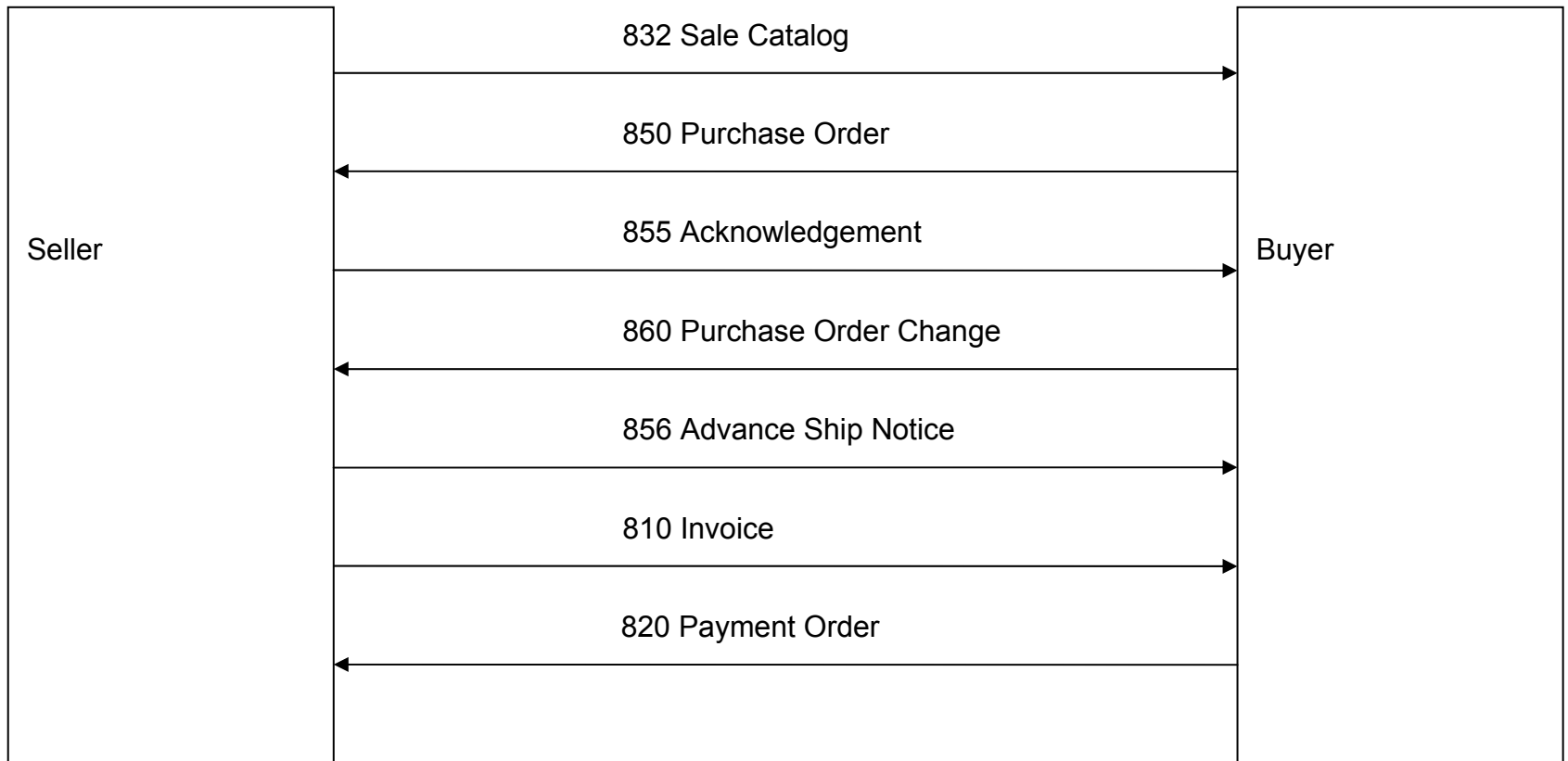

HK Harbor port RFID Demonstration project

- Integrating RFID with business process applications

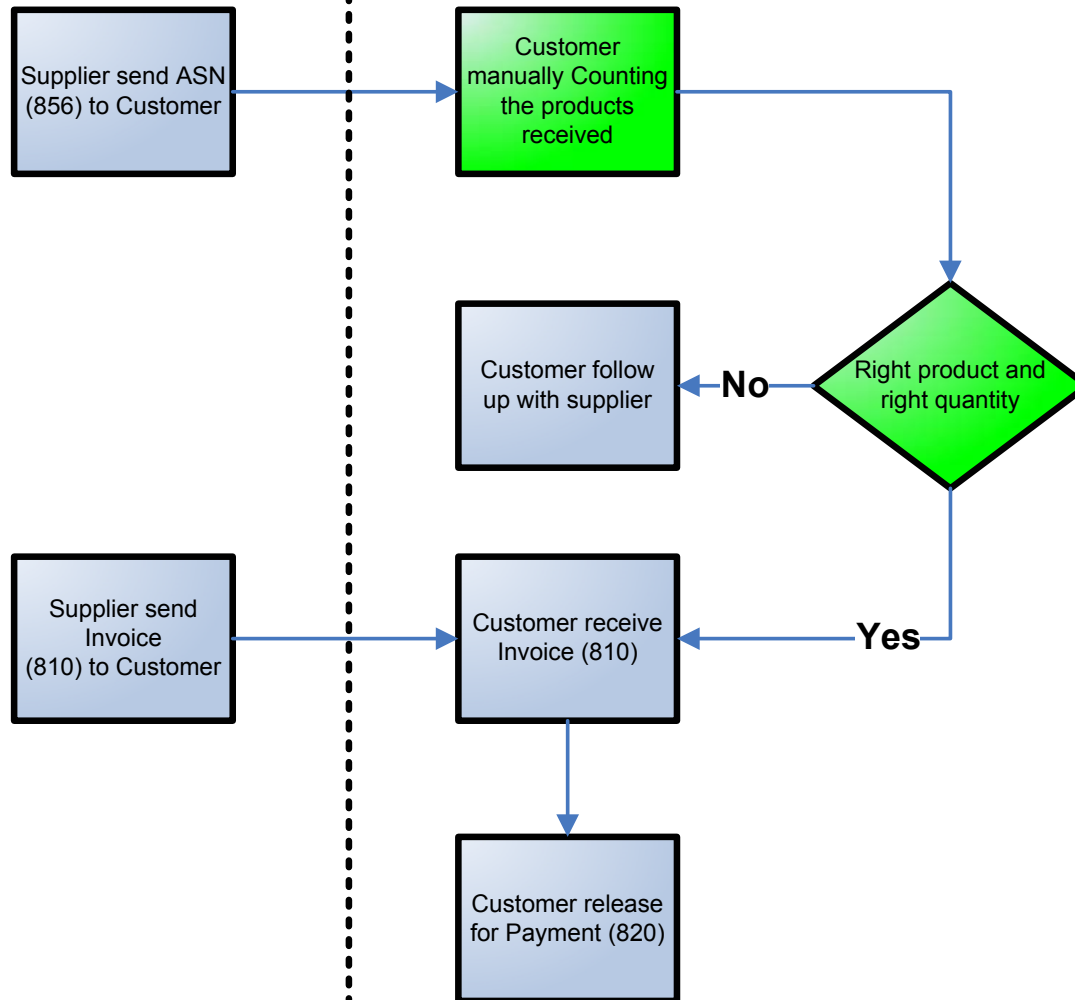
Henry Chen



ANSI X12 Transactions



Manual Process



Supplier

Customer

PML Core

```
<pmlcore: Sensor>  
  <pmluid:ID>urn:epc:1:4.16.36</pmluid:ID>  
  <pmlcore:Observation>  
    <pmlcore:DateTime>2002-11-06T13:04:34:  
    06:00</pmlcore:DateTime>  
    <pmlcore:Tag>  
      <pmluid:ID>urn:epc:1:2.24.400</pmluid:ID>  
    </pmlcore:Tag>  
    <pmlcore:Tag>  
      <pmluid:ID>urn:epc:1:2.24.401</pmluid:ID>  
    </pmlcore:Tag>  
  </pmlcore:Observation>  
</pmlcore:Sensor>
```

EPC Code vs. UPC Code

THE UNIVERSAL PRODUCT CODE



ELECTRONIC PRODUCT CODE

01.0000A89.00016F.000169D C0

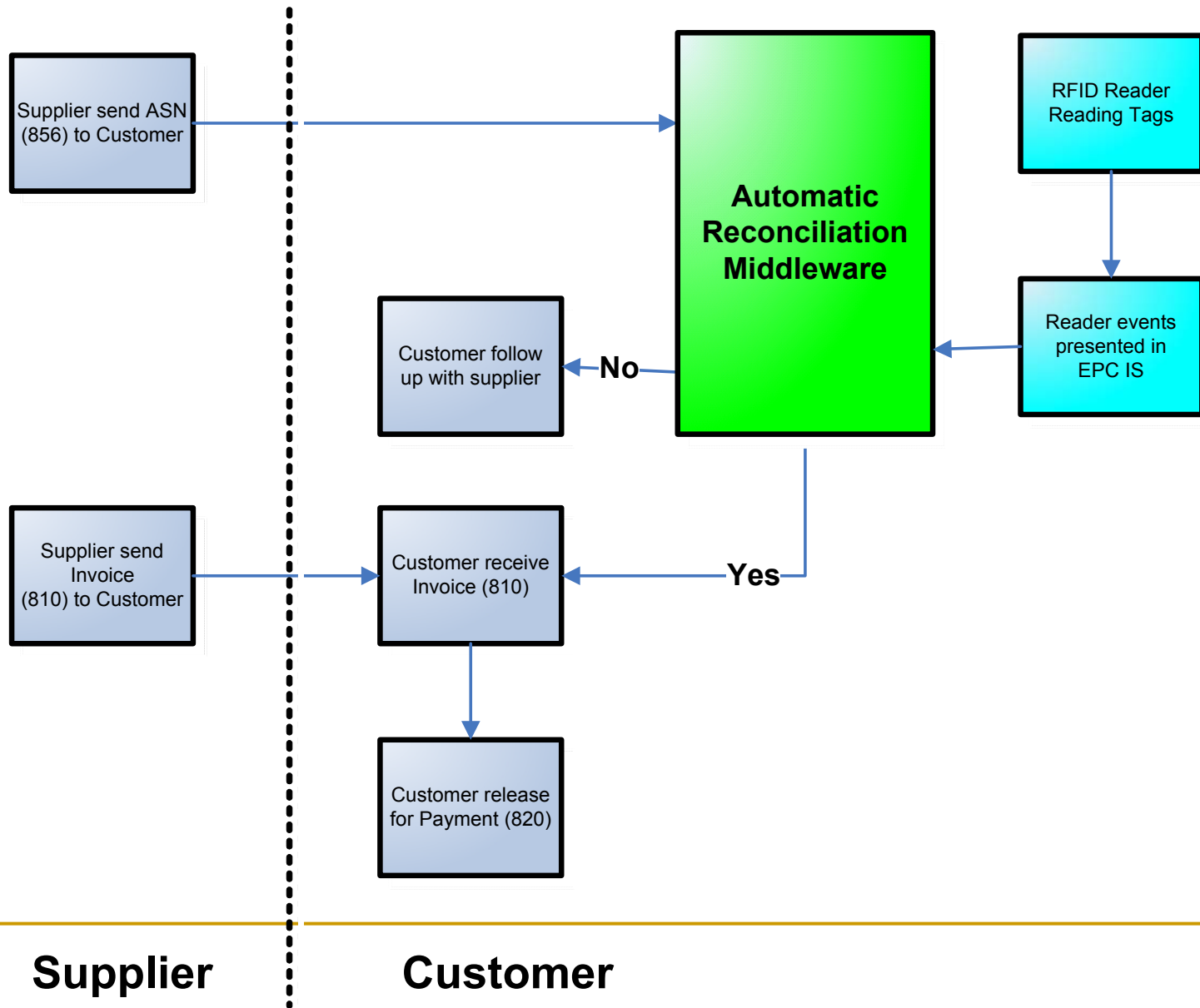
Header 0-7 bits EPC Manager 8-35 bits Object Class 36-59 bits Serial Number 60-95 bits

U.P.C. CODE

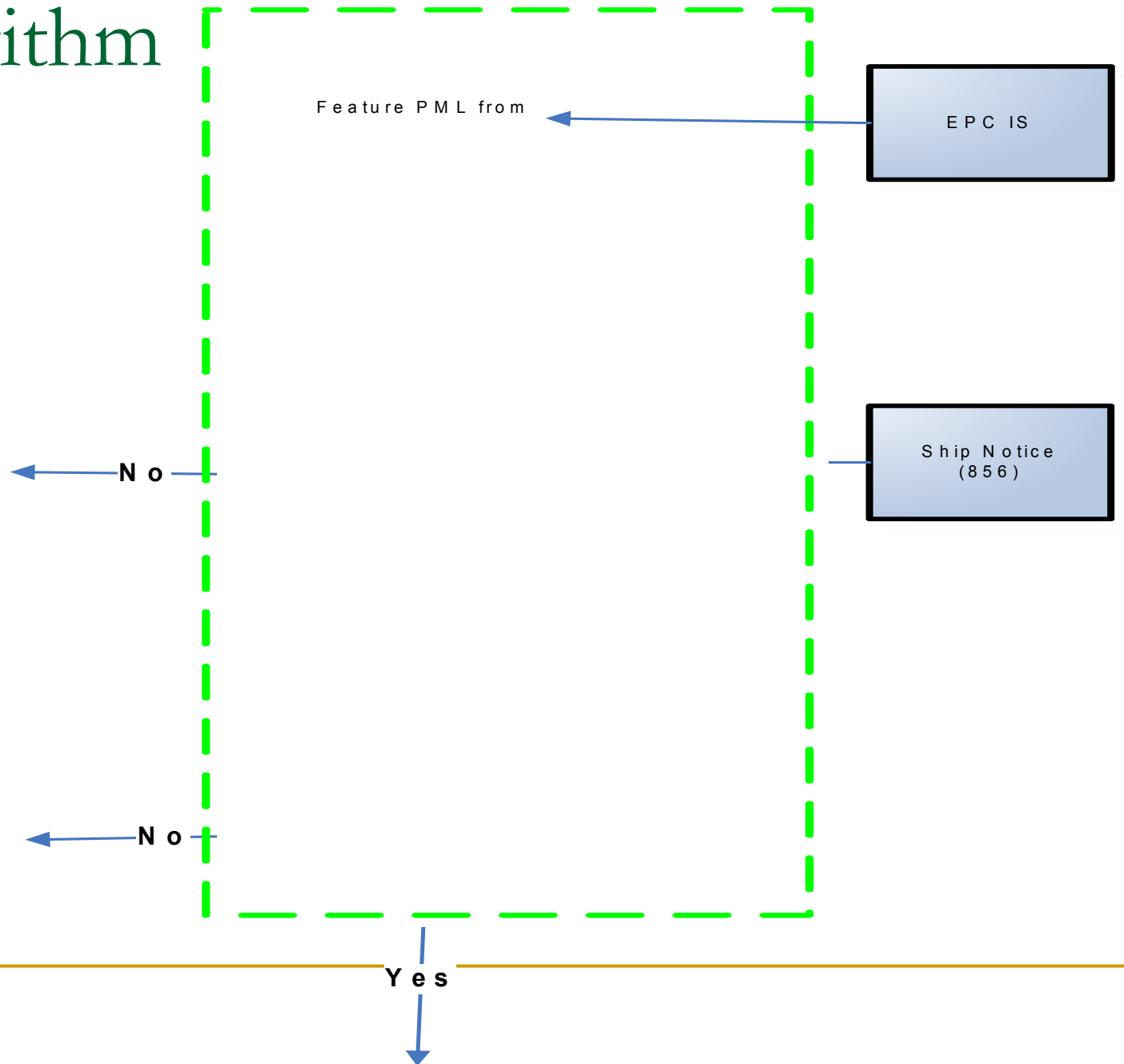


01.0000932.001FDC.000000000

Automatic Process



Algorithm



Q & A

