

AIOps done right

Why you need a software intelligence platform purpose-built for automating IT operations and business processes.



The promise of AIOps

AIOps platforms combine big data and artificial intelligence to support IT operations and drive the next generation of digital businesses.



Alert noise reduction



Root cause analysis



Auto-remediation



Business automation

Isn't machine learning enough?

A machine learning layer on top of point solution monitoring tools can ease the headache of alert storms in today's dynamic enterprise cloud. But ML is no cure.



Alerts, not answers.

Machine learning approaches can cluster alerts but have a hard time finding the true technical root cause of a connected problem.



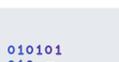
Poor monitoring data.

Anomaly detection based on static thresholds, simple baselines, and sampled data from disparate sources can never reflect the actual health of your system.



War rooms.

It's still up to humans to find and eliminate the troublesome code or configuration.



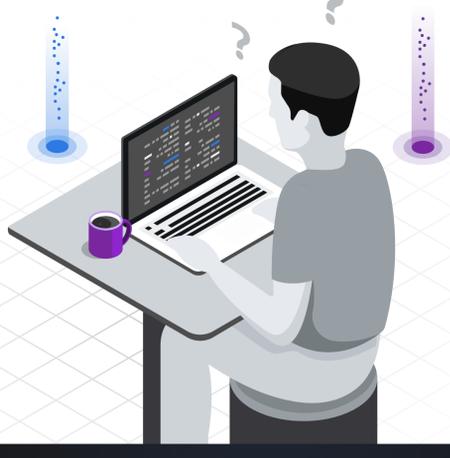
Lagging models.

Building a model of an ever-changing enterprise cloud system is no simple task. Training takes time, and the models often stay murky and incomplete.



Massive manual effort.

Highly dynamic environments require significant time and ongoing effort to instrument the system and configure data ingestion.



Software intelligence Fact-based, deterministic AI

An effective software intelligence solution tells you not only how your system is doing—and where exactly it needs to be fixed—but also how your customers and your business are impacted.



Deterministic AI

- Effectively reduces noisy anomaly alerts by finding the true underlying problem
- Performs deterministic fault tree analysis instead of machine learning
- Uses real-time topology and high-fidelity data for fault tree analysis
- Detects significant metric changes even below anomaly thresholds



Root cause analysis

- Determines technical root cause reliably and accurately without any human problem solving
- Visualizes the problem evolution step by step in a topology map
- Finds the exact software deployment or configuration change that caused the problem
- Tells you what components are working well within the fault tree



Business impact analysis

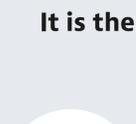
- Assesses the severity of a problem by the number of impacted users or lost business transactions
- Determines all real users who have faced a problem for customer service follow-up
- Captures all failed service calls for detailed business impact analysis



Open up and automate everything!

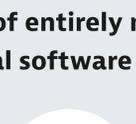
Meaningful, reliable, and precise AI-powered answers open up a whole new world of automation. Open APIs are key for vertical integrations with CI/CD, ITSM/CMDB and CRM systems.

It is the foundation of entirely new business models in a digital software economy.



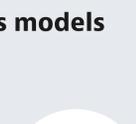
Self-remediation

Build smarter automated mitigation actions.



Auto-deployment

Build an unbreakable delivery pipeline.



Smart CRM

Build an individualized customer care solution.

Amidst cloud complexity, Dynatrace provides simplicity.

To learn more about how software intelligence keeps cloud complexity from limiting your monitoring capabilities, see our ebook.

[Learn more](#)

Learn more at dynatrace.com

Dynatrace provides software intelligence to simplify enterprise cloud complexity and accelerate digital transformation. With AI and complete automation, our all-in-one platform provides answers, not just data, about the performance of applications, the underlying infrastructure and the experience of all users. That's why many of the world's largest enterprises trust Dynatrace to modernize and automate enterprise cloud operations, release better software faster, and deliver unrivalled digital experiences.

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