

# **Automating Payables with Robotics and Rules Engines**

**April 2017**

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# Payables Processing Lifecycle



## Invoice Receipt

- Various invoice receipt types
  - Manual invoice
  - Machine readable .pdf
  - IS-XML
  - E-invoice
  - Supplier Portal



## Invoice Validation

- Various invoice validation types
  - PO based
  - Contract based



## Invoice Approval

- Finance Approval
- Operational / station approval



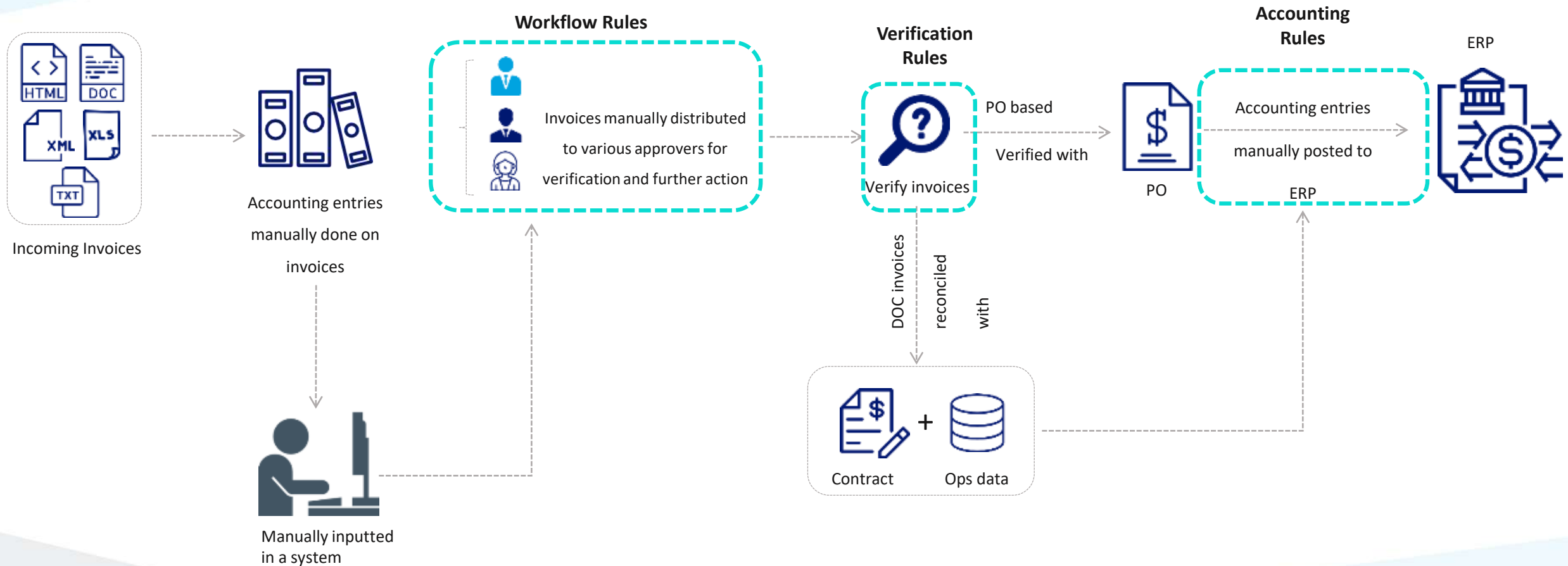
## Accounting

- Different scenarios
  - Short Pay and ask for Credit Note
  - Pay Full and ask for Credit Note
  - Pay Full and raise Debit Note
  - Reject the invoice Partly /Fully
  - Supplier payment through bank

# Challenges in Payables Processing

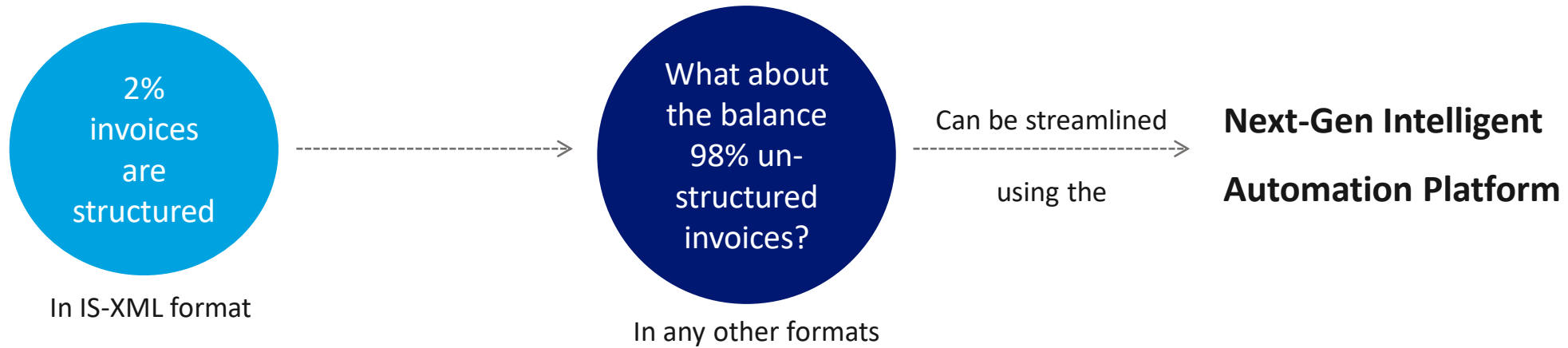


# Invoicing process



If invoice receipt is standardized,

# Invoicing process



# Robotics Platform



Integrated  
automation stack  
and machine  
learning



Multi-format  
intelligent data  
ingestion



Machine learning  
[ Cognitive  
Learning ]



Can recognize  
multiple data  
types, optimize  
and automate  
processes

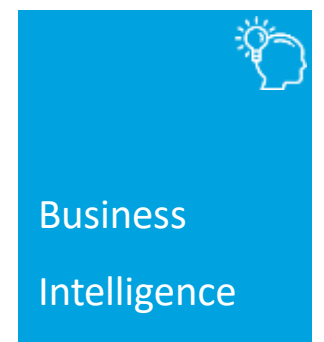
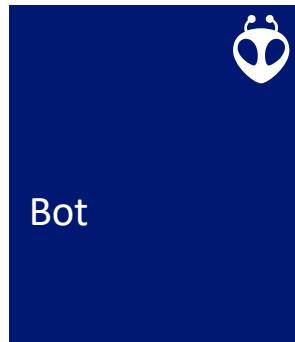
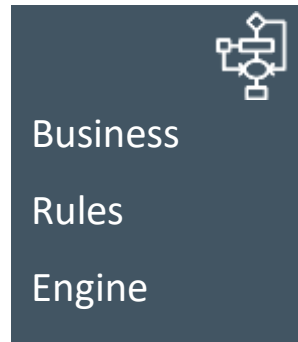
# Machine Learning

“Integrated technical and operational capabilities in a BOT which can be configured and trained for any process”

Machine Learning

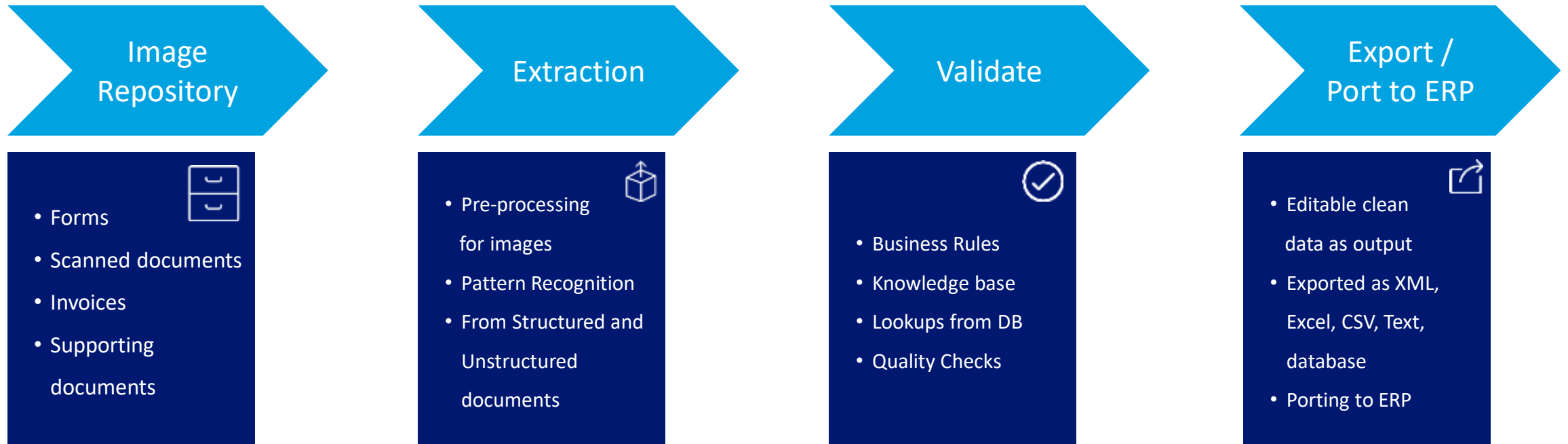
Cognitive Learning (Supervised)

Deep Learning (Adaptive)

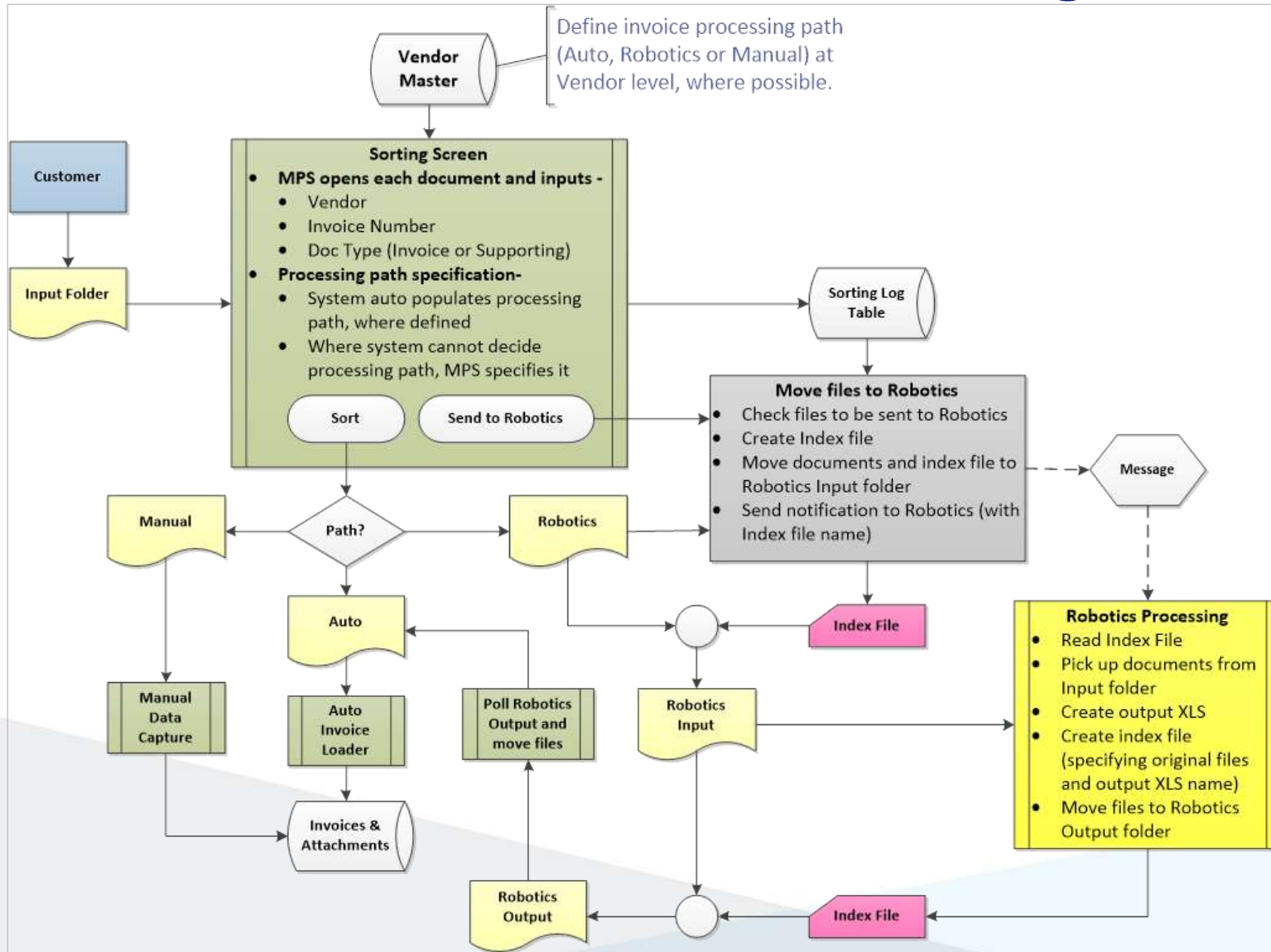




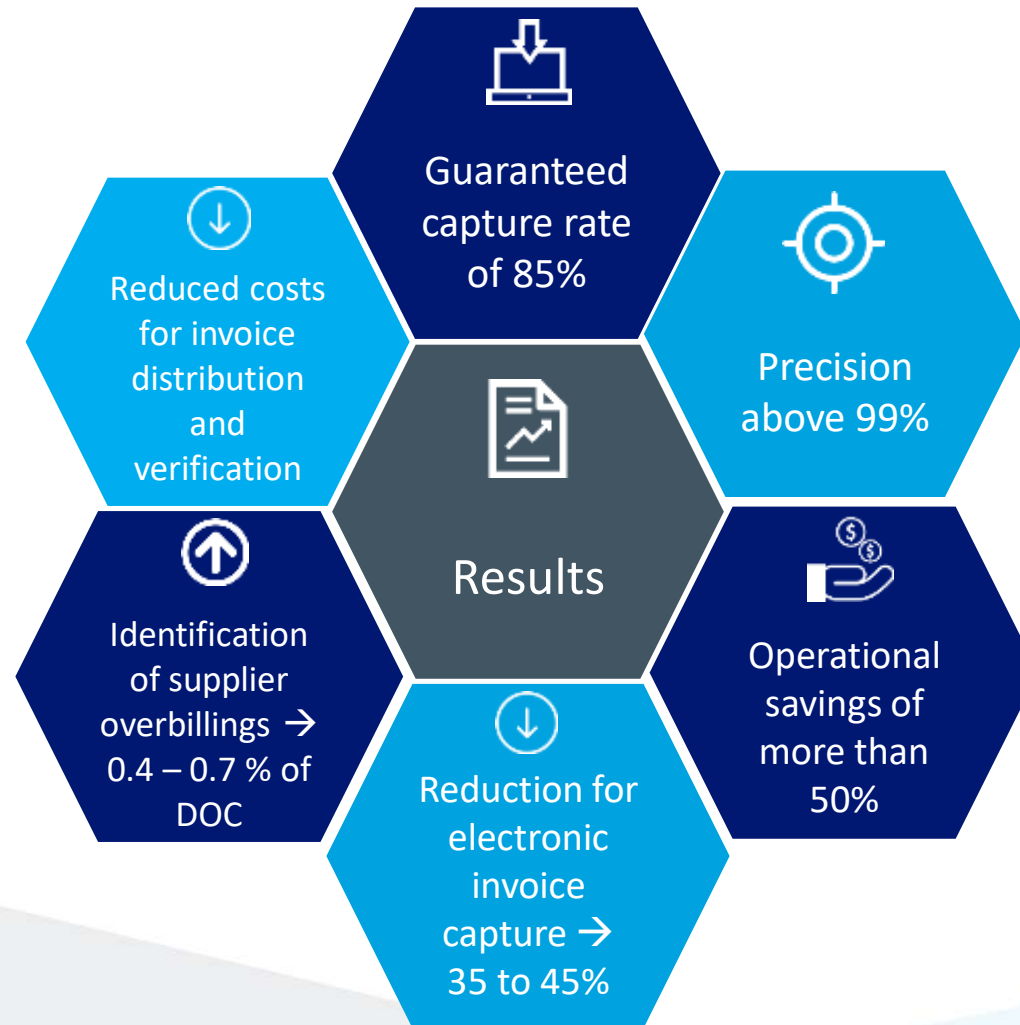
# Working overview



# Process for Robotics based Invoice Loading



# Results of platform implementation



Thank you for your time