

# Welcome to the DASH Secure File Transfer Portal User Guide for Customers – AP Edition

(Revision 4 16 2020)



## DASH Secure File Transfer Portal

Portal Home

Login

Register



ABOUT SSL CERTIFICATES

### Secure Portal Access



Login Now and access  
the Customer Portal for Free  
Successful Projects start here

Login >

### Benefits of becoming a registered user:

- We check to make sure we have the files and data necessary to build your job.
- Append additional information to existing jobs.
- Email notification when your quote is ready
- **Register for your free account Now>>**

### Become a Registered User



Access all Portal  
Functionality for Free

Register Now >



Inspiring Innovation

# Why Use DASH ?

**DASH is the TTM Secure File Transfer Portal. It enables you to safely and easily transfer data files to TTM.**

**Here are some of the key benefits to using DASH :**

- **DASH is significantly safer than email transfer of your vital data**
- **DASH provides secure protection of your company's important Intellectual Property (IP)**
- **Legal compliance through classification of the Export Status (Commercial or Military) of your data**
- **Ease of Use**

**To protect our customers IP and prevent data loss, TTM intends to eliminate the transfer of customer data through email and DASH is an important tool to enable achievement of this objective.**

# DASH File Transfer Portal Features

Access DASH at <https://dash.ttm.com>

- **Portal Home Page**
  - You can login in with your account
  - Register a new account
  - Connect to the main TTM home page
- **New Registration Form**
  - Sign up for a new access account
- **Login Form**
  - Login with your password
  - Reset your forgotten password
- **Data Portal**
  - Upload your data package
  - Get a history of previously uploaded data packages

# Portal Home Page <https://dash.ttm.com>



## **DASH** Secure File Transfer Portal



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### Become a Registered User



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Functionality for Free

Register Now >

From the DASH Secure File Transfer Portal You Can–

- Register for a new account
- Login to your file transfer account
- Access the TTM home page

# DASH Registration Page

**Register Your Contact Information to Login**

**Email:** jack.lau@mydomain.com

**Select a Password:** ●●●●●●

**Verify Password:** ●●●●●●

**Company:** My Company

**Default Market Segment:** Medical

**Please Indicate if You Are :** Original Equipment Manufacturer (OEM)

**First Name:** Jack

**Last Name:** Lau

**Phone:** 123-555-1234

**Additional Email Addresses to notify when you send data**

Email 1	sales@mydomain.com	X
Email 2		
Email 3		

Items marked with an \* are required

**Create Account**

Enter a valid e-mail address

Select a secure password – 12 characters minimum, uppercase, lowercase, number and a special character. 3 of 4 required.

Enter the company name you represent

Select a default market segment for your data packages

Select how you define your relationship with TTM

Enter any additional contact information

Enter up to 3 additional email addresses to notify when sending data to TTM. They may be to people inside or outside of TTM. Please include the TTM Field Sales representative if possible.

Click this button when all of your registration information has been entered

# DASH Registration Page



**Thank you! You have successfully registered with the TTM Secure File Transfer Portal.**

You should receive an email shortly with instructions on how to complete the registration process. Once this is completed you will be able to login to the TTM Dash file portal.



← Ok

Upon successful submission of the registration form, you will receive an e-mail that will contain a link that will validate and enable your DASH account

# DASH Validation Confirmation Page



Welcome back, Jack | [My Account](#) | [Logoff](#)

## **DASH** Secure File Transfer Portal

Portal Home

Login

Upload Data



ABOUT SSL CERTIFICATES

**Thank you for choosing DASH!**

**Your DASH account has been validated!**

**Click "Login" below to continue to your DASH account**

Login

After clicking on the “Validate” link in the e-mail, you will get a confirmation screen indicating that your validation with DASH was successful. You may now login to DASH upon approval.

# DASH Login Page

**Please Login**

Access to the TTM the Secure File Portal is free and provides a world class customer experience for our global community of customers.

Email:

Password:

[Forget your password?](#)

**Notice**  
Effective November 4, 2019, the DASH system has added an additional security feature to authenticate the DASH user. During the login process, an email message will be sent to the user which includes a login code. The code must be correctly entered on the login page in order to access the DASH system.

**WARNING:** This system is the property of TTM Technologies, Inc. Unauthorized access and use is prohibited. All activities are subject to monitoring and recording. If you are not an authorized user, disconnect now. Any attempts to gain unauthorized access will be prosecuted to the fullest extent of the law.

**Become a Registered User**  
Access all Portal Functionality for Free

**Benefits of becoming a registered user:**

- We check to make sure we have the files and data necessary to build your job.
- Append additional information to existing jobs.
- Email notification when your quote is ready

[Register for your Free account Now>>](#)

Enter the e-mail and password that you registered with, to login to DASH

Click or [ENTER] to login

Click this link for a forgotten password

Click any of these links if you are registering DASH for the first time

Note: The DASH system uses a 2-Factor authentication mechanism for enhanced security to this system. After entering your email and password a special code will be sent to your registered email address. Copy and paste this code into the window that prompts for it to continue logging in.



# DASH Login Page – 2-Factor Authentication

**TTM Technologies**  
Time-To-Market Interconnect Solutions™

**DASH** Secure File Transfer Portal

Portal Home Login Register

**TTM Technologies**  
Time-To-Market Interconnect Solutions™

An email message with a code has been sent to **danny.brown@ttm.com** . Upon receipt, please enter the code here, then click Login to proceed. If this is not your correct email address, please contact your system administrator.

Code:

← Enter the code here that was sent to your registered e-mail to login to DASH

Login Get New Code

Effective November 1, 2014, a new security feature to automatically expire session cookies will be implemented. This will ensure that your session will expire correctly even if you are not logged out manually.

**WARNING:** This system's access and use is being recorded. If you gain unauthorized access to this system, you may be subject to legal action.

# DASH Data Upload Page

Upload Data Package

Click here to upload a data package to DASH

Click here to change the Export Control status of a data package

### File Upload History

Reference #	Date Received	TTM Build Site	Market	OEM	Part #	File(s)	Remarks	Export Status	Status
202003270207	04/01/2020 @6:12:27 pm	Huiyang	Medical	My Company	ventilator-backplane-1234 Rev. 2a	• ventilator-backplane-1234-r2.zip [147B];	Please send a quote for 550 pieces at 10 days - rush	Commercial AP Change	Successful Transfer
202003270206	04/01/2020 @6:10:02 pm	Hong Kong	Medical	My Company	ventilator-interface-1234 Rev.2	• ventilator-gerber-1234-r2.zip [147B];	Please quote 250 pieces at 10,15 and standard lead time	Commercial AP Change	Successful Transfer
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202003270204	04/01/2020 @5:52:29 pm	Hong Kong	Medical	My Company	ventilator-controller-main-1234	• ventilator-controller-main.zip [147B];	Quote for 1000, 1200, 1500 and 2000 pieces at standard lead time	Commercial AP Change	Successful Transfer
202003270203	04/01/2020 @5:50:47 pm	TTM to Recommend (Asia)	Medical	My Company	venti backpla				

# of Rows to Show 5 << previous 1 2 next >>

See additional pages of data by clicking the links here

After you login to DASH you will be presented with the Data Upload screen where you can see data packages that you have already uploaded and can also upload new data to DASH

# Uploading Data to DASH

[Upload Data Package](#)

← Click here to upload a data package to DASH

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202003270203	04/01/2020 @5:50:47 pm	TTM to Recommend (Asia)	Medical	My Company	ventilator-backplane-1234	• ventilator-backplane-1234.zip [147B];	Please send me a quote for 2500 pieces at standard lead time	Commercial AP <a href="#">Change</a>	Successful Transfer

# of Rows to Show  << previous **1** 2 next >>

To send data to DASH click on the “Upload Data Package” button as indicated above. The following slides will describe what happens next.

# Uploading Data to DASH – For AP Customers

**Once you have selected the “Upload Data Package” button you will be guided through a series of questions that will allow you to provide information regarding the data you are uploading. You will also be provided the option to select a TTM facility for the manufacture of your product.**

You will be able to provide information into the DASH system which includes the following :

- Market Segment (Automotive, Networking, Industrial, Medical, etc.)
- Region for the product quotation product manufacture (Asia or North America)
- The specific TTM facility for product quotation or product manufacture
- Your product export classification (confirming commercial use only)

Once you have provided your responses, the next screen will provide you the opportunity to upload your data.

# Uploading Data to DASH

The emails listed below are available for transmittal of customer RFQ information including:

- Quantity
- Lead time
- Special instructions

These emails are not intended for transmittal of PCB data:

- [quotation@ttm.com](mailto:quotation@ttm.com)
- [rfq.industrial@ttm.com](mailto:rfq.industrial@ttm.com)
- [rfq.automotive@ttm.com](mailto:rfq.automotive@ttm.com)
- [rfq.telecom@ttm.com](mailto:rfq.telecom@ttm.com)
- [rfq.datacom@ttm.com](mailto:rfq.datacom@ttm.com)
- [rfq.cem@ttm.com](mailto:rfq.cem@ttm.com)

# DASH File Transfer Portal Page – File Upload Section



## DASH Secure File Transfer Portal

[ABOUT SSL CERTIFICATES](#)

[Portal Home](#)

[Login](#)

[Upload Data](#)

Welcome back, Jack | [My Account](#) | [Logoff](#)

Market Segment of this Data: Medical ▼

Please Select a Preferred Build Location

U.S.  Canada  Asia  TTM to Recommend

Select a TTM region that you want to upload to

[<- Previous](#)

# DASH File Transfer Portal Page – File Upload Section

Market Segment of this Data:

### Please Select a Preferred Build Location

- Asia
- Shanghai BPA (SHB)
- Shanghai E-M Solutions (SHE)
- Shenzhen E-M Solutions (SH)
- Dongguan (DMC)
- Guangzhou (GZ)
- Hong Kong (OPCM)
- Huiyang (HY)
- Zhongshan (ZS)
- TTM to Recommend (Asia)

Select a specific TTM site that you want to upload to or select "TTM to Recommend (Asia)" to let us find the best fit for your product.

Next ->

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# DASH File Transfer Portal Page – File Upload Section

## Data Origination



Welcome back, Jack | [My Account](#) | [Logoff](#)

### DASH Secure File Transfer Portal

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[Portal Home](#)

[Login](#)

[Upload Data](#)

Are you uploading data from a location within the United States ?

Yes  No

Select whether you are uploading this data from the U.S. or not. This will help determine if the product meets certain criteria for certain export controls such as defense.

[<- Previous](#)



# DASH File Transfer Portal Page – File Upload Section for Data Originating in the United States

Is the data you are posting to this site used in the manufacture of a Defense Article ? <sup>(1)</sup>

Yes  No

Select whether this data is defense related or not. Selecting “Yes” will skip further questions and will make the uploaded data only accessible to sites authorized for defense products. Selecting “No” will continue the process as a Commercial product.

<sup>1</sup> A Defense Article is defined in the United States Code of Federal Regulations (“CFR”) as any item or Technical Data that is designated on the United States Munitions List as defined in 22 CFR 121.1. Technical Data is defined in the CFR as information which is required for the design, development, production, manufacture, assembly, operation, repair, testing, maintenance or modification of Defense Articles.

<- Previous

# DASH File Transfer Portal Page – File Upload Section for Data Not Sent from the United States

I certify that the data for this request for quote or this order meets the following criteria:

1. The product End Use will be for a commercial application and will not be used for any military, defense, space, chemical, biological, terrorism or nuclear application.
2. The product manufactured by TTM using this data will not be sold to or shipped directly or indirectly to any U.S. sanctioned countries including Cuba, Iran, North Korea, Sudan, or Syria.

Do you confirm your agreement to the above language ?

Yes  No

Confirm that the data being uploaded meets the criteria listed for a commercial product and one that is restricted from being shipped to certain sanctioned countries. Selecting a “No” will halt the data upload process at this point. Selecting “Yes” will continue to the file transfer area.

<- Previous

# DASH File Transfer Portal Page – File Upload Section

**TTM Technologies**  
Time-To-Market Interconnect Solutions  
Welcome back, Jack | My Account | Logoff

**DASH** Secure File Transfer Portal  
Portal Home | Login | Upload Data

ABOUT SSL CERTIFICATES

Selected TTM Site is **TTM to Recommend (A** is set to **Commercial AP**

**Upload Files**

**RFQ instructions for this data package**  
Please send a quote for 1000 pieces at 10 days - rush

**OEM for this data package**  
My Company

**Part Number for this data package**  
ventilator-backplane-1234 Rev 2.1

**To help us better facilitate you, please upload data for only one part number at a time - Thank You!**

**Additional Email Addresses to notify when this data has been uploaded (optional)**

Email	Address
Email 1	sales@mydomain.com
Email 2	
Email 3	

**Remove file**

**<- Previous**

**Click the "Upload Files" button when you are ready to send your data off to DASH**

**Enter any comments or instructions here**

**Enter the OEM and Part number information here**

**Add or change any notification email addresses for those that need to get notified when this data is uploaded. Please include the TTM Field Sales Representative.**

**Drag any files you wish to upload into this area. You may currently add up to 20 files.**

**Click here to remove a file from the upload queue**

**Clicking here will return you to the previous screen**

# DASH File Transfer Portal Page – File Upload Section

The screenshot displays the DASH Secure File Transfer Portal interface. At the top left is the TTM Technologies logo with the tagline "Time-To-Market Interconnect Solutions" and a user greeting "Welcome back, Jack | My Account | Logoff". The main header features the "DASH Secure File Transfer Portal" title and navigation buttons for "Portal Home", "Login", and "Upload Data". A link for "ABOUT SSL CERTIFICATES" is visible in the top right.

The main content area shows the selected TTM Site as "TTM to Recommend (Asia) (AS\_TTM)" and the Export Control set to "Commercial AP". There are input fields for "RFQ instructions for this data package" (containing "Please send a quote for 1000 pieces at 10 days - rush"), "OEM for this data package" (containing "My Company"), and "Part Number for this data package" (containing "ventilator-backp"). A table titled "Additional Email Addresses to notify when this data has been uploaded (optional)" has three rows, with the first row containing "sales@mydomain.com".

A white modal box titled "DASH Message" is centered on the screen, displaying the text: "Your files have been received successfully. Thank you!". Below the message is a "CONTINUE" button.

A blue callout box in the bottom right corner contains the text: "When your data is uploaded you will receive a confirmation on the screen that indicates your files were received without any problems."

# DASH File Transfer Portal Page – File Upload History



## DASH Secure File Transfer Portal

ABOUT SSL CERTIFICATES

Portal Home Login Upload Data

Welcome back, Jack | My Account | Logoff

Upload Data Package

### File Upload History

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# of Rows to Show  << previous 1 2 next >>

Your uploaded data is tracked from the File Upload History section of the DASH. The most recent uploads show up at the top of the list.

# Changing the Export Control of a Data Package

The screenshot shows the DASH Secure File Transfer Portal interface. At the top left is the TTM Technologies logo. The main header reads 'DASH Secure File Transfer Portal'. Navigation links include 'Portal Home', 'Login', and 'Upload Data'. A callout box points to a 'Change' button in the 'Export Status' column of the 'File Upload History' table. A larger callout box explains that this button is used to change the export control status of a data package after it has been sent.

Upload Data Package

Click here to change the Export Control status of a data package

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202003270203	04/01/2020 @5:50:47 pm	TTM to Recommend (Asia)	Medical	My Company				Commercial AP	Successful Transfer

# of Rows to Show 5 << previous 1 2 next >>

If after you already sent a data package to DASH and you need to change the export control aspect of data. You can click the button called "Change" located in the Export Controlled column of you file upload history as indicated above.

# Summary

**DASH is the TTM Secure File Transfer Portal. It enables you to safely and easily transfer data files to TTM.**

**Here are some of the key benefits to using DASH :**

- **DASH is significantly safer than email transfer of your vital data**
- **DASH provides secure protection of your company's important Intellectual Property (IP)**
- **Legal compliance through classification of the Export Status (Commercial or Military) of your data**
- **Ease of Use**

**To protect our customers IP and prevent data loss, TTM intends to eliminate the transfer of customer data through email and DASH is an important tool to enable achievement of this objective.**



*Inspiring Innovation*

**Thank you for using**

***DASH***