

Invoice Process Automation

The Problems we solve

Ineffective manual invoice, payment and bank reconciliation processes

Cumbersome feature / function system usage and practices

Lack of real-time visibility of invoices and impact on Creditors Liability/Cash

Manual and time-consuming invoice vetting and corrective actions

Complex and lengthy delays in the approval processes

Our AI Automation and Machine Learning capabilities combined with Diriger Business Rules and Work Flow Engines, *Persona-based* usage, data management, imbedded analytics, and graphical visualisation capabilities; provides a User Experience that when coupled with a *Google-like* search capability; allows all relevant Invoice information and supporting documents to be sourced, classified and approved at one time at your desk-top or mobile device.

What we do

Firstly, we optimise Customer Business Processes through automation, business *rules engines*, and new capabilities

Then we extend Customer ROI by using Agile Development, Agile Deployment, Agile Adoption, and *Persona-based* data driven decision making

Our Business Process Improvement (BPI) focus

- Supply Chain Processes
- Asset Management Processes
- People Management Processes
- Financial Management Processes
- Persona-based User Interfaces
- Work Force Mobility
- *Google-like* Searches
- Data Driven Decision Making
- Machine Learning Capabilities
- Predictive Statistics
- Data Validation and Visualisation
- Process Optimisation through enhanced digitisation and artificial intelligence

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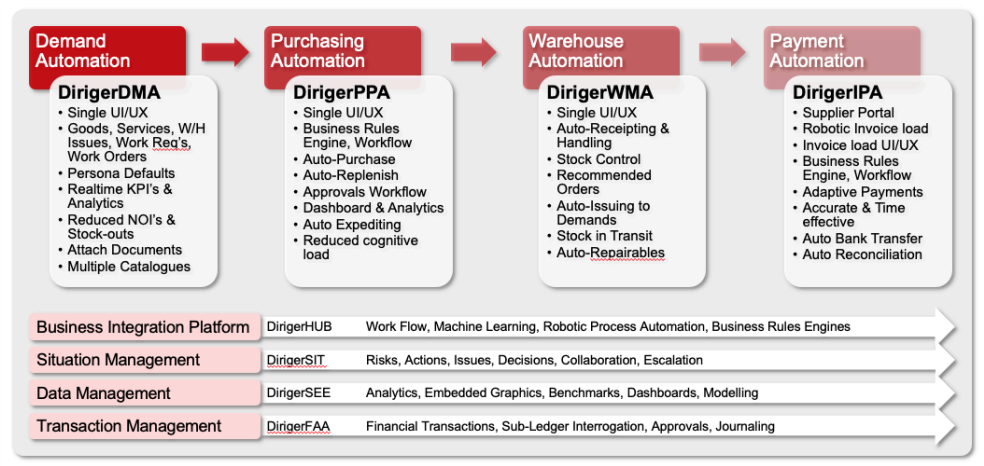
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DirigerIPA (Payment Automation) is part of the Diriger's automated suite of Supply Chain solutions and operate stand-alone or fully integrated to ERP's.

Diriger Payment Automation and its Benefits

Our DirigerIPA Solution has been designed to automate the business processes that relate to goods and services invoices within an organisation. DirigerIPA uses a configurable Business Rules Engine and *Smart* Persona-based screens to accelerate and make available through artificial intelligence; capability that is an 'Order of Magnitude' superior to ERP system processing.

The benefits and expected ROI of DirigerIPA are

- Order-of-Magnitude reduction in invoice processing time
- Significantly improves Service Levels and Authorisation efficiencies
- Doesn't require Supplier Invoice templates for AI invoice loading
- Coupled with other Diriger products provides even greater supply chain impact
- Machine Learning capability attached to Non-Order Invoice process automation
- Constant visualisation of all invoice transaction states & recommended actions
- Manages and classifies a multitude of documents that support invoice processes
- Locates and notifies of settlement discounts and other commercial opportunities
- Full Out-of-the-Box integration to ERP's and other internal / external systems
- Dashboard of Realtime dynamic business KPI's
- Effectively improves Supplier relationships

Process Overview and Capability

DirigerIPA provides

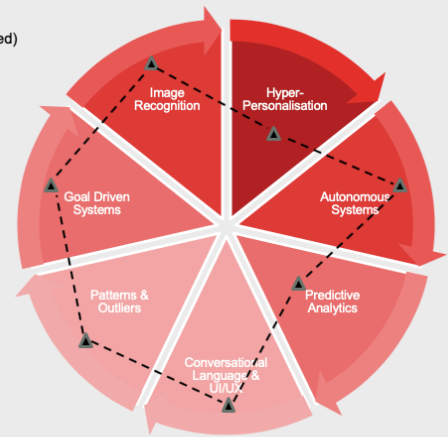
- A target of greater than 95% invoice process automation
- No data entry; documents read and loaded from Supplier email on receipt
- Business Rules and Workflow engines to govern interventions and approvals
- Dashboards to monitor Exceptions, Non Order Invoices, Mismatches, Controls
- Capability to read and load invoice data without template configurations
- Classifies and manages all related invoice processing documents
- Governed manual intervention and controls of exceptions
- Imbedded analytics and visualisation tools

Technology and Innovation with

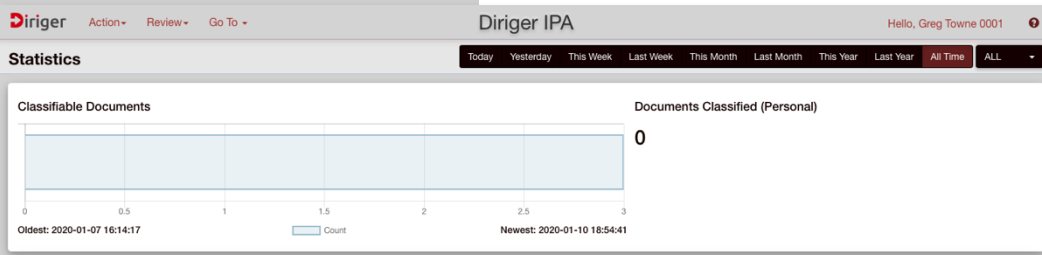
- Problem solving capability
- Reliable outcomes
- Customer collaboration
- Effective and Ethical approaches

Broad use of AI / Machine Learning Capabilities

- **Image Recognition**
 - Audio-visual & any other document inputs (Templates or Scripts not required)
- **Conversational Language**
 - Understanding Human Intent through Design Thinking
 - UI/UX & Interpretative Natural Language Interface (e.g. Google-like)
- **Goal Driven Systems**
 - Business Rules & Reinforcement Learning
 - Workflow Engines & Process Optimisation
 - Interactive problem solving through Validation & Intervention
- **Predictive Analytics**
 - Statistical Inference Engines from data history (Max confidence intervals)
 - Decision Support (Best Fit) & Process-based Judgment Heuristics
- **Patterns & Outliers**
 - Cognitive pattern learning or potential outliers; Data validation
 - Risk detection & minimization of mistakes
 - Predictive text & alignment to expected data
- **Autonomous Systems**
 - Reducing the need for manual labour & repetition (prescribed practice)
- **Hyper-Personalisation**
 - Treats people as individuals; User History & Trending



▲ DirigerIPA – Invoice Process Automation Example



Example Dashboard & Process Controls



Diriger Borrowed from Latin *dirigō*, *dirigere* ('to direct')