

## ALE License Data Solution, OmniSwitch 6560/MACSEC User Manual

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### How to Generate or Retrieve License



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## 1 Introduction

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This instruction manual explains the user on the procedure of generating license(s) for Omni Switch 6560 products (for example, METRO, PERF, AR) and MACSEC product from the Licensing Data Solution web portal.

## 2 Steps for License Generation

Licenses for Omni Switch 6560 and MACSEC products can be generated by providing the **Customer Number** and **Order Number**.

### 2.1 Using Customer Number and Order Number

To generate license, follow these steps:

1. Navigate to Licensing portal: <https://lds.al-enterprise.com/>
2. Click the hyperlinked [Omni 6560](#) as in the following page:

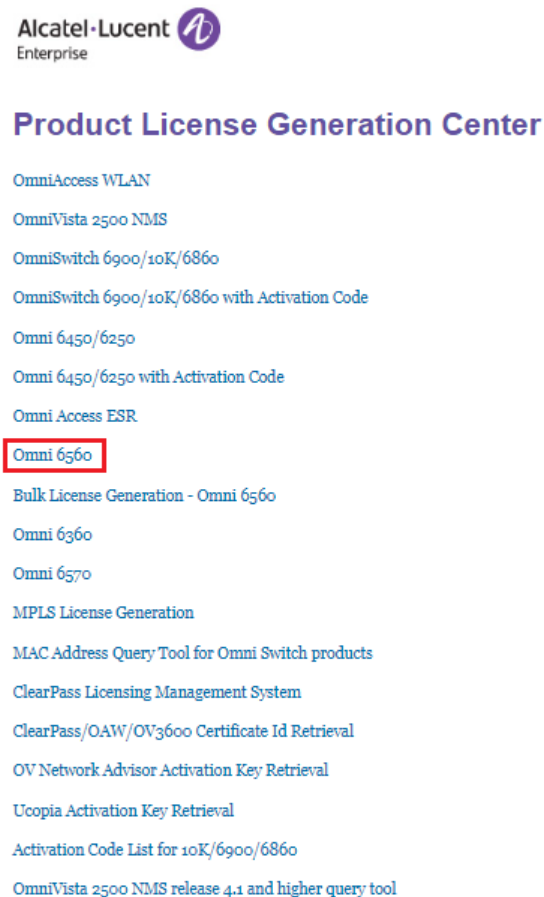


Figure 1 : LDS Home Page

3. The following page appears:



### License Generation - OS6560

Customer Number:\* 

Order Number:\* 

Customer Email: 

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Figure 2 : License Generation - OS6560/MACSEC


4. Enter '**Customer Number**' and '**Order Number**' for the Omni Switch 6560/MACSEC product that has been ordered and click on '**Submit**'.



### License Generation - OS6560

Customer Number:\* 

Order Number:\* 

Customer Email: 

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Figure 3 : License Generation - OS6560

5. The following page appears where user will be able to find the licenses ordered in the drop down under '**License Type**' field as highlighted.



### License Generation - OS6560

Customer Number:\* 18345  
Order Number:\* 5432134  
License Type:\* --select--  
Serial Number:\* --select--

MAC Address:\*

Generate License Download History

OS6560-SW-AR  
OS6560-SW-ME  
OS6560-SW-PERF  
OS-SW-MACSEC

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Figure 4 : License Generation – OS6560

6. Select the '**License Type**' from the drop down for which the license is to be generated (OS-SW-MACSEC/OS6560-SW-PERF/OS6560-SW-ME/OS6560-SW-AR) as shown in the following image and click on '**Generate License**' as highlighted.



### License Generation - OS6560

Customer Number:\* 18345  
Order Number:\* 5432134  
License Type:\* OS-SW-MACSEC  
Serial Number:\*

MAC Address:\* 00:00:00:00:00:00

Home Clear Generate License Download History

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Figure 5 : License Generation – OS6560



## License Generation - OS6560

Customer Number:\*

Order Number:\*

License Type:\*

Serial Number:\*       MAC Address:\*

[Home](#)   [Clear](#)   [Generate License](#)   [Download History](#)

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Figure 6 : License Generation – OS6560

### Important Pointer:

For generation of MACSEC license, Serial Number and MAC Address need not be provided. While for OS6560, Serial Number and MAC Address should be provided mandatorily.

7. After clicking on 'Generate License', the following page appears:



## License Generation - OS6560

**License successfully generated for the part number: OS-SW-MACSEC  
Available license count for the Part number: OS-SW-MACSEC is: 3**

Customer Number:\*

Order Number:\*

License Type:\*

Serial Number:\*       MAC Address:\*

[Home](#)   [Clear](#)   [Generate License](#)   [Download History](#)   [Download License](#)

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Figure 7 : License Generation - OS6560/MACSEC



License Generation - OS6560

License successfully generated for the part number: OS6560-SW-AR  
Available license count for the Part number: OS6560-SW-AR is: 3

Customer Number:\*   
Order Number:\*   
License Type:\*   
Serial Number:\*     MAC Address:\*

[Home](#) [Clear](#) [Generate License](#) [Download History](#) [Download License](#)

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Figure 8 : License Generation - OS6560/MACSEC

- 8. Click on 'Download License' to download the generated license for the desired license part as shown below.



License Generation - OS6560

License successfully generated for the part number: OS-SW-MACSEC  
Available license count for the Part number: OS-SW-MACSEC is: 2

Customer Number:\*   
Order Number:\*   
License Type:\*   
Serial Number:\*     MAC Address:\*

[Home](#) [Clear](#) [Generate License](#) [Download History](#) [Download License](#)

Downloads

- MACSEC (1).txt  
[Open file](#)

[See more](#)

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Figure 9 : License Generation – OS6560





Figure 10 - License Generation - OS6560/MACSEC

9. Click on the **'Download History'** to download the history of licenses generated for the specific Order Number and Customer Number at any point of time as in the following screenshot.

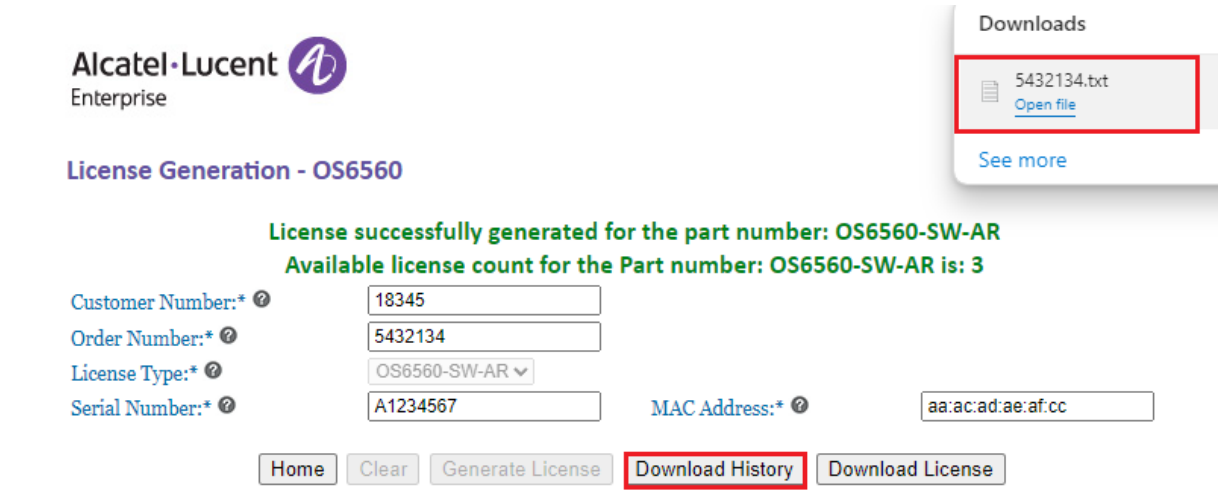
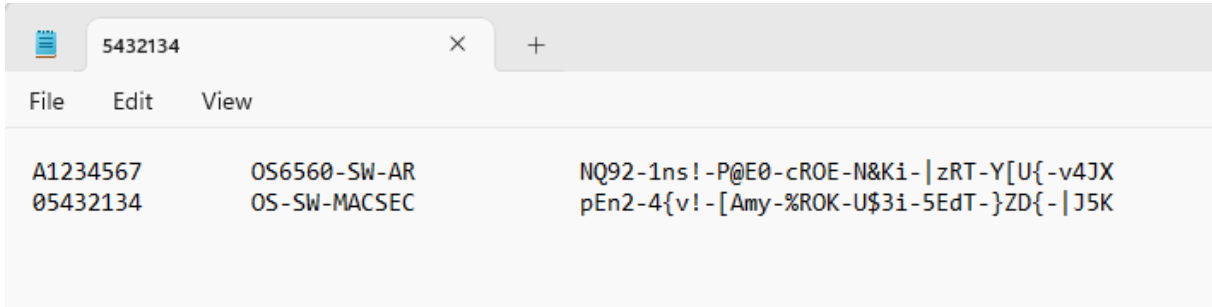


Figure 11 : License Generation – OS6560



\*\*\* Above is the image of license file downloaded by clicking ‘Download History’ and contains the list of licenses been generated for different parts associated with a specific Customer Number and Sales Order Number.

**Note:**

In case the user provides the ‘Customer Email’ along with ‘Customer Number’ & ‘Order Number’ in Figure 3, then in this case user will be re-directed to license generation page as usual and after generating the respective license the license will be sent to the email id input by the user.

- User inputs Customer Number, Order Number and Customer Email and clicks on ‘Submit’ as below.



**License Generation - OS6560**

Customer Number:\* ?

Order Number:\* ?

Customer Email: ?

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Figure 12 - License Generation - OS6560/MACSEC

- User to select the desired license part for which they want to generate the license as below from the dropdown and clicks on ‘Generate License.’



### License Generation - OS6560

Customer Number:\*

Order Number:\*

License Type:\*

Serial Number:\*  MAC Address:\*

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Figure 13 - License Generation - OS6560/MACSEC



### License Generation - OS6560/MACSEC

Customer Number:\*

Order Number:\*

License Type:\*

Serial Number:\*  MAC Address:\*

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Figure 14 - License Generation - OS6560/MACSEC

- After clicking 'Generate License' by providing necessary details of Serial Number and MAC incase of OS6560 PERF license or ME license and choosing relevant license type, the license will be successfully generated and sent to the email address provided by the customer as shown in the following image.
  - Users will also be displayed with the message of successful license generation along with the quantity of licenses still available for generation on the portal.



License Generation - OS6560

License successfully sent to your email address  
Available license count for the Part number: OS-SW-MACSEC is: 1

Customer Number:\*  [?](#)  
Order Number:\*  [?](#)  
License Type:\*  [?](#)  
Serial Number:\*  [?](#)      MAC Address:\*  [?](#)

[Home](#) [Clear](#) [Generate License](#) [Download History](#) [Download License](#)

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Figure 15 : License Generation - OS6560/MACSEC



License Generation - OS6560

License successfully sent to your email address  
Available license count for the Part number: OS6560-SW-AR is: 2

Customer Number:\*  [?](#)  
Order Number:\*  [?](#)  
License Type:\*  [?](#)  
Serial Number:\*  [?](#)      MAC Address:\*  [?](#)

[Home](#) [Clear](#) [Generate License](#) [Download History](#) [Download License](#)

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Figure 16: License Generation - OS6560/MACSEC

- Upon clicking on 'Download License', the user will be able to download the generated license key as below.



### License Generation - OS6560

License successfully sent to your email address

Available license count for the Part number: OS-SW-MACSEC is: 1

Customer Number:\*

Order Number:\*

License Type:\*

Serial Number:\*       MAC Address:\*

[Home](#) [Clear](#) [Generate License](#) [Download History](#) [Download License](#)

Downloads

MACSEC (2).txt  
[Open file](#)

[See more](#)

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Figure 17 : License Generation - OS6560/MACSEC



### License Generation - OS6560

License successfully sent to your email address

Available license count for the Part number: OS6560-SW-AR is: 2

Customer Number:\*

Order Number:\*

License Type:\*

Serial Number:\*       MAC Address:\*

[Home](#) [Clear](#) [Generate License](#) [Download History](#) [Download License](#)

Downloads

JSZ2319\_78245925F323\_AR.txt  
[Open file](#)

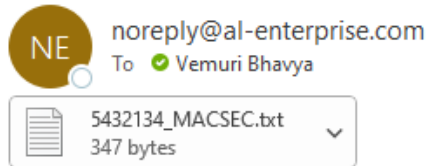
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Figure 18 : License Generation - OS6560/MACSEC

April 16, 2024

License Generation for MACSEC/OS6560 on - 16-Apr-2024



**External Email : Be cautious while opening any links or attachments.**

Dear Customer,

Greetings!

Please find the attached license key for

Customer ID: 18345

Order Number: 5432134

Part Number: OS-SW-MACSEC

Thank you!

Regards,  
ALE License Support Group,  
Alcatel-Lucent Enterprise

This is a system generated email. Please DO NOT REPLY TO THIS MAIL.

**Figure 19 : Sample Mail for Generated License for MACSEC**

**Important Pointer:**

Above is the screenshot of the sample mail in **Figure 23** been received with the generated license key by the user.

\*\*\* Hovering over the tool tip will provide the information about a respective field as shown in the following image.



## License Generation - OS6560

Customer Number:\*

Order:

License Type:\*

Serial Number:\*

MAC Address:\*

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Figure 20 : License Generation Page - OS6560/MACSEC

### 3 Few Error Message and Their Interpretation

Users sometimes may encounter some unexpected error condition due to invalid data, wrong combination of data, data unavailability etc. Here are some common error conditions discussed along with their meaning.

**1. If license quantity for the part has been exhausted for the given Customer Number and Order Number:**

If the user generates last quantity of license for the particular part then customer will encounter below page once the license has been generated.



License Generation - OS6560

**License successfully sent to your email address**  
**All Licenses have been consumed for the Part number: OS-SW-MACSEC**

Customer Number:\*

Order Number:\*

License Type:\*

Serial Number:\*       MAC Address:\*

[Home](#)   [Clear](#)   [Generate License](#)   [Download History](#)   [Download License](#)

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Figure 21 : License Generation - OS6560/MACSEC

**2. When all the licenses related to Order Number and Customer Number has been generated:**

When all the licenses have been generated for the specified Customer Number and Order Number then user will encounter the below error page.





License Generation - OS6560/MACSEC

All License consumed for the Customer Number and Order Number

Customer Number:\*

Order Number:\*

Customer Email:

Clear Submit Download History

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Figure 22 : License Generation - OS6560/MACSEC

**3. If User provides Customer Number and Order Number for which no license exists (or) user provides wrong Customer Number and Order Number:**

If the user provides the Customer Number and Order Number for which ordering information has not been received yet or if the user provides the wrong Customer Number and Order Number, then user will encounter below page.



License Generation - OS6560/MACSEC

Please provide Correct Customer Number and Order Number

Customer Number:\*

Order Number:\*

Customer Email:

Clear Submit

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Figure 23 : License Generation - OS6560/MACSEC

## 4 Steps to Retrieve Existing License

To retrieve the history of licenses that are already generated, follow these steps:

1. Enter a valid Customer Number and Order number. Once all the licenses have been generated for the provided Customer Number and Order Number then the following page appears:

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License Generation - OS6560/MACSEC

All License consumed for the Customer Number and Order Number

Customer Number:\* 88345

Order Number:\* 5438812

Customer Email:

Clear Submit **Download History**

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5438812 (1).txt ^ Show all

Figure 24 : License Generation - OS6560/MACSEC

2. Click '**Download History**'. All the licenses generated for the Customer Number and Order number will be downloaded.