BRIDGE API PRACTICAL GUIDE

How to understand the API scope & behavior

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BRIDGE,
TWO PLATFORMS :

BRIDGE V2

BRIDGE V3

Depending on the configuration of your BRIDGE account, you may need to use the version of the V2 or V3 API. The labels of the fields managed via API as well as the features offered differ between these two versions.

The purpose of this documentation is to give you a quick overview of the role of an API and how it works; to explain the differences between the two versions of the API, and to share with you what you can do, depending on the version you are using.
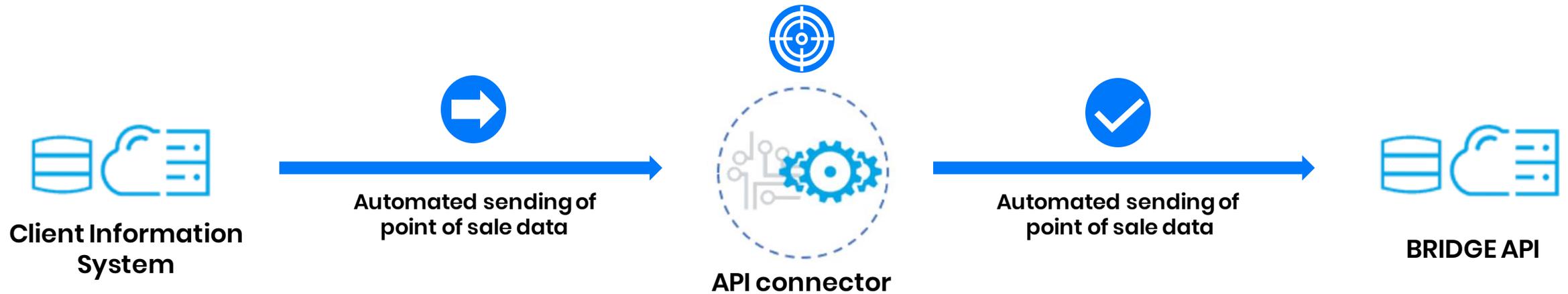
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API, WHAT ELSE ?

API is an acronym for Applications Programming Interface.
An API is a programming interface that allows you to "plug" you on an application to exchange data automatically and repeatedly.

Thus, the BRIDGE API allows the customer flow to "connect" the customer information system to BRIDGE and create, modify, delete automatically point-of-sale data, or retrieve it from BRIDGE in order to use it on another computer application (information system; web application; or any other customer tool).

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Sending CLIENT data >>> BRIDGE

Client Information System → Automated sending of point of sale data → **API connector** → Automated sending of point of sale data → **BRIDGE API**

Your flow sends data to the BRIDGE API to create/change/delete store data automatically, without going through the BRIDGE back office.
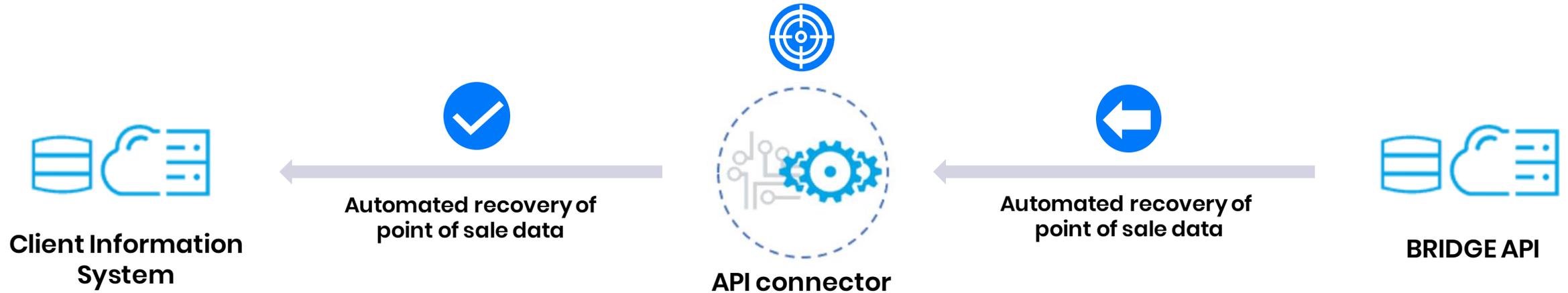
To ensure that the BRIDGE API correctly recovers the advanced data, an API connector, developed by you or Solocal, will review all this data and establish connections with BRIDGE. This is a data "mapping" phase. The API connector acts as a translator: It will translate the language of your flow into the BRIDGE language and ensure that the two entities understand each other.

Once the translation is completed, BRIDGE knows exactly what data needs to be updated and applies it. The BRIDGE back Office is therefore updated as well as the Store Locator and/or publishers.

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CLIENT data recovery <<< BRIDGE

Client Information System

Automated recovery of point of sale data

API connector

Automated recovery of point of sale data

BRIDGE API

This process also works in the other direction: Your flow can retrieve updated point of sale data directly from the BRIDGE API to apply it to your website or any other computer application (information system, web application, etc.). The API connector will translate the BRIDGE language into the language of your information system. This will allow your flow to properly update the store data.

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API V2 & V3 :
DIFFERENT FEATURES

The following tables show you specific labels for both version of the V2 and V3 API, as well as the features they offer you.

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API ID CARD

	API V2	API V3
API domain name	api.leadformance.com	bridge-api.leadformance.com
Technical documentation	https://developer.leadformance.com/v2 login / psw : leadformance / api-prod	https://api-bridge.leadformance.com
API format	RESTFULL	RESTFULL
Instant Quota in Query per second	5 qps	5 qps
Daily quota of API calls, included in the offer	10 000	10 000
Development of the API connector	Client or Solocal (on quotation)	Client or Solocal (on quotation)
API connector technical documentation		https://github.com/Leadformance/bridge-api-client-php

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POINT OF SALES

	API V2	API V3
Label	**Point Of Sales**	**Locations**
Queries		
Create a point of sale	✔	✔
Update a point of sale via its id	✔	✔
Activate/deactivate/delete a point of sale	✔	✔
Search for a point of sale via its id	✔	✔
List points of sale	✔	✔
Search for a point of sale according to specific criteria (status; type of point of sale; location coordinates)	✘	✔
Search for points of sale by radius	✘	✘

✔ : available   ✘ : not available

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EXCEPTIONAL OPENING HOURS

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	API V2	**API V3**
Label	Specific Opening Hours	Special Opening Hours
Queries		
Create an exceptional hour (dates; status; description)	✔	✔
Update an exceptional hour (dates; status; description)	✔	✔
List the exceptional hours of a point of sale	✔	✔

✔ : available   ✘ : not available

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PRODUCTS / SERVICES

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	API V2	API V3
Label	Smart tag	OfferRanges
Queries		
Create a product/service (text; checkbox; true/false selector; list type)	✔️	❌
Update a product/service (text; checkbox; true/false selector; list type)	✔️	❌
Assign a product/service to a point of sale	✔️	✔️
Delete a product/service (text; checkbox; true/false selector; list type)	✔️	❌
Search for a product/service	✔️	❌
List products/services	✔️	✔️

✔️ : available   ❌ : not available

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CUSTOM DATA

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	API V2	API V3
Label	Smart tag	Extensions
Queries		
Create a custom data (text; checkbox; true/false selector; list type; file type)	✔️	❌
Edit custom data	✔️	❌
Update custom data of a point of sale (text; checkbox; true/false selector; list type; file type)	✔️	✔️
List custom data of a point of sale (text; checkbox; true/false selector; list type; file type)	✔️	✔️

✔️ : available   ❌ : not available

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IMAGES

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	API V2	API V3
Queries		
Create an image (point of sale; custom data; products/services image)	✔	✘
Create an event image	✔	✘
Update an event image	✔	✘
Update a point of sale image	✔	✘
List images of a point of sale (point of sale; custom data; products/services image)	✔	✔

✔ : available   ✘ : not available

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EVENTS

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	API V2	API V3
Label	Event	Publication
Queries		
Create an event	✔	✘
Create an event category	✔	✘
Update an event	✔	✘
Delete an event or event category	✔	✘
Search for an event via its id	✔	✔
Search for an event category	✔	✘
List events	✔	✔
List event categories	✔	✘
Search for an event according to specific criteria (type; name; status; start/end date…)	✔	✔

✔ : available   ✘ : not available

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CONTACT FORM
(STORE LOCATOR)

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	API V2	API V3
Label	Lead	Lead
Queries		
Update a prospect	✔	✖
Delete a prospect	✔	✖
Search for a prospect	✔	✖
List prospects	✔	✖

✔ : available   ✖ : not available
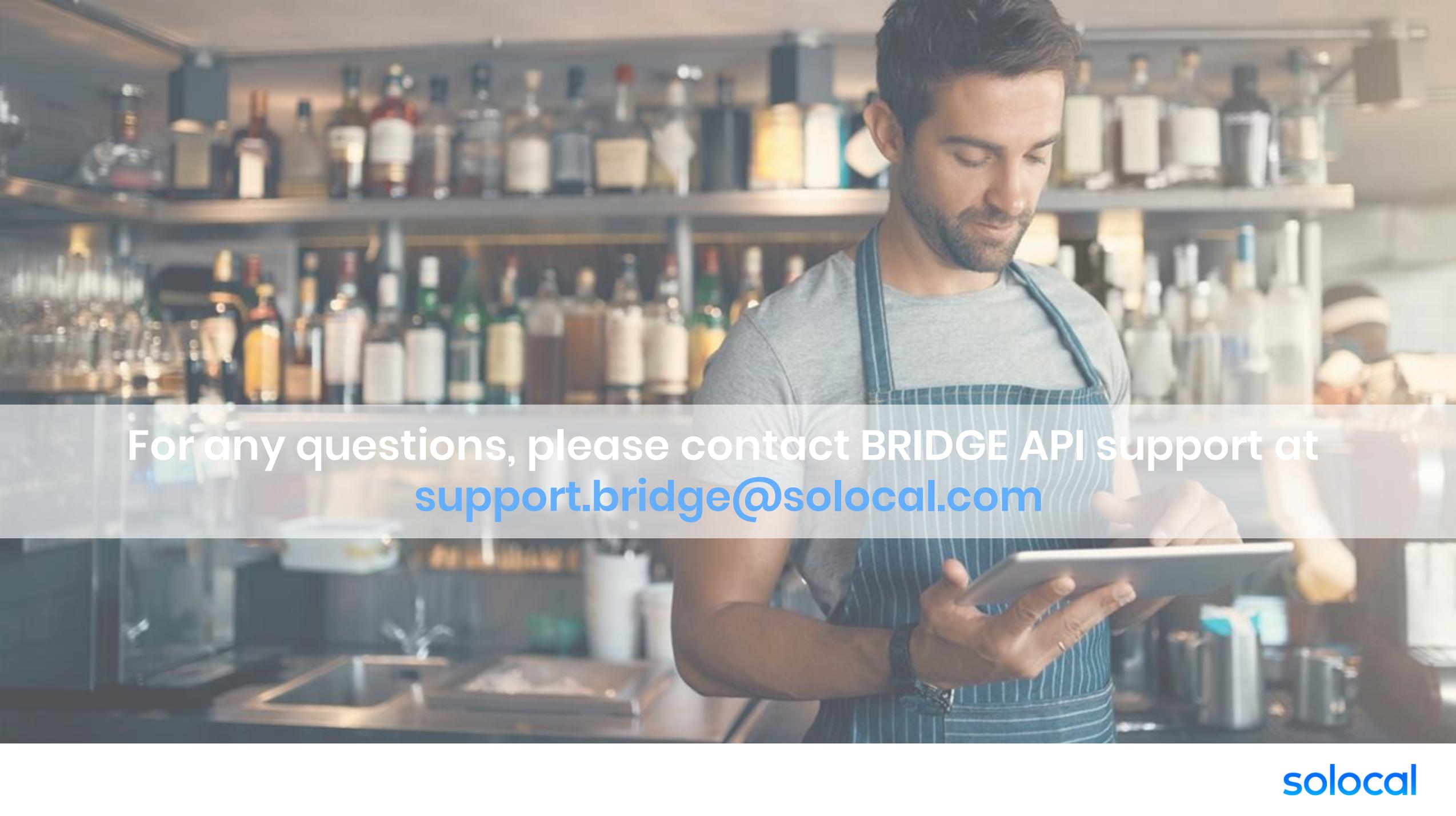
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For any questions, please contact BRIDGE API support at
support.bridge@solocal.com