



INDUSTRY CONTEXT



BATCH SYSTEMS

Preparing the business to run

Investment Banking

- Responsible for calculating Net Asset Value (NAV) calculation to complete settlement process, register process, etc. and transfer data to various systems for next day's business

Insurance

- Perform operation such as adding policy, calculating premiums, calculating commissions for underwriters to calculate next day's business

Retail

- Performs inventory processing, billing books processing etc.. Responsible to ensure smooth operations on the next day business

CUSTOMER CHALLENGES

Scale, Diversity and Complexity

- 100K jobs spread across business functions
- Complex inter-dependencies
- Multiple job schedulers



Changing Environment

- Changing jobs and dependencies
- Changing infrastructure
- Changing business workload

Implications

- Lack of end to end understanding of batch operations
- Extremely difficult to predict future batch
- Unexpected outages, delays and SLA Violations
- Inherently reactive operations and fire-fights



OUR PRODUCT

ignio

AI.WorkloadManagement

AI/ML driven software
for proactive workload operations

predicts, prescribes, and prevents outages using the
combined power of AI and automation, thereby ensuring **predictable, agile, and silent batch operations!**



Learns Context

- Models the batch estate across different business functions and schedulers
- Mines historical data to construct behavioral models

Predicts & Prevents

- Predicts batch progress in real time and SLA violations
- Assesses impact of failure/hold/delays
- Diagnoses its root-cause and recommends corrective actions

Diagnoses & Resolves

- Derives the root-cause of job failures
- Recommends a fix
- Auto-resolves or enriches the incidents for manual resolution

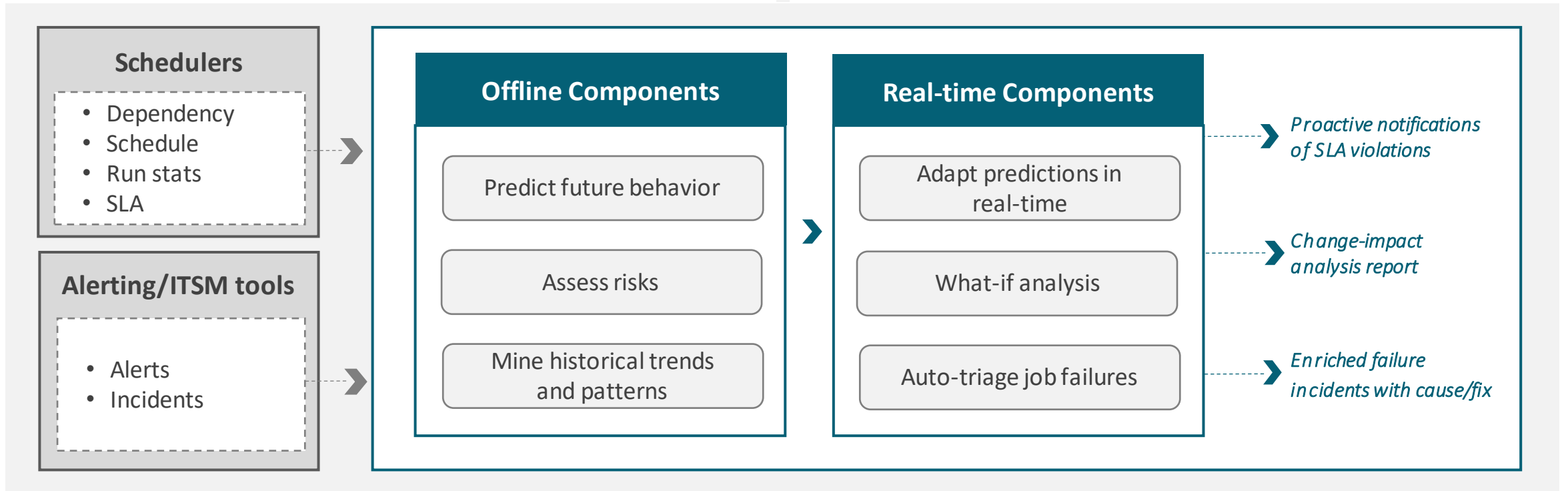
Plans for Growth

- Predicts a future batch
- Creates change scenarios
- Assesses impact of change

Manages Problems

- Derives problem signatures
- Narrows down the batch estate that is at high risk
- Highlights areas that need attention

HOW IT WORKS





Eliminate surprises

Predicts, diagnoses, prescribes, and prevents SLA violations

Benefits

- Reduced batch-induced outages
- Reduced pain minutes



Plan for change

Provides what-if analysis to assess impact growth and change

Benefits

- Improved agility to manage change
- Reduced time to plan for growth and change



Suppress noise

Derives optimal thresholds and suppress false alerts

Benefits

- Reduced alert noise
- Reduced risk of missing genuine alerts



Perform problem management

Derives problem signatures by mining patterns & correlations

Benefits

- Improved stability by proactive problem management and prevention



Auto-resolve job failures

Diagnoses the likely cause of a job failure and auto-resolves

Benefits

- Reduced time and effort in incident resolution



USE CASES

Users

Batch operations teams
Batch architect teams
Head of LoBs

KEY DIFFERENTIATORS

Beyond predictions >
Diagnosis and prescription



Higher prediction
accuracy using deep
forecasting models



Handles
heterogeneous schedulers



Closed-loop intelligence to
automatically resolve incidents



What-if analysis to plan
for growth and change



BUSINESS BENEFITS



Reduced batch-induced outages

- Prediction of batch in near-real-time
- Reduction in pain minutes by early notification of outages or SLA violations



Improved agility to plan for growth and change

- Predict a future batch
- Assess impact of technology and business changes



Enhanced efficiency of batch operations

- Reduced false alerts
- Reduced time to resolve MRAs and job failures



Thank
You



KEY
DIFFERENTIATORS

OUR
PRODUCT

BUSINESS
BENEFITS

CUSTOMER
CHALLENGES

USE CASES

HOW IT
WORKS

INDUSTRY
CONTEXT

TECH
COVERAGE

PRODUCT
FEATURES

CASE
STUDIES