

PixelPoint<sup>®</sup>

# **Google Maps Integration for Deliveries**

## Publication Details

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### **Patents**

The following patents apply to some areas of functionality within the PixelPoint software suite: Pat. 6,384,850; 6,871,325; 6,982,733; 8,146,077; 8,287,340

## **Overview**

PixelPoint now integrates with Google Maps, giving drivers a convenient way to plan their delivery routes. Users are able to have Google Maps directions sent from the POS directly to the default browser on the terminal they are using for quick viewing, or emailed to them with a link to the directions as well as a table displaying all of the deliveries scheduled for their trip.

## **Requirements**

- PixelPoint v18.6.19.375
- BackOffice v18.6.19

## Configuration

From within BackOffice:

1. Navigate to Point of Sale > System Configuration.
2. Select the Policies tab and locate the policy MapOnDelivery.
3. Uncheck the Use Default box and assign a value between 1 and 3, depending on your preferred options. The available options are available in the POS after the driver selects the Map button on the delivery screen:
  1. Creates a Google Maps link to directions for the selected deliveries and displays them on the default browser of the station in use.
  2. Prompts a dialog box with two options. Users can choose one or both:
    - Email the driver a link to the Google Maps directions of the delivery route
    - Include address information for each customer that is scheduled for delivery directly in the email.
  3. Prompts a dialog box with all three of the above described options.
4. Save changes and select the Company Info tab.
5. Ensure the complete address of the store is present.

The screenshot shows the 'System Setup Options' dialog box with the 'Company Info' tab selected. The form contains the following fields and controls:

- Owner:** Text input field.
- Contact:** Text input field.
- Address 1:** Text input field containing '255 Silver Linden Dr'.
- Address 2:** Text input field.
- City:** Text input field containing 'Richmond Hill'.
- Prov/State:** Text input field containing 'ON'.
- Country:** Text input field containing 'Canada'.
- Postal/Zip:** Text input field containing 'L4B 4V5'.
- Email:** Text input field.
- Web Site:** Text input field.
- Report Comment:** Text area.
- Phone:** Text input field with a format '( ) - '.
- Fax #:** Text input field with a format '( ) - '.
- Buttons:** 'Edit', 'New', 'Cancel', 'Save', 'Find', and 'Exit' at the bottom.
- Logo:** 'EverServ' logo with 'ProPart' underneath.
- Image Button:** 'Load Image' button.

6. Save any changes and exit the form.

7. Navigate to Employees > Employees and create or navigate to the employee profile for the delivery driver. Ensure a valid email address is present. If the option to email directions to the delivery driver will not be used, this step can be skipped.

The screenshot shows the 'Employees' application window with the 'Driver' profile selected. The 'Employee Info' tab is active. The 'Email' field is highlighted with a red rectangle. The form includes fields for Employee Name (Peter), Last Name (Pan), P.O.S. Name (Driver), POS Functions (Visible), Home Phone, Bus. Phone, Cell Phone, Address Line 1, Address Line 2, City, Prov/State, Postal/Zip, SIN, Birth Date, Age (118), Revenue Center (Default Revenue Center), Reference #, Swipe # (300), and buttons for Assign Card, Set Password, and Picture. The bottom of the form has Edit, New, Cancel, Save, Find, and Exit buttons.

8. Save any changes and repeat for each individual delivery driver profile. Exit the form when completed
9. Navigate to Mail > Email Setup.
10. Configure the store email account from which emails will be sent.

The screenshot shows the 'Email Setup' application window. The left side of the form, containing fields for Email server's address or network name, Port, User Name, Enter password, Sender, Display Name, and Send test email, is highlighted with a red rectangle. The right side of the form has tabs for Overview, Employee Schedule, Confirmation Agent, and Reservations. The Overview tab is active, showing checkboxes for Enable sending email for Employee Schedule, WebToGo, Confirmation Agent, and Cannot change password. The bottom of the form has Edit, New, Cancel, Save, Find, and Exit buttons.

11. Save any changes and exit the form.

In order for the correct information to be submitted to Google Maps using this functionality, all member profiles that will be receiving deliveries must have completed address information present. Member profiles can be populated both in BackOffice, as well as from within the POS.

## BackOffice

From the main BackOffice screen, navigate to Members > Members and ensure a complete address is present, including Postal/Zip codes.

The left screenshot shows the 'Member Info' tab for member Rocky Balbowa. The address fields are highlighted with a red box:

- Address 1: 7665 Kennedy Rd
- Unit No.
- Postal/Zip: L3R 0L7
- Address 2
- Home Phone
- Cell Phone
- Email
- Bus. Phone
- Buzzer Code

The right screenshot shows the 'Member Info' tab for member Rocky Balbowa. The location fields are highlighted with a red box:

- City: Markham
- Prov/State: Ontario
- Country: Canada

## PixelPoint

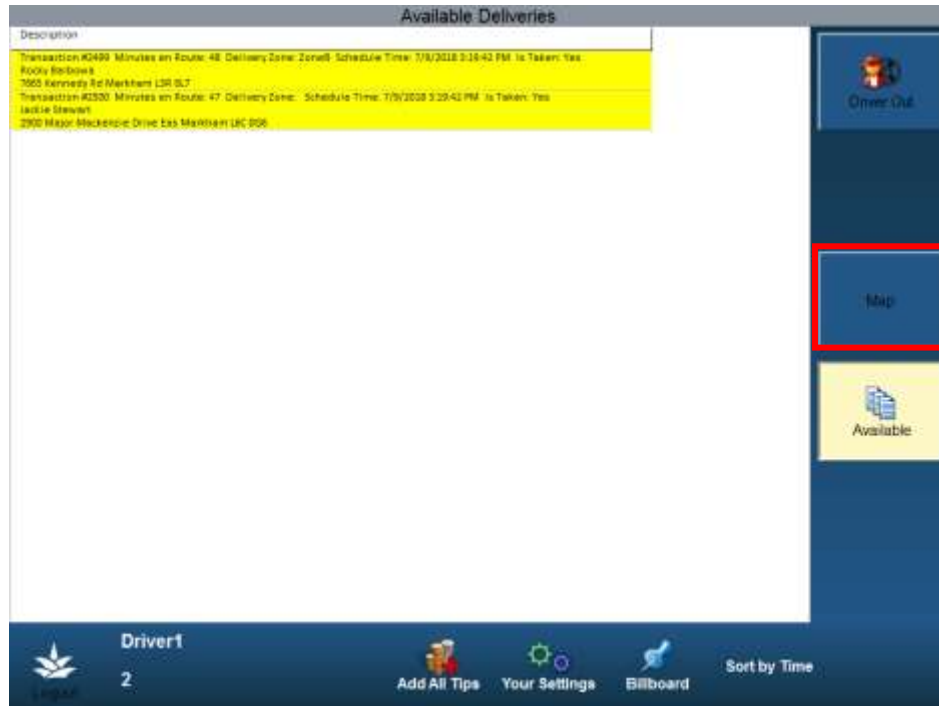
Navigate to the Member Setup screen by opening an order and selecting the Member button. Enter a complete address if creating a new profile, or confirm on existing profiles that address information is complete.

The screenshot shows the 'Member Setup' screen for Rocky Balbowa. The 'Address' section is highlighted with a red box:

- Address: 7665 Kennedy Rd
- Unit No.
- Buzzer Code
- City: Markham
- State
- Postal: L3R 0L7
- Country

## POS Functionality

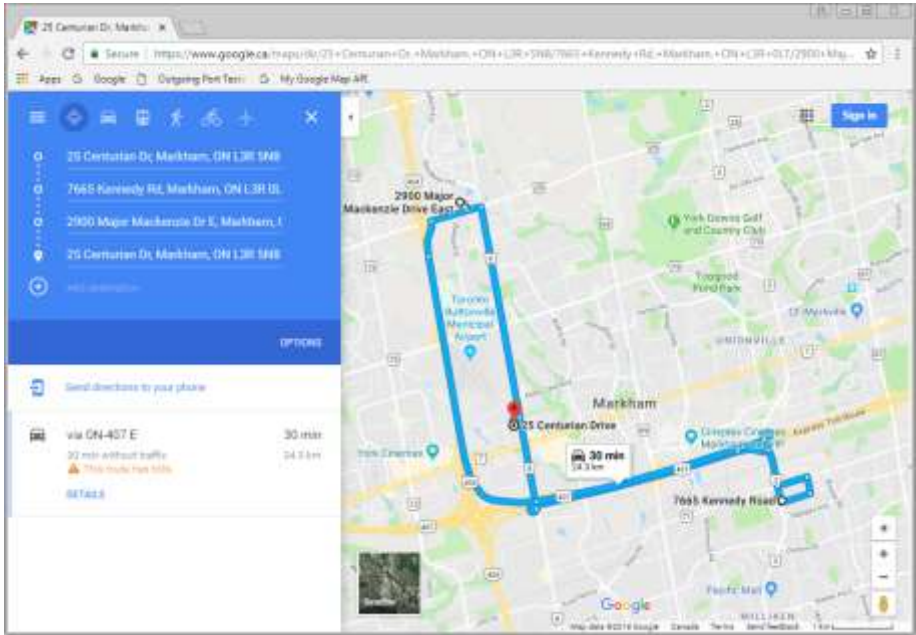
Once the setup is complete, the Map button will become available when an employee set as a Driver logs in to take deliveries. Note that an internet browser must be installed on any terminal being used for this function to work properly.



When the Map button is pressed, the user is presented with the options selected in the Policy setup in the previous section. The below screenshot shows the options given when option #3 is selected for the MapOnDelivery policy.



Selecting the Show route on Default Browser option will open the default browser on the terminal being used and plan the drivers delivery route for all pending deliveries, ordering each delivery location by the time elapsed on each order with the oldest orders being scheduled first. Addresses that are close together will be grouped together.



Selecting the Send Email with route link will send an email to the delivery drivers email address with a link to the Google Maps directions shown above. Checking the option to Include the customers details in the email will cause a table with the member address information to be included in the email.


Pixel Point <PixelPointPCS@outlook.com>

Mark Seller 1

Your Deliveries - 2018-07-09 4:17 PM

<https://www.google.ca/maps/dir/25+Centurian+Drive,+Markham,+ON,+L3R+5N8/7665+Kennedy+Rd,+Markham,+L3R+0L7/2900+Major+Mackenzie+Dr,+Markham,+L6C+0G6>

Transaction #	Member	Address	Schedule Time
2499	Rocky Balbowa	7665 Kennedy Rd Markham L3R 0L7	2018-07-09 4:17:03 PM
2500	Jackie Stewart	2900 Major Mackenzie Drive Eas Markham ON L6C 0G6	2018-07-09 4:17:03 PM