ignio

AI.Workload Management

Product Overview

SaaS  Open Developer Studio  10X Scalability  Enhanced ML and AI  Intuitive Dashboard  Multi-lingual Support
Workload automation is the backbone of many enterprise businesses as it is a necessary component to their daily success. The sheer size and complexity of workloads, required for day-to-day operations – incorporating individual batch jobs often numbering in the hundreds of thousands - catch many operations teams by surprise.

Timely processing of batch jobs is vital to ensure stable business operations and high-quality customer experience. ignio™ AI.Workload Management brings a paradigm shift in today’s workload operations incorporating AI and intelligent automation to transform from reactive to proactive operations.

Businesses face two key challenges in managing batch systems:

- **Scale, diversity, and complexity:** Increasing number of batch jobs, orchestrated by different schedulers across an intricate IT ecosystem, with complex interdependencies that govern outcomes across different business functions.
- **Changing environment:** Workload process graphs need to adapt to weekly/periodic changes, business and IT transformation projects, addition of new use cases as well as changes due to the dynamic nature of business.

These challenges collectively lead to the following chain of implications:

- **Lack of end-to-end visibility** of batch processes cutting across business functions and schedulers
- **Significant time and effort** to detect and resolve failures
- **Inability to predict** delays and outages
- **Reliance on people and tacit knowledge** to plan changes
- **Inherently reactive operations** - surprises & firefighting

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**ignio™ AI.Workload Management**

ignio AI.Workload Management provides a closed-loop solution for proactive and autonomous workload management. It combines the power of machine learning, AI, and automation to deliver predictable, agile, and silent batch operations, ensuring SLA compliance, reducing manual operations and system outages, and helping organizations plan for the growth and change.
Key Use Cases

**IT Command Centre**
- Improved efficiency and resilience
  - Eliminate alert fatigue
  - Auto-resolve failures
  - Automate batch admin tasks

**App-Ops Teams**
- Assured on-time completion
  - Automate batch monitoring and anomaly detection
  - Predict a batch in real-time
  - Provide look-ahead for SLAs

**Business Teams and Architects**
- Improved stability and agility
  - Simulate impact of growth and change
  - Recommend continuous improvements
  - Plan for peak demands

Leverage AI to improve Workload Management

**LEARN CONTEXT WITH 360° Blueprint**
- Schedules & dependencies
- Preferences & constraints
- Business context
- Expert feedback
- Business workload
- Events and incidents
- Historical runs
- SLAs

**GET VISIBILITY WITH 360° Analytics**
- Change and outlier detection
- Anomaly detection
- Clustering and classification
- Causality analysis
- Trend and pattern mining
- Regression and forecasting
- Multi-objective optimization
- Reinforcement learning

**GET VISIBILITY WITH 360° Analytics**
- Anomalies and their impact
- Potential SLA violations
- Critical paths and root-causes
- Recommended corrective actions
- Batch predictions
- Proactive notifications
**Key Benefits**

Makes your workload operations predictable, agile, and silent

**Predictable**

By providing ahead-of-time visibility into workload operations and their potential business impact

**Agile**

By reducing time to plan for change and time to resolve issues

**Silent**

By reducing alert noise and resolving large volume of operational issues without any manual touch

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ignio AI Workload Management is available as a scalable, cloud-hosted software-as-a-service (SaaS) with a subscription-based payment model. Get your SaaS instance up and running in just 1-2 days. Enjoy low up-front costs, no worries about applying patches and installing latest upgrades. Digitate provides 99.9% service availability, encrypted data stores and anytime, anywhere accessibility.

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**Testimonials**

“The capabilities demonstrated by ignio™ and its quick turnaround in identifying a problem is unprecedented. We were impressed by its nimbleness in seamlessly integrating with existing enterprise batch as well as workload automation systems.”

– Dan Twing, President and COO at Enterprise Management Associates and lead WLA analyst

“Digitate has developed a solution that can in real time provide actionable information based on the wealth of data organizations already have within their systems...delivering proactive business intelligence on mission-critical workloads.”

– Ovum On the Radar

“ignio™ binds together disparate yet interconnected business applications and their underlying infrastructures to perform actions autonomously and drive smart decision making.”

- Dave Schubmehl, Research Director for IDC’s Cognitive / Artificial Intelligent Systems and Content Analytics

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Digitate is a leading software provider bringing agility, assurance, and resiliency to IT and business operations. ignio™, an award-winning AIOps software, reimagines enterprise IT and business landscape with its unique and innovative closed-loop approach that combines context, insights and intelligent automation to autonomously resolve and prevent issues. ignio’s customers span across industry verticals and include large, global enterprises that are leaders and innovators in their respective industries. Digitate is headquartered in Santa Clara, California, USA and Pune, India.

For more information, reach out to us at contact@digitate.com or visit [www.digitate.com](http://www.digitate.com).