



Accounts Payable/Receivable Automation

GIBots is a symphonic Hyper-Automation SaaS- based platform, pioneers in Intelligent Business Process Automation & Document Digitization powered by AI/ ML/ NLP/ NLG technologies.



Read

Access & Read documents from multiple sources



Group

Identify, sort & group different document types



Extract

AI/ML modelled OCRi for image & text processing



Validate

Rule based verification & exception handling



Distribute

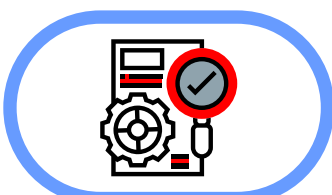
Inject data into ERP or financial systems

Invoice Processing

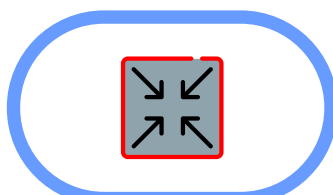
- ◆ Multi-channel input PDF, XML, JPEG, TIFF, PNG
- ◆ Document Splitter functionality
- ◆ Both Header & Line-Item Data Capture
- ◆ Automated Validation and verification
- ◆ Un-Attended Straight-Through Processing (STP) Cycle
- ◆ Transform extracted info into editable & searchable files
- ◆ 2W & 3W Data Reconciliation models
- ◆ Archival & retrieval of Invoices
- ◆ Export data in CSV, JSON, XLSX, XML file format
- ◆ Customizable as per client requirement

System Features

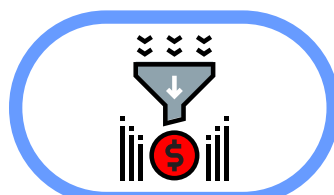
- ◆ Auto-learning ML models
- ◆ Multi-language support
- ◆ Exception Queue Handling
- ◆ Workflow/Task Management
- ◆ Process Completion Email/SMS Notification
- ◆ Real-time Reports & Dashboards
- ◆ Seamless integration with ERP & Accounting systems



Best-in-class accuracy



Auto Scaling



65% ROI within months



SaaS based model



3rd Gen Intel® Xeon® Scalable processors are designed to handle industry’s broad range of workloads, from the cloud to the network to the edge. They offer a balanced architecture with built-in workload acceleration features include Intel Deep Learning Boost, Intel Advanced Vector Extensions 512 and advanced security capabilities . 3rd Gen Intel Xeon Scalable processors drive enhanced performance, throughput, and CPU frequencies compared to previous-gen processors.

XGBoost Optimized for Intel Architecture

In collaboration with the XGBoost community, Intel has been directly upstreaming many optimizations to provide superior performance on Intel CPUs. This well-known, machine-learning package for gradient-boosted decision trees now includes seamless, drop-in acceleration for Intel architectures to significantly speed up model training and improve accuracy for better predictions.

Latest Intel hardware and software optimizations together helped in enabling our data scientists to easily iterate and analyze data at scale.

Solution Components (minimum configuration for GiBots Invoice Automation)

Server Processor	3rd Generation Intel® Xeon® Scalable processor Intel(R) Xeon(R) Platinum 8380 CPU @ 2.30GHz
Storage	205 GB [/dev/sda1]
Memory	15 GB RAM
Ubuntu Operating System	Ubuntu 16.04.6 LTS [xenial]
Software	Intel@oneAPI AI Analytics Toolkit (Intel XGBoost 1.4.2)