Original Analysis for taxation requirements and accountancy solutions.

* Google region changed to Ireland
* 2/3rds details [Services taxable at the rate of the goods (the two-thirds rule) (revenue.ie)](https://www.revenue.ie/en/vat/vat-on-services/two-thirds-rule/index.aspx#:~:text=the%20entire%20transaction.-,If%20the%20cost%20of%20the%20goods%20used%20in%20carrying%20out,as%20the%20two%2Dthirds%20rule.)
* Irish Quick books has been obtained. - [QuickBooks (intuit.com)](https://qbo.intuit.com/app/homepage) UK Test account for comparison. - <https://qbo.intuit.com/redir/testdrive_uk>
* Numerous Sale invoices created in the Irish QBs account and none automatically adjusted to support the two-thirds rule
* Contacted Sage sales via their chat, they confirmed they do not support two-thirds
* Reviewed Xero website, no reference to two thirds.
* Reviewed Brightbooks (a local AP solution), they do have three types of invoices but currently can not see if this will auto calculate the two thirds rule <https://accountssupport.brightsg.com/hc/en-gb/articles/10773333718417-Invoices-and-Credit-Notes#>
  + Conclusion - Accounting platforms do not support the two thirds rule automatically
  + Recommended next steps - Contact an Accountant in Ireland, ask how this is normally managed

* VAT for Ireland is more complicated than the UK, however from creating sales and purchases in QBs there are only 10 that relate to sales. Only 3 are above zero. In comparison the UK has 8 codes, 2 are above zero
* Ireland has some differences in VAT reporting, QBS provides the below however from reviewing Irish accounting videos RTD is key
  + Taxable sales summary
  + Transactions without sales tax
  + Profit and lost
  + RTD report
  + Transaction by Tax Code
* Irish Quick books costs. To allow the Products and Services to contain Stock and Services (for tax calculations)
  + QuickBooks Online Plus is the minimum licenses type. This would cost our users 37 euro per month, with an introduction saving in the first 3 month
  + This does include multi-currency
  + For info - Sage is circa 31 e
  + For Xero 33 to 47 per month
* Existing Tax issues
  + Taxation rounding has been raised as an issue with our current system, will add more when known = Created a new ticket for this
* Need to consider supplier taxation as there is a link to Reversed VAT rates
* Review this - [No 31 of 2010, Section 41, Revenue Information Note (charteredaccountants.ie)](https://www.charteredaccountants.ie/taxsourcetotal/2010/en/act/pub/0031/notes/sec0041-2-notes.html#:~:text=13.-,The%20Two%2DThirds%20Rule,%27two%2Dthirds%20rule%27.) [Search Landing - ..rteredaccountants.ie (charteredaccountants.ie)](https://www.charteredaccountants.ie/search-landing?indexCatalogue=_all&searchQuery=veterinary)

Need to check non stock items, i.e. swabs are needed for the procedure so this is for a service but not not the service nor are they sales goods. Need to work out how this works for purchase and sales VAT

Outcome: Solution options and recommendations,

1. Amend existing Merlin to support Ireland
   1. Identify rounding issues, assess impact on Ireland, identify how long it would take to fix, gain decision on if it is a show stopper
   2. Amends include Increased taxation rates
   3. Build option to calculate two-third invoices, if required by the user?
   4. Build one way integrations to APs, if required by the user?
   5. Reporting to support RTD, if required by the user?