



# Newgen's AI-powered Invoice Management Solution

for Smarter Accounts Payable Management



# Overview

Finance leaders know the struggle all too well—manual, paper-based invoice management has its own set of limitations. The never-ending cycle of data entry, physical document handling, and slow approval cycle are time-consuming and drain the resources, often leaving finance teams overwhelmed.

According to [Ardent Partners' State of ePayables report](#), the average cost to process a single invoice is \$13.11. While smaller businesses often face a higher cost, [Adobe](#) estimates the expense to be between \$15 and \$40 per invoice. This means that organizations that rely on manual invoice processing are paying significantly more for the same task.

Today, transitioning to an automated invoice process is the need of the hour. [Newgen's artificial intelligence-powered Invoice Management Solution](#) simplifies end-to-end invoice processing and enables finance teams to make strategic, data-driven decisions.



Recognized in the  
Gartner® Market Guide for  
**Accounts Payable  
Invoice Automation  
2023 Report**

Recognized in the  
Forrester® Landscape for  
**Accounts Payable  
Invoice Automation  
2023 Report**

# Decoding the Roadblocks

According to the [Institute of Finance & Management \(IOFM\)](#), manual processing can cost as much as \$16 per invoice, while automation can bring that cost down to as little as \$3 per invoice.



**Manual, error-prone invoice processing**, resulting in financial discrepancies



**Delayed approvals**, causing payment bottlenecks and vendor dissatisfaction



**Lack of real-time visibility** of invoice statuses and financial data



**Complex tax structures and compliance issues**, increasing regulatory risks



**High processing** costs due to excessive manual intervention



**Data siloes and integration gaps** between financial systems and Enterprise Resource Planning (ERP platforms)



**Fraudulent and duplicate invoices** slipping through the cracks after traditional checks



**Difficulty in managing multi-channel invoice submissions**, slowing down processing



**Inconsistent payment incentives and discount management**



**Limited automation and lack of predictive insights**, leading to inconsistent financial decisions

## Newgen's AI-powered Invoice Management Solution

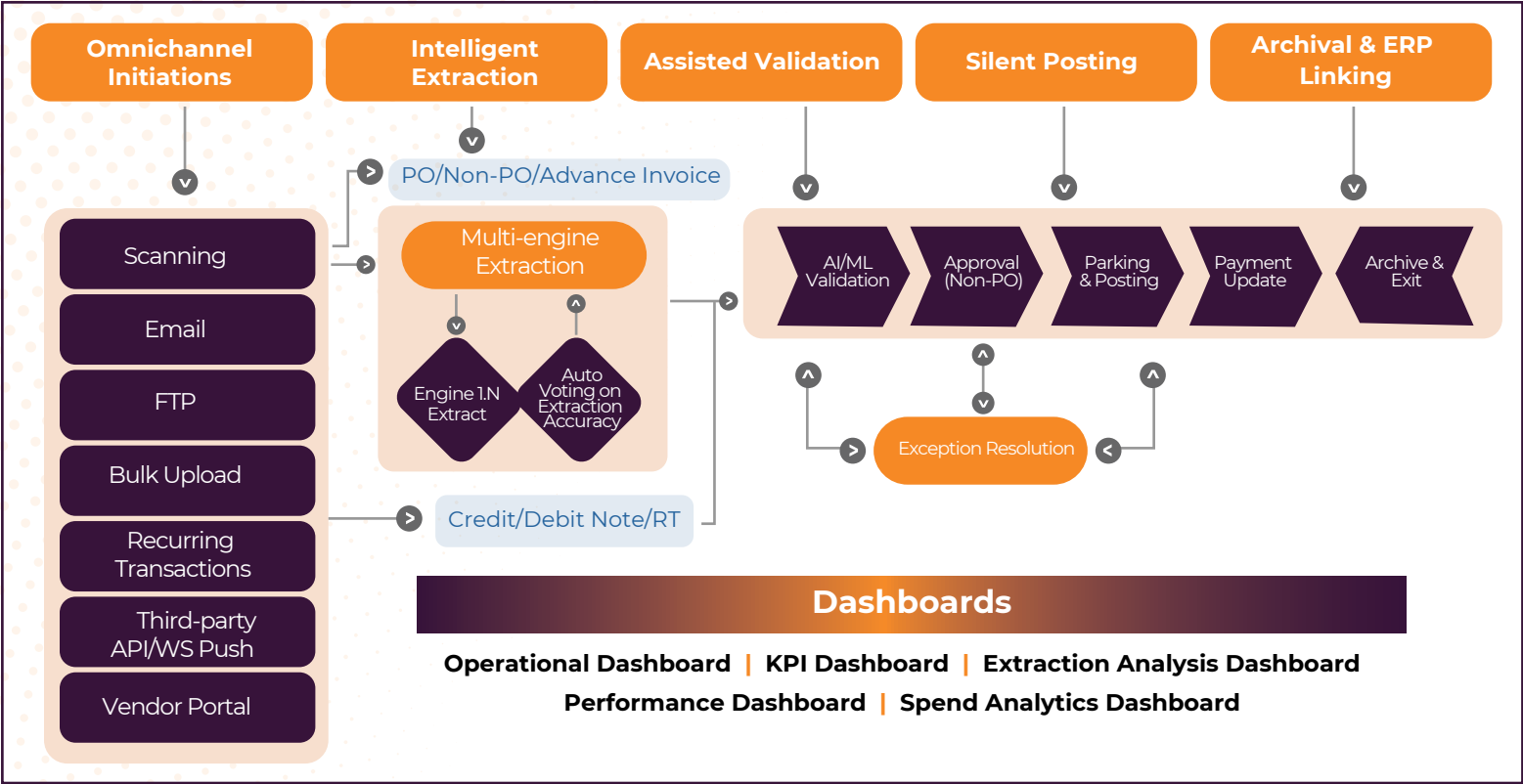
**Newgen's Invoice Management Solution**, built on the low-code [NewgenONE platform](#), simplifies invoice processing by automating key financial operations. The AI-powered solution empowers finance teams to enhance cash and working capital management, streamline invoice lifecycle, and improve supplier relationship with faster, more efficient workflows.

The solution further optimizes the complete process, including omnichannel invoice capture, extraction, validation, payment processing, ERP integration, and the secure

archival of critical invoice documents. By leveraging the capabilities of large language models (LLMs) and machine learning (ML) in workflows, finance teams gain access to valuable insights, navigate intricate tax structures, optimize payment incentives, improve cross-department collaboration, and make smarter business decisions.

Furthermore, with Newgen TrustAI integration, the solution provides **auditable, explainable, and bias-free ML-driven decisions**, fostering transparency and trust in automation.

# Invoice Management Framework



## Key Features:

- ▶ **AI-driven invoice capture & validation** across multiple channels, ensuring accuracy and compliance
- ▶ **Automated workflows & approvals**, reducing delays and boosting efficiency
- ▶ **Centralized repository** for managing all invoice-related documents for quick access
- ▶ **AI-powered fraud detection** and duplicate invoice elimination
- ▶ **Real-time dashboards & analytics**, providing actionable insights
- ▶ **Supplier performance tracking & gamification**, fostering strong vendor relationships
- ▶ **Seamless ERP and financial system integration**, minimizing data siloes
- ▶ **Touchless invoice processing**, reducing manual intervention
- ▶ **Built-in compliance & audit controls**, ensuring financial transparency and security



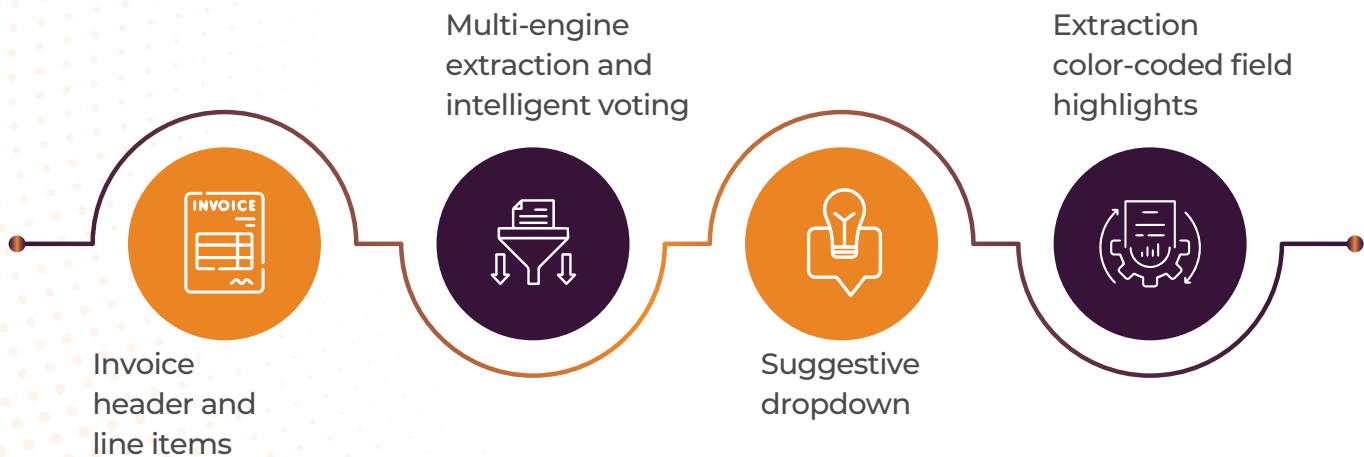


# Core Capabilities of NewgenONE AI-enabled Invoice Management

## Multi-channel Invoice Capture



## OCR Extraction



## Automated Data Processing and Validation



AI-enhanced OCR capture for structured and unstructured invoices



AI-driven fuzzy PO matching & deduplication for fraud prevention



3-way matching (invoice, PO, and Goods Receipt Note validation)



Seamless PO and GRN data retrieval for accurate validation



PO search functionality for quick access and retrieval



Invoice rejection handling for non-compliant entries



Vendor straight-through processing visibility with insights into the last five transactions



Intelligent multi-engine voting for high-accuracy data extraction



Assistive account coding for non-PO invoices



Multi-type invoice support for diverse formats



Dynamic form adjustments based on invoice type and data needs



Field-level validations to ensure accuracy and compliance



Real-time alerts and notifications to track invoice status

## Approval Workflow and Seamless Integration



Dynamic approval workflows, customizable based on hierarchy and rules



Automated & manual retention processing for better compliance



Sequential and parallel approvals for faster processing



Convenient email/mobile app-based approvals for on-the-go access



ERP Integration (SAP, Oracle, etc.) for real-time data exchange



Multi-PO invoice handling & automated routing for efficiency

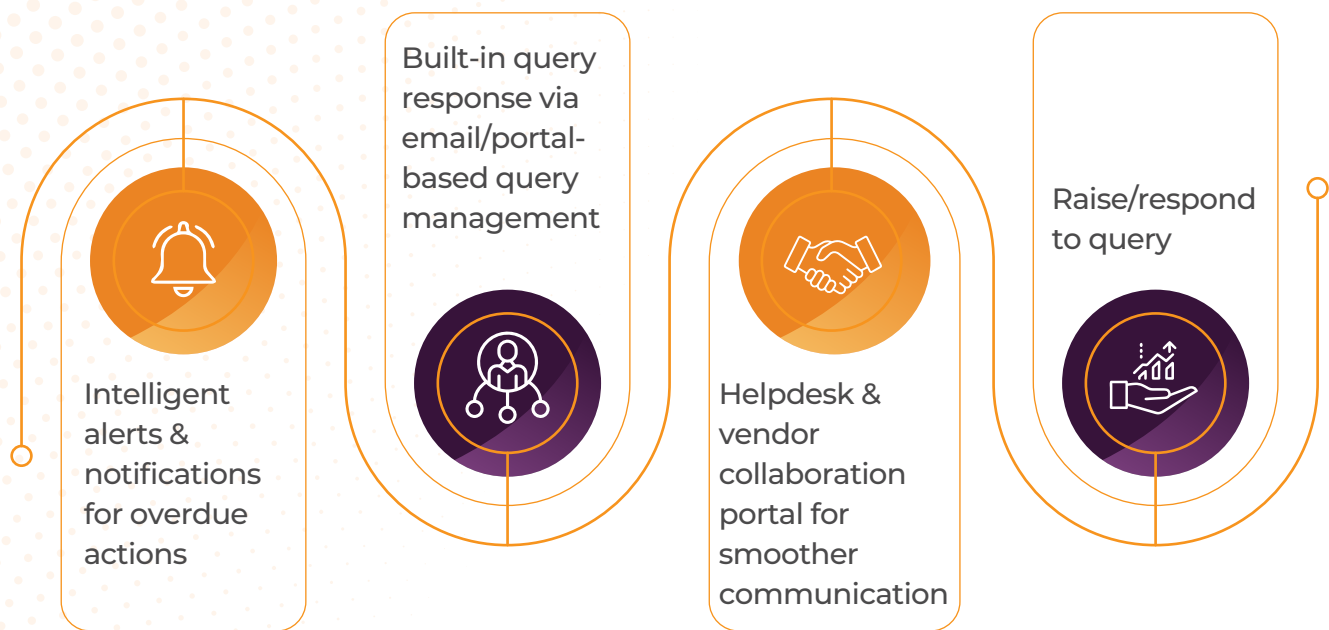


Delegation of authority based (DOA) for structured decision-making

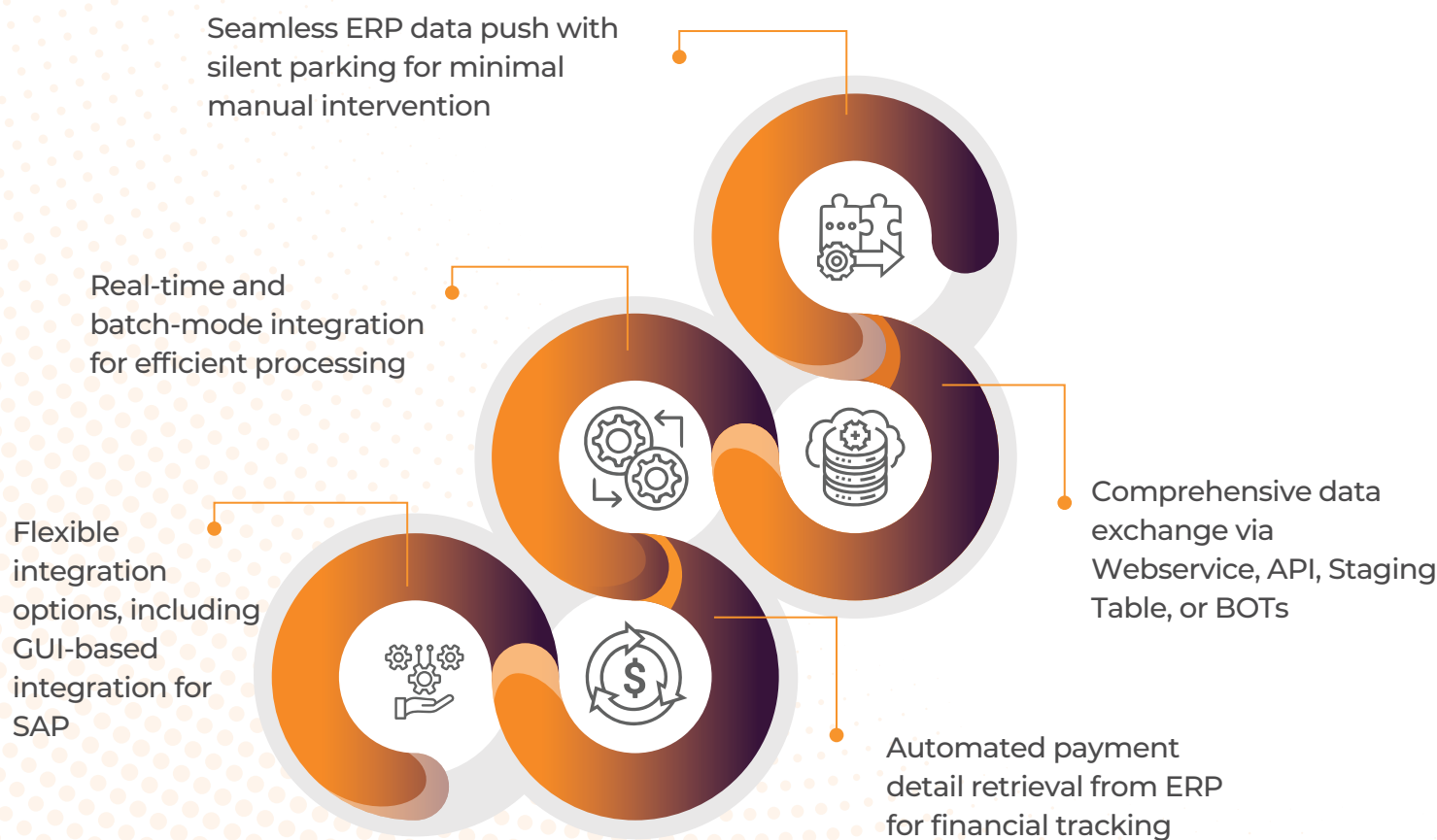


Reminder/delay notifications support

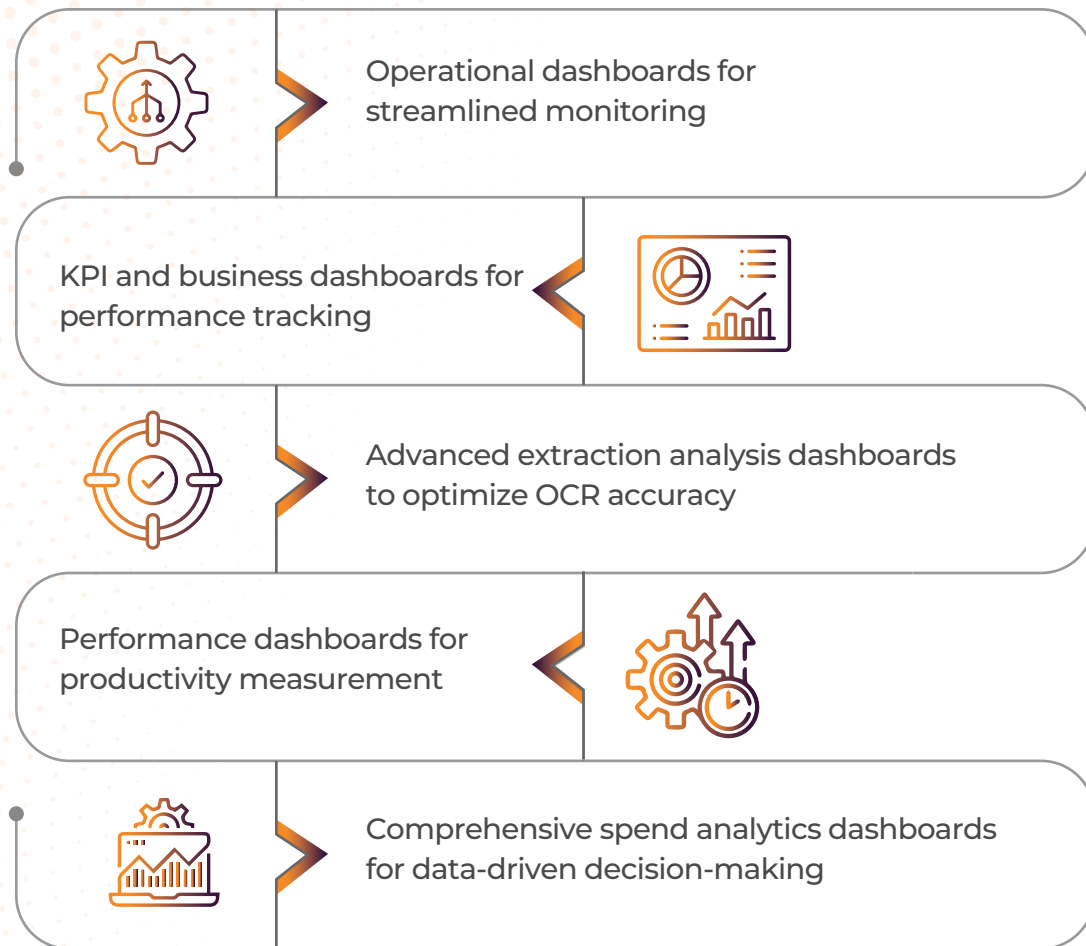
## Exception Handling and Real-time Visibility



## Parking/Posting/Payment Update



## Analytics and Reporting



### Extended Features

- eInvoice support for global transactions via Edicom
- Automated payment scheduling & forecasting
- AI-powered chatbot support for instant invoice assistance
- Rule-based gamification for suppliers & AP users



### Unique Scenarios Handled for Customers

- Multiple invoicing party
- Automatic and manual retention
- Normal loss tolerance
- Insurance for PO
- Customs invoice
- Last delivery indicator
- Manpower indicator
- Multi-PO invoice



# Power Your Processes with AI Capabilities

**Categorize:** Identify document category based on content and efficiently route it

**Auto-fill:** Retrieve values from content and auto-fill metadata values

**Summarize:** Generate concise summaries for quick reference

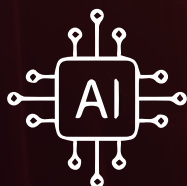
**Ask:** Ask targeted questions to find precise answers from within the document

## Newgen's Automation and Productivity Agent: NewgenONE Marvin

- ▶ **Pre-loaded Queries:** Configure queries or generate new ones to detect possible exceptions across invoices
- ▶ **Get Header Info:** Populate mandatory and additional information for a deeper understanding of the invoice
- ▶ **Get Line-item Info:** Gain additional information from line items of invoice to understand the nature of procurement beyond traditional posting fields
- ▶ **Perform Validation:** Execute generic sanity checks on invoices based on industry standards. Weed out unnoticed non-transactional discrepancies
- ▶ **Instantly Extract and Summarize Critical Invoice Data:** Extract key insights, from due dates to total amounts, in just a click
- ▶ **Go Beyond the Basics:** Go deep into PO details, line items, and tax data, giving you complete control over invoice intelligence

## Agentic AI Shield

A unified data security, privacy, and compliance framework that enables:



**Ethical AI development** with fairness and transparency at the center



**Specific regulatory compliance** across geographies and industries



**Reliability enhancements** through continuous monitoring and measurements



**Responsible AI practices**, ensuring trust and accountability



**Robust data security** and user privacy for protecting sensitive information

## Trusted AI

### Decisions

- Fully auditable, **interpretable**, and **transparent** AI system
- **Tracked and documented AI workflows** to allow stakeholders to understand each stage of model development

### Models

- **Complete control** over model IP. No data or model learning goes outside
- **No external data usage** or model training on public datasets
- Each parameter is **configurable**, eliminating “black box” concerns
- **Regularly updated AI models** for accuracy, fairness, and transparency

### Data Layer

- No external or public data. Complete reliance on internal **data from trusted sources**
- Sensitive details (e.g., PII) **purged** from data
- Duly **audited and approved data** prior to model training

### Deployment

- On-premises deployment or via **privately managed instances**
- Role-based access control for **secure, authorized data handling**
- Data stays within the premises, ensuring stringent security and compliance rules

## AI/ML Use Cases

- AI-enhanced OCR capture
- AI-based multi-engine voting
- Fuzzy purchase order matching
- Anomaly detection for proactive fraud prevention
- Predictive auto approval
- Budget forecasting
- Automated account coding for non-PO invoices
- Future expense forecasting



# Business Benefits of Newgen's Invoice Management Solution



## Vendor Relationship and Payment Optimization

- Strengthened supplier partnership with timely, accurate payments
- Enhanced oversight of supplier performance and optimized dynamic discounting



## Enhanced Operational and Cost Efficiency

- Accelerated invoice processing with AI automation and touchless workflows
- Reduced processing cost by eliminating manual efforts
- Expedited approval cycles with customizable workflows and offline approvals
- Compliance adherence with industry regulations via built-in validation checks



## Data-driven Decision-making and Accuracy

- Real-time visibility into invoice processing and approval statuses
- Minimized fraud and errors with AI-powered anomaly detection
- Improved financial forecasting with predictive analytics



## Scalability and Future-ready Automation

- Seamless ERP integrations and mobile accessibility for on-the-go approvals
- Effortless scalability to match business growth without added complexity



# Why Choose Newgen?



**Recognized by Gartner and Forrester** for excellence in AP automation



**Trusted AI and ML capabilities**, ensuring compliance and transparency



**End-to-end automation** for invoice lifecycle management



**Secure, scalable, and adaptable** to your business needs



## About Newgen

Newgen is a leading provider of an AI-enabled unified digital transformation platform with native process automation, content services, and communication management capabilities. Globally, successful enterprises rely on Newgen's industry-recognized, low-code application platform to develop and deploy complex, content-driven, and customer-engaging business applications on the cloud. From onboarding and service requests to lending and underwriting, and various other use cases across industries, Newgen unlocks simple with speed and agility.

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