settings	View your active networks	Access type: No network access		
Change advanced sharing settings	Unidentified network Public network	Connections: I vo network access Connections: Vethernet (Internal Ethernet Port Windows Phone Emulator Internal Switch)		
	Change your networking settings			
	Set up a new connection or network			
	Set up a broadband, dial-up, or VPN	connection; or set up a router or access point.		
	Troubleshoot problems			
	Diagnose and repair network proble	ms, or get troubleshooting information.		
See also				
HomeGroup				
Internet Options				
Windows Firewall				

3. Click Set up a new connection or network.

The Set Up a new Connection Network wizard appears and displays the Choose a connection option page.

	_		×
🔶 💐 Set Up a Connection or Network			
Choose a connection option			
Connect to the Internet			
Set up a broadband or dial-up connection to the Internet.			
set up a new network			
Set up a new router or access point.			
Manually connect to a wireless network Connect to a hidden network or create a new wireless profile.			
Connect to a midden network of cleate a new wreless prome.			
Connect to a workplace			
Set up a dial-up or VPN connection to your workplace.			
	Nort	C	ncel
	<u>N</u> ext	Ca	ncer

Select the Manually connect to a wireless network option and then click Next.
 The Enter information for the wireless network you want to add page appears.

				_		\times
~	💐 Manually connect to a	wireless network				
	Enter information fo	or the wireless network you w	vant to ad	d		
	N <u>e</u> twork name:	dlmuw				
	<u>S</u> ecurity type:	WPA2-Enterprise				
	Encryption type:	AES 🗸				
	Se <u>c</u> urity Key:		<u>H</u> ide charac	ters		
	Start this connection	automatically				
	Connect even if the	network is not broadcasting				
	Warning: If you sele	ct this option, your computer's privacy	v might be at	risk.		
				<u>N</u> ext	Car	ncel

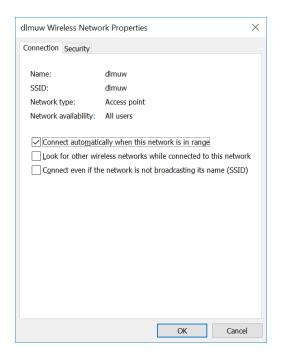
- 5. Select/type the following and then click **Next**.
 - a. Network Name (ADG100 SSID)
 - b. Security Type (i.e. WPA2- Enterprise)

The Successfully added < ADG100 SSID > page appears.

		—		\times
\leftarrow	Search Manually connect to a wireless network			
	Successfully added dlmuw			
	\rightarrow Change connection settings Open the connection properties so that I can change the settings.			
	L			
			Clc	
			CIC	ise

6. Click Change connection settings.

The < ADG100 SSID > Wireless Network Properties dialog box appears.



- 7. Click **Security** tab and then perform the following:
 - a. In the Choose a network authentication method list, select Microsoft: Smart Card or other certificate.
 - b. Click Settings and clear the check box next to Verify the server's identity by validating the certificate option in the Smart Card or other Certificate Properties.
 - c. Click OK to close the Smart Card or other Certificate Properties dialog box.

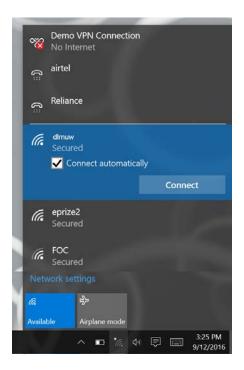
dlmuw Wireless Netv	work Properties	X Smart Card or other Certificate Properties X
Connection Security		When connecting: Use my gmart card Use a gertificate on this computer
Security type:	WPA2-Enterprise \vee	Use simple certificate selection (Recommended)
E <u>n</u> cryption type:	AES ~	Connect to these servers (examples.srv1;srv2;:^\.srv3\.com):
Choose a network a	uthentication method:	Trusted <u>R</u> oot Certification Authorities:
	ard or other certificate \checkmark Settings credentials for this connection each on	AddTrust External CA Root Baltimore CyberTrust Root Certum CA Certum Trusted Network CA Class 3 Public Primary Certification Authority COMODO RSA Certification Authority DigiCert Assured ID Root CA DigiCert Global Root CA
A <u>d</u> vanced setting	gs	View Certificate Don't prompt user to authorize new servers or trusted certification authorities. Use a different user name for the connection
	OK Cancel	OK Cancel

Click OK to close the < ADG100 SSID > Wireless Network Properties dialog box.

8. Click Close to close the wizard to complete the configuration for creating the Wi-Fi profile.

To connect the client certificate to ADG100 using Windows Tablet

 In the windows tablets task bar, press the Wi-Fi icon. The list of available Wi-Fi are displayed.



Press the network of your choice and then click Connect.
 The Choose a certificate list is displayed.

- 10	No Int	ternet		
ß	airtel			
() :	Relian	ce		
(h.	dimuw Securi			
	Choos	e a certificate		
	SIGN	IS_UAT_SIGNSUAT	OP1_1_1 ~	
	Certifi	cate details		
	issued	to: SIGNS UAT SIG	SNSUATOP1 1 1	
		to: SIGNS_UAT_SIG by: SIGNS_UAT_de	SNSUATOP1_1_1 vice_ca_1_1	
	lssued Valid fi	by: SIGNS_UAT_de rom 9/12/2016 to 9	evice_ca_1_1 /13/2017	
	lssued Valid fi Thumb	by: SIGNS_UAT_de rom 9/12/2016 to 9	vice_ca_1_1 /13/2017 A8 DD BE E9 6A EF	
	lssued Valid fi Thumb	by: SIGNS_UAT_de rom 9/12/2016 to 9 oprint: 1E 5C 80 70	vice_ca_1_1 /13/2017 A8 DD BE E9 6A EF	
(î.	Issued Valid fi Thumb AD 40	by: SIGNS_UAT_de rom 9/12/2016 to 9 oprint: 1E 5C 80 70 CB 82 09 E6 3F 93 OK	vice_ca_1_1 /13/2017 A8 DD BE E9 6A EF 5F 32	
	Issued Valid fi Thumb AD 40 eprize	by: SIGNS_UAT_de rom 9/12/2016 to 9 oprint: 1E 5C 80 70 CB 82 09 E6 3F 93 OK 02 ed	vice_ca_1_1 /13/2017 A8 DD BE E9 6A EF 5F 32	
	Issued Valid fi Thumk AD 40 eprize Secure	by: SIGNS_UAT_de rom 9/12/2016 to 9 oprint: 1E 5C 80 70 CB 82 09 E6 3F 93 OK 02 ed	vice_ca_1_1 /13/2017 A8 DD BE E9 6A EF 5F 32	
	Issued Valid fi Thumb AD 40 eprize Secure	by: SIGNS_UAT_de rom 9/12/2016 to 9 oprint: 1E 5C 80 70 CB 82 09 E6 3F 93 OK 22 ed ttings	vice_ca_1_1 /13/2017 A8 DD BE E9 6A EF 5F 32	

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11. Select the certificate (configured earlier) from the list as applicable, and then click **OK**. The selected certificate is validated and the Wi-Fi network is connected.



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Trouble Shooting

This section provides information on the following issues that you may encounter while configuring ADG100 along with the solution.

- Network Connectivity Issue
- ADG100 Wi-Fi Not Visible
- Configuration Loading Failed
- Change in ADG100 software

Network Connectivity Issue

Scenario - Unable to connect to the configured ADG100 network.

Solution:

- 1. In the Manage Wireless Settings, select the **Network** and then click **Forget**. This deletes the connectivity information of the configured ADG100 network.
- Install the client Certificate (Installing Client Certificate on iPad/ Installing Client Certificate on Windows Tablet) and connect the ADG100 (Connecting Client Certificate to ADG100 using iPad/ Connecting Client Certificate to ADG100 using Windows Tablet) as applicable

ADG100 Wi-Fi Not Visible

Scenario - Unable to view the configured ADG100 Wi-Fi.

Solution:

- 1. Ensure that the ADG100 is switched **ON.**
- 2. Ensure that the ADG100 Wi-Fi switch is set to ON (Status light Green).
- 3. Load the factory defaults configuration file that resets the current configuration in ADG100.
- 4. Reload the appropriate configuration file.

Configuration Loading Failed

Scenario - Configuration loading failed on ADG100.

Solution:

- 1. Verify that you are using a valid configuration file.
- 2. Load the factory defaults configuration file that resets the current configuration in ADG100.
- 3. Reload the appropriate configuration file.

Change in ADG100 software

Scenario - Change in ADG100 Software.

Solution:

- 1. Load the factory defaults configuration file that resets the existing configuration in ADG100.
- 2. Load the new configuration file as applicable.

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Appendix: Role Administration

In order to access ADG100ireless activation certificate, you are required to own one of the following roles:

- Operator Admin Privilege to approve/reject user's role request(s). Authorized to add/delete user profiles.
- **Operator** Permanent user/employee of the organization. Authorized to download ADG100 configuration and app certificate.
- Maintenance Technician Temporary user with limited period access. Authorized to download ADG100 configuration and app certificate.

To raise a new Role Request

- 1. As a new user, on clicking 'Wireless Service Management' the 'Request Access' web page would be shown to you for requesting wireless access to a fleet.
- 2. Click "New Request" to raise a role request. A form will be shown to you to enter the information



3. Select the required role from the 'Role' drop down.

New Request				×
Role*	Operator Admin Maintenance Technician Operator Operator Admin	•		
Customer* Address Information Address line 1*	Others	•	Enter Customer Name	

4. Against the 'Customer' drop down:

New Request			×
Role*	Operator Admin	•	
	Can add/delete users of all re approve/reject requests	oles,	
Customer*	Others	•	Enter Customer Name
Address Information			
Address line 1*			

- a. If your organization name is mentioned in the drop down, please select the name of your organization.
- b. Alternatively, if the name doesn't appear, select 'Others' and enter the details of your organization.

5. Click '**Submit**' to send the request to the Operator Admin for approval. As a first user, if you are raising the request for Operator Admin role, the request will be completed by Honeywell Admin.

New Request				×
Role*	Operator Admin	•		
	Can add/delete users of all roles, approve/reject requests			
Customer*	Others	•	Enter Customer Name	
Address Information				
Address line 1*				
Address line 2				
Country*	Afghanistan	•		
Postal Code*				
Contact number*				
Comments to approver				
		10		
			Submit Clo	se

NOTE:

- Users with Operator Admin role will be authorized to approve/reject role requests through 'Manage Requests'
- Operator Admin can add new users through Manage Users > Add User option.
- Users with Maintenance Technician role cannot request Operator role.
- Maintenance Technicians can access the application for the time period for which the role is approved.
- Users with an Operator role can request for an Operator Admin role using the New Request option on the Manage User Access page.

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Appendix: Managing Wi-Fi Certificates

Managing Wi-Fi certificates corresponding involves the following:

- Adding Wi-Fi Certificates
- Downloading Wi-Fi Certificate
- Emailing Wi-Fi Certificate
- Revoking Wi-Fi Certificate
- Renewing Wi-Fi Certificate
- Deleting Wi-Fi Certificate

Adding Wi-Fi Certificates

To add a Wi-Fi certificate

- 1. Login to ASDS by typing https://ads.honeywell.com in your browser.
- 2. On the ASDS Dashboard page, click **0** MANAGE Wi-Fi CERTIFICATES.

The list of Wi-Fi certificates is displayed.

view the WiFi Certificates d install the certificates o			Enter Keywords	Q	SHOW: 10 ENTRIES	✓ A	DD WIFI CERTIFICATE
Certificate Name ٨	Unique ID 木	Access Start Date 🛧	Access End Date 🛧		Status ٨	Actions ٨	
Dup1	dup1	09 Aug 2017	09 Aug 2018		Active	June 20 June 2	Email 🅢 Revoke
Dev_Test	DLH11	09 Aug 2017	09 Aug 2017		Expired	X Delete	
dup3	dup3	16 Aug 2017	16 Aug 2018		Active	June 20 Download	Email 🅢 Revoke
dup2	dup2	10 Aug 2017	10 Aug 2018		Active	Jownload	Email 🅥 Revoke
RIL	DLMUW 1	17 Aug 2017	17 Aug 2017		Expired	X Delete	Renew

3. Click ADD Wi-Fi CERTIFICATES.

The Add Wi-Fi Certificate dialog box appears.

Add WiFi Certificate	×
*Certificate Name	
Please Enter	
*Unique Identifier	
Please Enter	
*Wi-Fi Access Period (Start Date)	
DD MMM YYYY	
*Wi-Fi Access Period (End Date)	
DD MMM YYYY	
CLOSE	ADD

4. Provide the Certificate Name, Certificate Identifier, Wi-Fi Access Period (Start Date), and Wi-Fi Access Period (End Date), and then click Add.

The **Mobile Certificate has been successfully added** message is displayed. Verify that the Wi-Fi certificate is added in the list of certificates displayed on this page.

Downloading Wi-Fi Certificate

To download a Wi-Fi certificate

1. On the **MANAGE Wi-Fi CERTIFICATES** page, click **1 Download Wi-Fi Certificate** icon next to the Wi-Fi certificate in the list. The **Download Wi-Fi Certificate** dialog box appears.

view the WiFi Certificates d install the certificates o			Enter Keywords	Q SHOW: 10 EN	TRIES V	D WIFI CERTIFICATE
Certificate Name ٨	Unique ID ٨	Access Start Date 木	Access End Date ٨	Status 🛧	Actions ٨	
Dup1	dup1	09 Aug 2017	09 Aug 2018	Active	\downarrow Download	Email 🅥 Revoke
Dev_Test	DLH11	09 Aug 2017	09 Aug 2017	Expired	X Delete	Renew
dup3	dup3	16 Aug 2017	16 Aug 2018	Active	Download WiFi Certific	ate Email 🅥 Revoke
dup2	dup2	10 Aug 2017	10 Aug 2018	Active	Jownload	Email C Revoke
RIL	DLMUW 1	17 Aug 2017	17 Aug 2017	Expired	× Delete	Renew

In the Download Wi-Fi Certificate dialog box, type the password of your choice for the certificate in the
 Create password and
 Re-Type password fields and then click
 DOWNLOAD CERTIFICATE.

Download WiFi Certificate	×
Create a password of your choice for the certificate.	() HELP
You are required to enter this password while installing the Unique Identifier	certificate on your mobile device
Kevin Hanna iPad	
Minimum of 6 alpha numeric characters Eg. xyz1	
*Create password	
*Re-Type password	
CLOSE DOV	VNLOAD CERTIFICATE

Emailing Wi-Fi Certificate

To email a Wi-Fi certificate

1. On the **MANAGE Wi-Fi CERTIFICATES** page, click **() E- Mail Wi-Fi Certificate** icon next to the Wi-Fi certificate in the list. The **Email Wi-Fi Certificate** dialog box appears.

iew the WiFi Certificates install the certificates o			Enter Keywords	Q	SHOW: 10 ENTR	ies 🗸 🖌	DD WIFI CERTIFICATE
Certificate Name ٨	Unique ID 木	Access Start Date 木	Access End Date 木		Status ٨	Actions ٨	
)up1	dup1	09 Aug 2017	09 Aug 2018		Active	, ↓ Download	Email 🅥 Revoke
Dev_Test	DLH11	09 Aug 2017	09 Aug 2017		Expired	× Delete	C Renew 1
up3	dup3	16 Aug 2017	16 Aug 2018		Active	J. Down E-	Mail WiFi Certificate voke
lup2	dup2	10 Aug 2017	10 Aug 2018		Active	J. Download	Email Revoke
RIL	DLMUW 1	17 Aug 2017	17 Aug 2017		Expired	X Delete	Renew

2. Type the password of your choice for the certificate in the **1** Create password and **2** Re-Type password fields, provide the **3** Email Id, and then click **4** EMAIL CERTIFICATE.

Email WiFi Certificate
Create a password of your choice for the certificate.
You are required to enter this password while installing the certificate on your mobile device
Unique Identifier
14593
Minimum of 6 alpha numeric characters Eg. vc 1 *Create password
*Re-Type password
*Email Id
4
CLOSE MAIL CERTIFICATE

Revoking Wi-Fi Certificate

To revoke the Wi-Fi certificate of an existing device

1. On the **MANAGE Wi-Fi CERTIFICATES** page, click **① Revoke Wi-Fi Certificate** icon next to the Wi-Fi certificate in the list. The **Revoke Wi-Fi Certificate** dialog box appears.

view the WiFi Certificates d install the certificates o			Enter Keywords	Q SHOW: 10 ENTRIES	~ AI	DD WIFI CERTIFICATE
Certificate Name ٨	Unique ID ٨	Access Start Date ٨	Access End Date 🛧	Status ٨	Actions ٨	
Dup1	dup1	09 Aug 2017	09 Aug 2018	Active	↓ Download	Email O Bayaka
Dev_Test	DLH11	09 Aug 2017	09 Aug 2017	Expired	X Delete	Certificate
dup3	dup3	16 Aug 2017	16 Aug 2018	Active	↓ Download	Email C Revoke
dup2	dup2	10 Aug 2017	10 Aug 2018	Active	Jownload	Email 🅥 Revoke
RIL	DLMUW 1	17 Aug 2017	17 Aug 2017	Expired	X Delete	Renew

2. In the **Revoke Wi-Fi Certificate** dialog box, type the **1 Incident Details**, **2 Incident Date**, **3 Planned date to update all certificates on fleet**, **4 Contact person email**, and then click **5 Revoke**.

Revoke WiFi Certificate	×
Device and install the new certificates on	
Note: All the previously downloaded wifi c revoked	ertificates for this unique identifier would be
Incident Details	
	2
*Incident Date	2
DD MMM YYYY	
*Planned date to update all certificates or	n fleet
*Contact person email	4
	5
CLOSE	REVOKE

The dialog box closes and the page refreshes to display the message **Successfully revoked all the Wi-Fi certificates**.

Renewing Wi-Fi Certificate

To renew an expired Wi-Fi certificate

1. On the **MANAGE Wi-Fi CERTIFICATES** page, click **1 Renew Wi-Fi Certificate** icon next to the Wi-Fi certificate in the list. The **Renew Wi-Fi Certificate** dialog box appears.

view the WiFi Certificates d install the certificates o			Enter Keywords	SHOW: 10 ENTRIES	S 🗸 🗛	DD WIFI CERTIFICAT
Certificate Name ٨	Unique ID ٨	Access Start Date ٨	Access End Date ٨	Status ٨	Actions 🛧	0
Dup1	dup1	09 Aug 2017	09 Aug 2018	Active	, ↓ Downlc R	enew WiFi Certificate o <mark>ke</mark>
Dev_Test	DLH11	09 Aug 2017	09 Aug 2017	Expired	X Delete	Renew
dup3	dup3	16 Aug 2017	16 Aug 2018	Active	Jowntoad	Email C Revoke
dup2	dup2	10 Aug 2017	10 Aug 2018	Active	Jownload	Email 🅥 Revoke
RIL	DLMUW 1	17 Aug 2017	17 Aug 2017	Expired	X Delete	Renew

In the Renew Wi-Fi Certificate dialog box, provide the 1 Start and 2 End Dates as applicable and click 3
 Renew.

Renew WiFi Certificate	×
*Certificate Name	
test1	
*Unique Identifier	
test1	
*Wi-Fi Access Period (Start Date)	1
DD MMM YYYY	
*Wi-Fi Access Period (End Date)	2
DD MMM YYYY	
	3
CLOSE	RENEW

The dialog box closes and the page refreshes to display the status of the renewed certificate to Active.

Deleting Wi-Fi Certificate

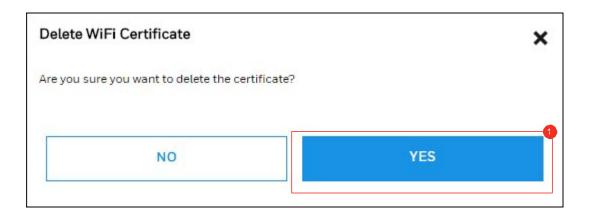
To delete an expired and unused Wi-Fi certificate

1. On the **MANAGE Wi-Fi CERTIFICATES** page, click **1 Delete Wi-Fi Certificate** icon next to the Wi-Fi certificate in the list. The **Delete Wi-Fi Certificate** dialog box appears.

MUW Test Customer 💊				e Wireless Gateway	Manage User Access	Manage Wifi Certificat
Review the WiFi Certificates and install the certificates o			Enter Keywords	Q SHOW: 10 EN	TRIES V	D WIFI CERTIFICATE
Certificate Name ٨	Unique ID ٨	Access Start Date 木	Access End Date 🐟	Status ٨	Actions 🗢	_0
Dup1	dup1	09 Aug 2017	09 Aug 2018	Active	Delete WiFi Certificate	e Email 🕥 Revoke
Dev_Test	DLH11	09 Aug 2017	09 Aug 2017	Expired	Delete	Renew
dup3	dup3	16 Aug 2017	16 Aug 2018	Active	.↓ Download	Email 🅥 Revoke
dup2	dup2	10 Aug 2017	10 Aug 2018	Active	Jownload	Email 🕥 Revoke
RIL	DLMUW 1	17 Aug 2017	17 Aug 2017	Expired	Delete	Renew

2. In the Delete Wi-Fi certificate dialog box, click **4** Yes.

The dialog box closes and the page refreshes to display the message **<Certificate Name> has been successfully deleted**.



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