

**Technology Questionnaire  
on Endress+Hauser Supplier Portal  
Provided by JAGGAER**

**Endress+Hauser** 

People for Process Automation

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## 1 General Information

Please note that the English version is considered as the master document.

## 2 Endress+Hauser Platform

Endress+Hauser is using the Jaggaer platform with its suppliers as a supplier relationship management tool, for document exchange purposes, automatic purchase order management, request for quotations and much more.

The link to the platform is:

<https://app11.jaggaer.com/portal/eh>

The portal is available in English, German and Chinese (only main functions), you can select the language on the top left.

We suggest you use Google Chrome as a browser for the platform; our experience shows Chrome is faster and some functions are easier.

### **3 About the questionnaire**

In this questionnaire you can easily inform Endress+Hauser about the technology you have available. The information you provide can be viewed across the entire Endress+Hauser Group. This will give Endress+Hauser an overview of the technology you might be able to provide for Endress+Hauser.

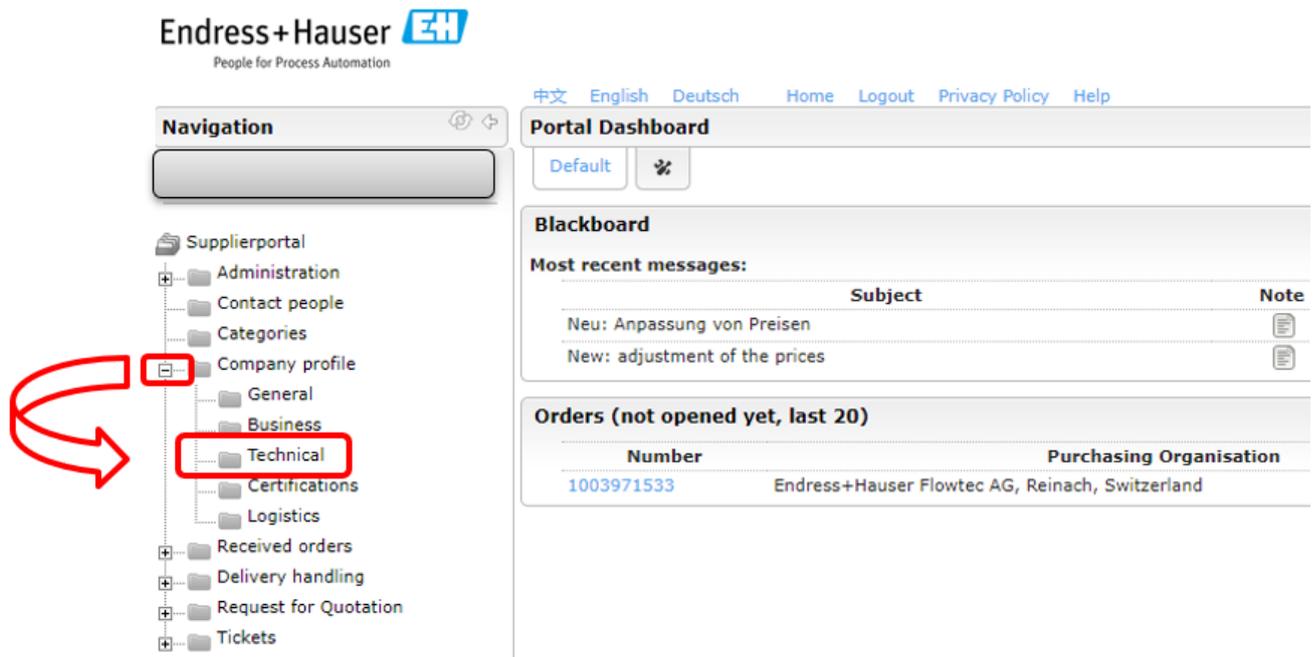
You can easily update your information at any time.

## 4 How to fill in the questionnaire

The following will provide a detailed description on how to fill out the technology questionnaire in Jaggaer. If any further complications arise that are not explained below, please contact your strategic partner at Endress+Hauser.

### 4.1 How to get to the questionnaire

Please find the file *Company profile*. It can be found on the left side of the screen below the headline *Navigation*. Click on the small cross [+] on the left side of the file *company profile*. Now several new folders will appear. Now click on *Technical*.



The screenshot shows the Endress+Hauser Supplierportal interface. The left navigation pane is titled 'Navigation' and contains a tree structure under 'Supplierportal'. The 'Company profile' folder is expanded, and the 'Technical' sub-folder is highlighted with a red box. A red arrow points from the 'Company profile' folder to the 'Technical' folder. The main content area is titled 'Portal Dashboard' and contains several sections: 'Blackboard' with 'Most recent messages' (Neu: Anpassung von Preisen, New: adjustment of the prices), and 'Orders (not opened yet, last 20)' (Number: 1003971533, Purchasing Organisation: Endress+Hauser Flowtec AG, Reinach, Switzerland).

### 4.2 Get to the questions

The screen will now show several technological categories. Only the technologies you supply should appear. Select one category by clicking on the cross [+] to the left of the category.

**Caution! The following different examples are not necessarily applicable to the product you supply.**

The image shown is an example for PCB technology.

中文 English Deutsch Home Logout Privacy Policy Help

**Change supplier profile - Technical**

Save Save & Next Download

Please fill ALL mandatory fields in ALL categories before clicking 'Publish'!  
Sections containing empty mandatory fields:

- Business
- Certificates
- General
- Logistics
- Technical

Mandatory fields filling progress: 93%

PCB \_\_\_\_\_

Aluminium die casting \_\_\_\_\_

Plastic injection molding \_\_\_\_\_

Casting others \_\_\_\_\_

Glass ceramics \_\_\_\_\_

## 4.3 Possible ways to answer the questions

All questions with a [\*] sign are mandatory and therefore must be filled in.

**Caution!** The following questions are just examples and you do not need to answer them.

### 4.3.1 Questions with multiple-choice answers

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**Change supplier profile - Technical**

Save Save & Next Download

Please fill ALL mandatory fields in ALL categories before clicking 'Publish'!  
Sections containing empty mandatory fields:

- Business
- Certificates
- General
- Logistics
- Technical

Mandatory fields filling progress: 93%

PCB \_\_\_\_\_

Type \_\_\_\_\_

Rigid-flex\*  a. In-House

Rigid\*  ---

Semi-flex\*  a. In-House

Flex\*  b. External

High frequency\*  c. Both

HDI Multilayer \*  d. No

Embedded component Packaging - ECP\*  a. In-House

additional\*

The available answers are In-House, External, Both and No:

**In-House** = You produce the product

**External** = You get the product from a supplier.

**Both** = The product is made by you and supplied by an external source.

**No** = You generally do not sell the product.

Core (1,08mm +/- 0,07mm)*	Yes ▾
Core 0,56 +/- 0,05mm*	Yes ▾
Isola IS410*	---
DuPont FNC920, DuPont FNC 120, FR-0111/LF-8510/ LF-9110 R/ LF-9120 R/ Panasonic R-F770*	No Yes

Please select *yes* if the statement is correct and *no* if it is not.

### 4.3.2 Questions with free answers

If the answer is free to choose, please insert the correct number for your technology. Please pay attention to the units!

All numbers must be integers. The use of a decimal point or a decimal comma depends on your settings.

If you do not have the item that is requested, please insert 0. The question must not be left unanswered.

Production capacity in square meter	
Rigid-flex* <sup>123</sup>	<input type="text" value="313"/>
Rigid* <sup>123</sup>	<input type="text" value="32"/>
Semi-flex* <sup>123</sup>	<input type="text" value="0"/>
Flex* <sup>123</sup>	<input type="text" value="0"/>
High frequency* <sup>123</sup>	<input type="text" value="12"/>
HDI Multilayer * <sup>123</sup>	<input type="text" value="13"/>
Embedded component Packaging - ECP* <sup>123</sup>	<input type="text" value="11"/>
Additional* <sup>123</sup>	<input type="text" value="2"/>



Material	
Rogers 3003*	Yes ▾
Panasonic P96/P97*	Yes ▾
FR4-type: TG135*	yes
FR4-type: TG150*	no
FR4-type: TG170*	yes
Core (1,08mm +/- 0,07mm)*	Yes ▾
Core 0,56 +/- 0,05mm*	Yes ▾
Isola IS410*	No ▾
DuPont FNC920, DuPont FNC 120, FR-0111/LF-8510/ LF-9110 R/ LF-9120 R/ Panasonic R-F770*	no
DuPont FR-0210/ FR-0110/LF0220/ LF0210/ LF0110*	no

Some questions will require a yes or no answer even though it is a free question. Please write

**Yes** – if the question is *correct*.

**NO** – if the question is *incorrect*.

### 4.3.3 Checkbox questions

Some answers will require you to tick a box. Please select the correct answer.

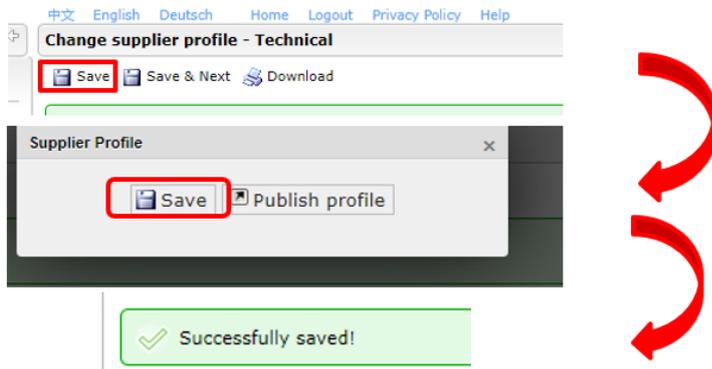
Ticking multiple boxes is possible if necessary.

Solder Mask	
Exposure system*	<input checked="" type="checkbox"/> LDI <input type="checkbox"/> Film
Technologies to apply solder mask*	<input checked="" type="checkbox"/> Curtain coating <input checked="" type="checkbox"/> Screen printing

## 4.4 Save

If you have filled in all mandatory fields, you are able to save the questionnaire. In order to do that, select the *Save* button in the top left corner and press *Save* again in the window that opens.

**Caution! If you leave the questionnaire without saving it, all answers will be lost.**



## 4.5 Possible errors

If you want to save the questionnaire but forgot a mandatory answer, the unanswered field will be highlighted by Jaggaer.

Produktionskapazität in Quadratmeter	
Starrflex* 123	<input style="border: 2px solid red;" type="text"/>
Starre Leiterplatten* 123	<input type="text" value="32"/>
Semiflex* 123	<input type="text" value="0"/>
Flex Leiterplatten* 123	<input type="text" value="0"/>
HF Leiterplatten* 123	<input type="text" value="12"/>

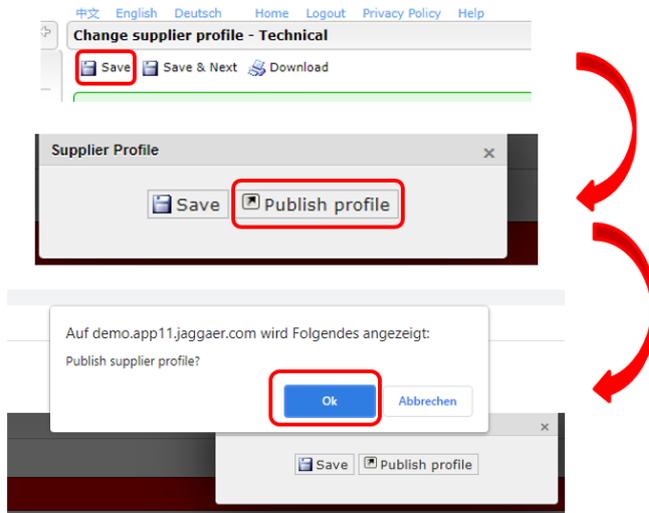
If you put a “yes, no” answer where an integer is required, Jaggaer will highlight this.



## 4.6 Publish

When all questions have been answered and saved, you can publish the questionnaire so Endress+Hauser can see it.

You do that by pressing *Save* again and *Publish* in the new Window that opens. You must confirm publishing by pressing *OK* in the next window.



You will get a notification when you have published successfully.

