

Using the Bing Map Service to Print Delivery Directions

The screenshot shows a 'Setup Screen' window with a tabbed interface. The 'Delivery' tab is selected. The window contains the following sections:

- Delivery Assignment Order:** Radio buttons for 'Oldest Order First' (selected), 'Order by Time Promised', and 'Never'.
- When to Print Delivery Directions:** Radio buttons for 'When Driver is Dispatched', 'When Sent to Kitchen', and 'Never' (selected).
- Delivery Directions Printing Method:** Radio buttons for 'Demonstration' (selected) and 'Live'.
- Delivery Directions Provider:** Radio buttons for 'Map point Webservice' and 'BING Maps' (selected).
- Checkboxes:** 'Print Customer Info on Kitchen Printer' and 'Print Return Directions' are both checked.
- BING Maps Authentication Info:** Text boxes for 'Find Service URL' (http://dev.virtualearth.net/REST/v1/Loca), 'Route Service URL' (http://dev.virtualearth.net/REST/v1/Rout), and 'BING Maps key' (ArbcxL2SRVxKe5eCGGf4N-LiOs8L_).

At the bottom of the window are three buttons: 'Scale', 'Update', and 'Exit'.

Note: In order to print delivery directions with the Bing Map Service you must have a Windows Live ID (i.e. example@hotmail.com or example@live.com) account setup. You will also need to have a receipt printer setup to be able to print the delivery directions.

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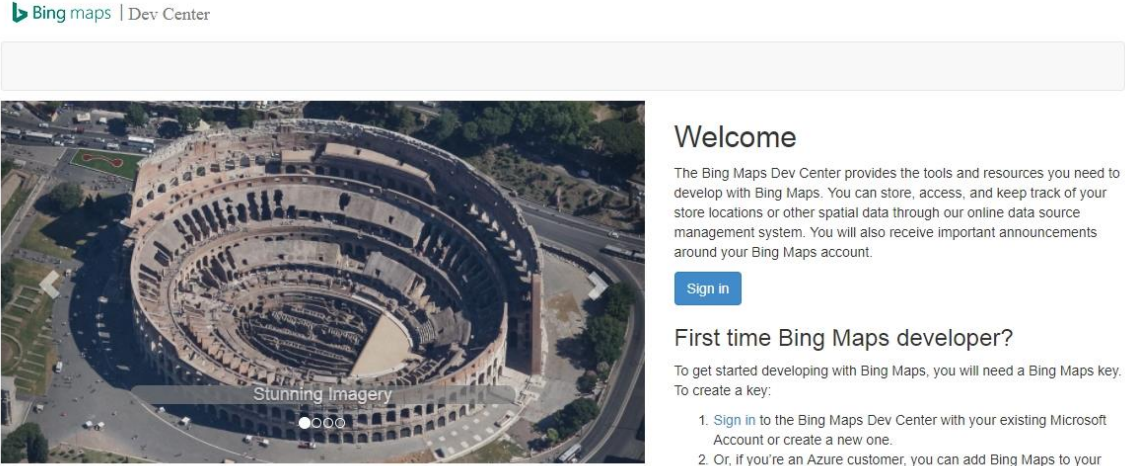
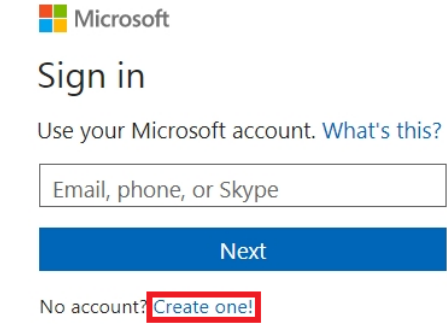
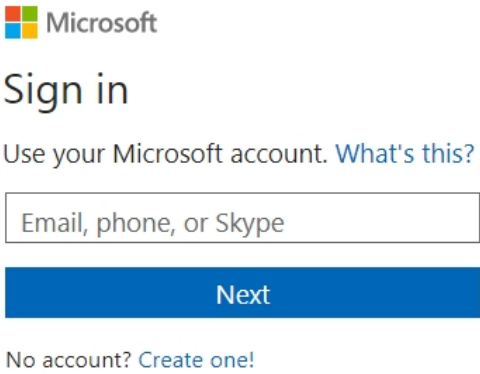
Revision History

| Document Version | Date | Author | Description of Changes |
|-------------------------|-------------|------------------|---|
| 1.0 | 2/16/2011 | Ryan Holdridge | 1st Release |
| 1.1 | 8/3/2017 | Mathew Piccinich | Updated steps for creating Bing Maps Key. |

Creating API Keys

To create the API Key please go here:

- <https://www.bingmapsportal.com>

| | |
|---|---|
|  | |
|  | <ul style="list-style-type: none">• If you need to create a Windows Live ID then select Sign In followed by Create One!. |
|  | <ul style="list-style-type: none">• If you have a Windows Live ID then select Sign In.• Enter the Email, phone #, or skype ID used by your Microsoft account.• Enter the Password.• Select Next. |

Create an account

You can use any email address as the user name for your new Microsoft account, including addresses from Outlook.com, Yahoo! or Gmail. If you already sign in to a Windows PC, tablet, or phone, Xbox Live, Outlook.com, or OneDrive, use that account to [sign in](#).

First name **Last name**

User name

[Get a new email address](#)

Password

8-character minimum; case sensitive

Reenter password

Country/region

Birthdate
Month Day Year

Gender

Help us protect your info
Your phone number helps us keep your account secure.

Country code

Phone number

- Enter the required information to create your Microsoft account.

 Bing maps | Dev Center

My account ▾ Data sources ▾ Announcements Contacts & Info

My **My Keys**

Account Details
Usage Report

- After the account has been created and it brings you to the dev center page, move the mouse over **My Account** and select **My Keys**

My keys

Click [here](#) to create a new key.

- Click on the click here link to create

Create key

Application name *

Restaurant Pro Express

Application URL

http://www.pcamerica.com

Key type *

[What's This](#)

Basic

Application type *

Broadcast

Create

Cancel

* Required field

- Type Restaurant Pro Express for **Application Name**
- Type <http://www.pcamerica.com> for **Application URL**
- Select **Basic** for **Key type**
- Select **Broadcast** for **Application Type**
- Select **Create**

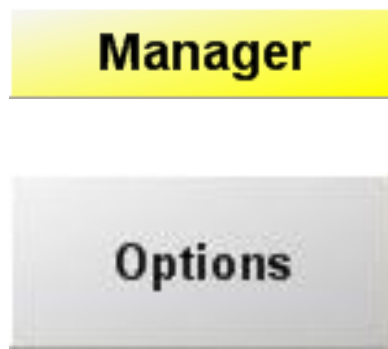
| Application name | Key details |
|------------------------|---|
| Restaurant Pro Express | <p>Key: Aq2PpTK0Hpvve1_c6PwEryAifWd62nCNf6BKRhN1JkclNcbv2fbgZUUEWx4_r8G</p> <p>Application Url: Key type: Basic / Broadcast Created date: 08/01/2017 Expiration date: None Key Status: Enabled</p> <p>Update Copy key Usage Report</p> |

- You will then want to copy the **Key** as we will need it in the next section.

Note: The Key shown above is not a valid key.

Setting up CRE/RPE to Print Delivery Directions

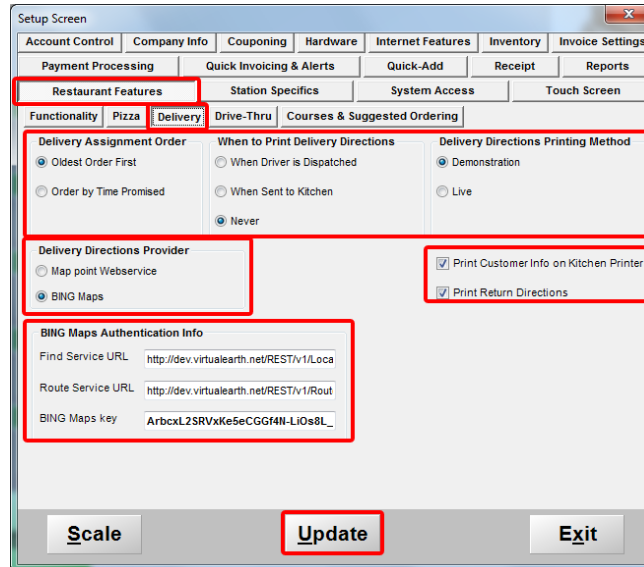
After acquiring your API key, please follow the steps below from the Login Screen:



1. Select the **Manager** or **Options** button.
2. Enter the administrator password (default: admin) where applicable.
3. Select **Setup** then, **Setup Screen**.

The screenshot shows a "Setup Screen" window with a tabbed interface. The "Company Info" tab is selected. The "Company Information" section contains fields for "Downtown Deli", "www.pcAmerica.com", "1-800-722-6374", "Acct# (for check validation)", "Tax ID:", and "Work Week Starts On: Sunday". The "Store Information" section contains fields for "Address: 1 Blue Hill Plaza", "City: Pearl River", "State: NY", "Zip Code: 10965", "Store Description", "Store ID: 1001", "Square Footage: -1", and "Population Served: -1". At the bottom are buttons for "Scale", "Update", and "Exit".

4. Select the **Company Info** tab, here you will need to enter your **Company Information**.
5. You will also need to enter the **Address, City, State, Zip Code** under **Store Information**.



6. Select the **Restaurant Features** tab and then select the **Delivery** tab.
7. Select the **Delivery Assignment Order** to either assign the orders by **Oldest Order First** or assign the **Order by Time Promised**.
8. Select **When to Print Delivery Directions** either:
 - **When Driver is Dispatched** - from the delivery tracking screen.
 - **When Sent to Kitchen** – when you select either Send or Pay from the invoice screen. This option can be used without the delivery tracking screen.
 - **Never** – will never print the directions.
9. Select the **Delivery Directions Printing Method**:
 - **Live** - will use the map point service.
 - **Demonstration** – will use a set address in the program (demo purpose).
10. Optionally you can select to **Print Customer Info on Kitchen Printer** and select to **Print Return Directions** on the receipt.
11. Under **Delivery Directions Provider** select **Bing Maps**.

BING Maps Authentication Info

Find Service URL

Route Service URL

BING Maps key

12. Under **Bing Maps Authentication Info** enter:
 - **Find Service URL** - <http://dev.virtualearth.net/REST/v1/Locations>
 - **Route Service URL** - <http://dev.virtualearth.net/REST/v1/Routes>
 - **Bing Maps key** - The key we created in the previous section.
13. Select **Update** to save your changes.

Note: The Delivery directions will print on the receipt printer.