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# ignio™ AI.WorkloadManagement

(Cheetah release)

Jan 2019

:digitate

# ignio

## AI.WorkloadManagement (Cheetah release)

Batch jobs and automated workloads are the backbone of many enterprise businesses. The sheer size and complexity of workloads required for day-to-day operations — often numbering in the hundreds of thousands — catch many operations teams by surprise. For many businesses, it is a necessary component to their daily success.

### Businesses face two key challenges in managing batch systems:



#### Scale, diversity, and complexity:

Thousands of jobs, defined by complex precedence relationships across different business functions and schedulers.



#### Changing environment:

Different functions are performed on different days. As a result, the process graph keeps changing every day.

These challenges collectively lead to the following chain of implications:

Lack of end-to-end visibility

Difficult to predict outages

Difficult to assess the impact of change

Surprises and firefighting:  
Reactive operations

People dependence

Timely processing of workload batches is vital to ensure stable business operations and high-quality customer experience. ignio™ AI.WorkloadManagement brings a paradigm shift in today's workload operations from 'reactive to proactive' and 'manual to automated'.

### Why ignio™ AI.WorkloadManagement?

ignio AI.WorkloadManagement 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. It combines machine learning, AI, and automation to deliver predictable, agile, and autonomous batch operations.

# Key Product Features

## Learns context

- Constructs an end-to-end view of workload systems, connecting business processes to jobs to infrastructure
- Self-learns normal behavior of jobs by capturing historical trends and patterns, and correlations between failures and anomalies

## Highlights areas that need attention

- Identifies business deliverables that need a close watch
- Identifies jobs that need attention
- Identifies noise suppression opportunities

## Predicts future batch in real-time

- Predicts a future batch based on schedules and history
- Adapts predictions based on real-time feeds
- Assesses the impact of failure/delay on business deliverables
- Notifies impending SLA violations and their causes

## Generates just the right alerts at the right time

- Suppresses redundant or false alerts
- Aggregates correlated alerts
- Prioritizes alerts based on impacted business deliverables

## Resolves issues intelligently and autonomously

- Determines the root-cause of issues by conducting health diagnosis of jobs and infrastructure
- Identifies and prescribes the best fixes while honoring context-specific business policies and constraints
- Applies fixes autonomously

## 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 a change and time to resolve issues



### Silent

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

## 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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ignio™ is an open, extensible platform that is specifically designed to optimize your time while helping you make smart business decisions. The system is dynamic and it assimilates additional capabilities as your IT ecosystem continues to grow.

For more information, reach us at [contact@digitate.com](mailto:contact@digitate.com) for a demo or visit [www.digitate.com](http://www.digitate.com).