

Data Producers & Data Retrievers

Last Modified on 07/07/2023 2:42 pm ACST

Certain CareRight installations communicate via either HL7 or a JSON API to external systems.

System Administration > Workflow > Data Producers

To send HL7 or JSON notifications to an external system, choose *New*, fill out the required information.

Choose your message type:

- Patient Demographics - notifications are sent as patient details change. HL7 only
- Appointments - notifications are sent as appointment statuses change

Data producer

Name	Third Party System
Producer *	Appointments
Message Type *	HL7
	<input checked="" type="checkbox"/> Enabled
Destination Host *	example.com
Destination Port *	8787

Create Data producerCancel

For a JSON API endpoint, CareRight authenticates with OAuth Client Credentials.

Data producer

Name	Third Party System
Producer *	Appointments
Message Type *	JSON
	<input checked="" type="checkbox"/> Enabled
Destination Host *	example.com
Destination Port *	8787
Client Type	Select from list

Credentials
Only applicable for JSON or OAuth2 endpoints

Client ID	
Client Secret	
Authentication Url	
Api Endpoint Url	

Create Data producerCancel

System Administration > Workflow > Data Retrievers

For certain systems, a JSON API can be created to retrieve free/busy information, and updates to appointments. CareRight will regularly poll the specified endpoint for information.

Data retriever

Name *

Charity Example - Appointments

Retriever *

Appointments

Message Type *

JSON

Organisation *

Charity, Example Charities Pty Ltd

☒ Enabled

Credentials

Only applicable for *JSON* or OAuth2 endpoints

Client ID

dummy-client-id

Client Secret

Authentication Url

http://localhost:8282/auth/request/path

Api Endpoint Url

http://localhost:8282/api/v1/appointments/list

Update Appointments Data Retriever Charity Example - Appointments

Cancel

For more information and sample messages, contact Clintel Systems to discuss the 'NGO API'.