

How to join ECHA's system-to-system integration service

November 2019

ABC

Disclaimer

This document aims to assist users in complying with their obligations under the [REACH][CLP]Biocides Regulation.

However, users are reminded that the text of the [REACH][CLP]Biocides Regulation is the only authentic legal reference and that the information in this document does not constitute legal advice. Usage of the information remains under the sole responsibility of the user. The European Chemicals Agency does not accept any liability with regard to the use that may be made of the information contained in this document.

Version	Changes	
1.0	Initial version	November 2019

How to join ECHA's System-to-System integration service

Reference: ECHA-19-H-16-EN

ISBN: 978-92-9481-162-2

Cat. Number: ED-01-19-862-EN-N

DOI: 10.2823/70982

Publ.date: November 2019

Language: EN

© European Chemicals Agency, 2019

Cover page © European Chemicals Agency

If you have questions or comments in relation to this document please send them (quote the reference and issue date) using the information request form. The information request form can be accessed via the Contact ECHA page at:

<http://echa.europa.eu/contact>

European Chemicals Agency

Mailing address: P.O. Box 400, FI-00121 Helsinki, Finland

Table of Contents

1. INTRODUCTION	4
1.1 Purpose.....	4
1.2 References	4
1.3 Abbreviations and terminology	4
2. STEPS TO SYSTEM-TO-SYSTEM INTEGRATION	5
2.1 Step 1 – Request access to System-to-System service	5
2.2 Step 2 – Assign access role.....	6
2.3 Step 3 – Create a S ₂ S key	7
2.4 Step 5 – Test implemented setup	9
2.5 Step 6 – Enter to Production mode	9
3. SERVICE LEVELS AND SUPPORT	9

Table of Figures

Figure 1: S ₂ S request form	6
Figure 2: ECHA account S ₂ S access right	7
Figure 3: Acceptance of the terms and conditions of the S ₂ S service	8
Figure 4: S ₂ S keys page with one listed legal entity	8
Figure 5: Pop-up window with key value and 'Export (.csv)' button	9

1. Introduction

1.1 Purpose

The purpose of this document is to describe the steps industry needs to take in order to start using the ECHA's System-to-System integration service.

The System-to-System integration service allows companies to interact with the ECHA Submission portal via RESTful API calls in order to submit their notifications in the framework of the following regulatory programme:

- Annex VIII to the CLP Regulation on harmonised information relating to emergency health response, see [2].

By registering to this service, companies can obtain the information necessary to authenticate the API calls to the ECHA Submission portal and use the service to submit their notifications.

This document does not cover the technical aspects of the System-to-System integration, i.e. the RESTful API exposed by ECHA Submission portal and the security model to be implemented, which are covered in [3].

1.2 References

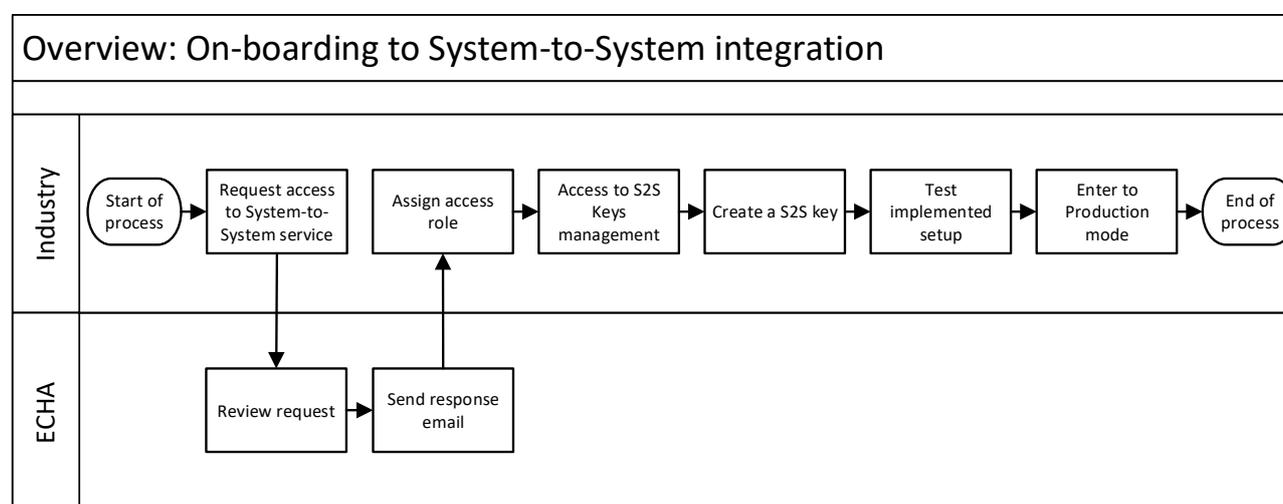
#	Description
1.	ECHA Submission portal - https://ecs.echa.europa.eu/cloud/submissions/list
2.	Poison Centres Notification format - https://poisoncentres.echa.europa.eu/poison-centres-notification-format
3.	System-to-System integration – REST API and security model (not published yet)
4.	ECHA Account manual - https://echa.europa.eu/documents/10162/21721613/echa_accounts_en.pdf

1.3 Abbreviations and terminology

Term	Description
ECHA	The organisation being responsible for the ECHA Submission portal and the System-to-System services
ECHA Accounts	It is the application used to manage Legal Entity and user information and provide authentication and authorisation services to integrating systems
ECHA Submission portal	The portal used to submit PCN notifications
Industry	Legal Entities submitting notifications to ECHA
LE	Legal Entity

Term	Description
LE manager	The person responsible for signing up the company and managing users, contacts and company details
S ₂ S keys manager	The person responsible for the management of the S ₂ S keys in ECHA Accounts
S ₂ S	System-to-System

2. Steps to System-to-System Integration



2.1 Step 1 – Request access to System-to-System service

The LE manager needs to submit a request to be part of the System-to-System service via ECHA’s contact form available at <https://echa.europa.eu/contact/clp>

In the contact form, the LE manager needs to select:

Request type: ‘Annex VIII – Poison Centres’

Topic: ‘Request for System to System (S₂S) integration access’

Question: In the open textbox for ‘Question’, the following information needs to be provided:

- ECHA account username
- Legal Entity UUID that wants to submit dossier
- Legal Entity name
- Software used to connect to ECHA system (if using own, specify ‘self-developed’)

The LE manager can use a text similar to the one shown below:

‘I want my Legal Entity to have access to the System to System service provided by ECHA in the context of Poison Centres Notifications. The details of the Legal Entity are the following:

Username of my ECHA account is: testName

Legal Entity UUID: ECHA-XXXXXXXX-XXXX-XXXX-XXXX-XXXXXXXXXXXX

Legal Entity Name: Test Name

Our S₂S API requests will be performed by our own self-developed software.'

Your contact details: In 'Your contact details' section, the email address meant to receive the email containing the response to the service request has to be provided.

Figure 1: S₂S request form

Contact - CLP

Your request

* Request type
Annex VIII - Poison Centres

* Topic
Request for System to System (S2S) integration access

* Question
I want my Legal Entity to have access to the System to System service provided by ECHA in the context of Poison Centres Notifications. The details of the Legal Entity are the following:
Username of my ECHA account is: [testName](#)
Legal Entity UUID: ECHA-XXXXXXXX-XXXX-XXXX-XXXX-XXXXXXXXXXXX
Legal Entity Name: Test Name
Our S2S API requests will be performed by our own self-developed software

Please attach any additional information that you consider relevant. File size must not exceed 5MB (accepted formats doc, docx, pdf, xls,xlsx and zip).

Browse...
Browse...
Browse...

2.2 Step 2 – Assign access role

Once ECHA approves the request, the LE manager will be able to assign its user(s) a new role called "S₂S Keys Manager". The "S₂S Keys Manager" will then be able to handle the related keys to authenticate S₂S calls.

The following sub-steps need to be followed:

- Go to <https://idp-industry.echa.europa.eu/idp>
- Login using the LE manager credentials
- Click on 'My Legal Entity' (<https://ulem-web.echa.europa.local/ulem-industry/views/le/view.xhtml>)
- Navigate to the 'Users' tab
- Click on the username of the user you want to assign the 'S₂S Keys Manager' role to
- Click on 'Edit' of the 'View Account Details' page
- Drag the 'S₂S Keys Manager' label from the 'Available roles' box and drop it to the 'Selected roles' box
- Click on 'Save'

For further reference on how to assign a user role, please see the ECHA accounts manual [4].

Figure 2: ECHA account S₂S access right

The screenshot displays the 'Edit account details' page for a user named 'testIDM'. The page is divided into three main sections: 'User Information', 'Legal Entity', and 'User Profile'. The 'User Information' section contains fields for First Name (Test), Last Name (Name), Email (testIDM@echa.europa.eu), Username (testIDM), and Phone. The 'Legal Entity' section shows the Primary Legal Entity Name as TESTLETESTLE and the Primary Legal Entity UUID as ECHA-2039890c-1596-4b29-81aa-42c0aff488f1. The 'User Profile' section features two columns: 'Available roles' and 'Selected roles'. The 'Available roles' list includes REACH Reader, PIC Reader, BPR Reader, IUCLID Trial Full Access, IUCLID Full Access, IUCLID Read Only, and S2S Keys Manager. The 'Selected roles' list includes LE Manager, REACH Manager, PIC Manager, BPR Manager, and IUCLID Trial Read Only. At the bottom of the page, there are 'Save' and 'Cancel' buttons.

2.3 Step 3 – Create a S₂S key

Once the role has been assigned, the S₂S Keys Manager can proceed to the keys management page and create a key.

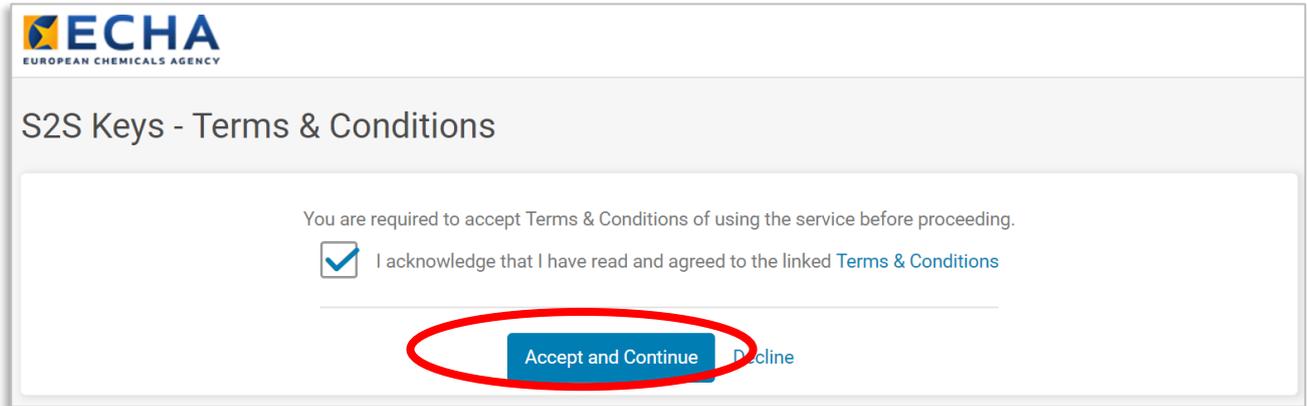
To do that, the following sub-steps need to be followed:

- Go to <https://idp-industry.echa.europa.eu/idp>
- Login using the S₂S Keys Manager credentials
- Click on 'S₂S keys' (<https://qa-ulem-web.echa.europa.local/ulem->

[industry/views/s2s/search.xhtml](#))

- The first time the user accesses the S₂S keys management page, Terms and Conditions will be presented and need to be accepted. Click on 'Accept and Continue' after reading the document.

Figure 3: Acceptance of the terms and conditions of the S₂S service



ECHA
EUROPEAN CHEMICALS AGENCY

S2S Keys - Terms & Conditions

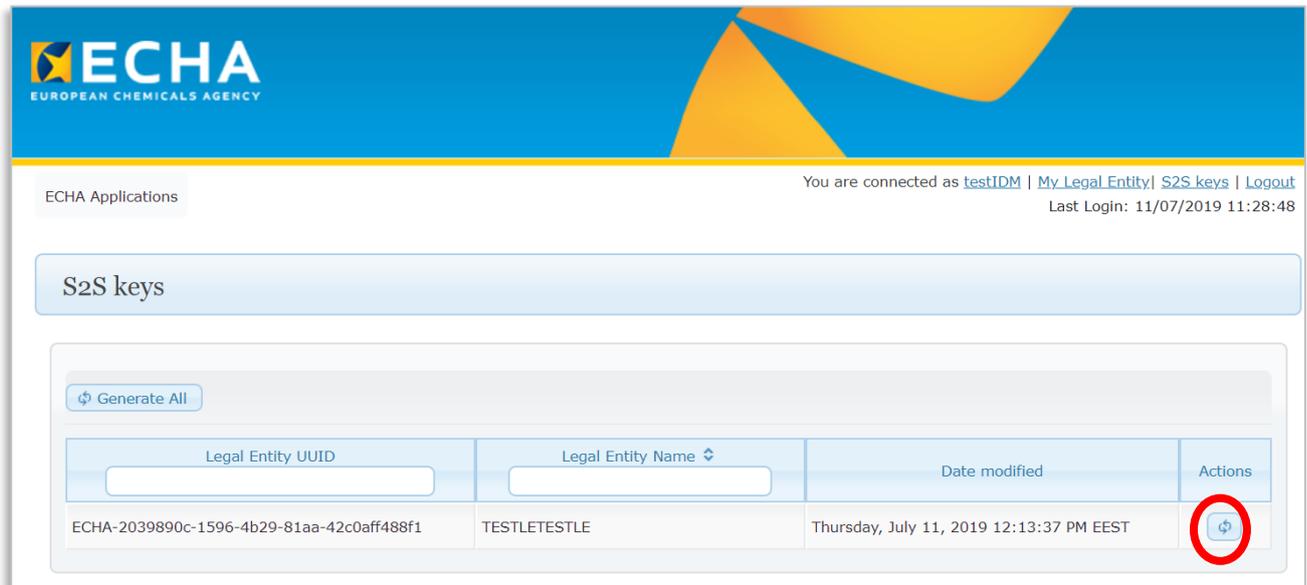
You are required to accept Terms & Conditions of using the service before proceeding.

I acknowledge that I have read and agreed to the linked [Terms & Conditions](#)

[Accept and Continue](#) [Decline](#)

- In the S₂S keys page, click on  to generate a new key for one of the listed Legal Entities.

Figure 4: S₂S keys page with one listed legal entity



ECHA
EUROPEAN CHEMICALS AGENCY

ECHA Applications You are connected as [testIDM](#) | [My Legal Entity](#) | [S2S keys](#) | [Logout](#)
Last Login: 11/07/2019 11:28:48

S2S keys

[Generate All](#)

Legal Entity UUID	Legal Entity Name	Date modified	Actions
ECHA-2039890c-1596-4b29-81aa-42c0aff488f1	TESTLETESTLE	Thursday, July 11, 2019 12:13:37 PM EEST	

The key is generated and a pop-up window displays it.

- Save the key in a secure manner in order to be included in the client system configuration. For that, the user can copy the key or export it as a comma separated file. Once the window is closed, it will not be possible to retrieve the key anymore. If the key is lost, the user must re-generate a new one.

Figure 5: Pop-up window with key value and 'Export (.csv)' button



The system allows generating a key for all the legal entities that the user manages. For that purpose, the user needs to click on



2.4 Step 5 – Test implemented setup

Test the System-to-System configuration before submitting notifications in production mode.

Please see the technical reference [3] for information on how to use the TEST mode in the API requests. For any problems during the testing phase, please contact ECHA service desk via the contact form <https://echa.europa.eu/contact/clp>

2.5 Step 6 – Enter to Production mode

Once the test has been successful, the System-to-System Integration can be used. Please see reference [3] for additional information on how to switch from testing to production mode. System Requirements.

There are no specific system requirements regarding the S₂S interface. ECHA has made available the specifications and companies remain fully responsible for developing the software and specify the hardware requirements that will meet their needs.

3. Service Levels and Support

Support will be provided during the ECHA regular office hours - Monday to Friday 9.00 to 18.00 Helsinki time. Please consider ECHA public holidays <https://echa.europa.eu/contact/opening-hours>

You can get in touch with the Agency by using ECHA contact forms:

<https://echa.europa.eu/contact/clp>

EUROPEAN CHEMICALS AGENCY
ANNANKATU 18, P.O. BOX 400,
FI-00121 HELSINKI, FINLAND
ECHA.EUROPA.EU