Coterie has a process where certain customer orders require them to send an email to their warehouse to advise them of new orders. Currently, this is a manual process and they would like to automate it.

Depending on the location that is on the sales order, there will be a certain distribution group that these orders need to be sent to.

Here is the logic I would like to put in place.

**Custom Table:**

We need to create a custom table that will be used to hold the email addresses by location. The table should be structured as follows:

* List field that will pull up a list of active locations.
* Email address field where they can enter the email address that needs to be included in the distribution.

**Custom Fields:**

We should create the following custom fields:

* We should create a custom checkbox field on the sales order that will be checked to identify the emails have been sent for that sales order.
* We should create a custom checkbox on the customer record that indicates this is a customer to include in this email automation.

The process should work like this.

We need a map reduce script that can be scheduled to run every 15 minutes. The script should have the following logic:

* Identify customer records where the ‘include in email automation’ box is set to TRUE.
* Identify any open orders for those customers where the ‘email sent’ box is set to FALSE.
* Identify the location value on these orders.
* Use the location value to identify what email addresses need to have the email sent to from the custom table we created.
* Use a specific email template that has predefined verbiage.
* Include in the email template subject line the Sales Order #, the Purchase Order # and the Pick Up Date (custom field on the sales order custbody1 ).
* Based on the location on the sales order, send the email to the list of email addresses mapped to that location in the custom table.
* After the email has been sent, check the Email Sent box on the sales order.
* Make sure the email communication is stored on the sales order under the communication tab.