

# Learn how advanced IT analytics can unify and transform IT

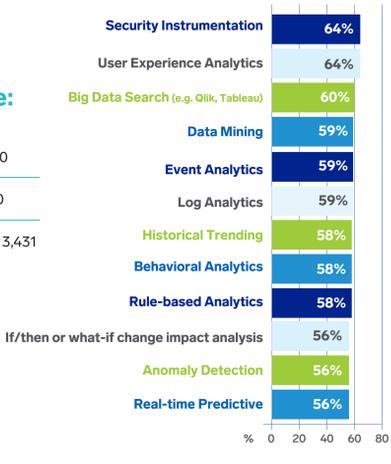
## What is Advanced IT Analytics (AIA)?

### The AIA model: what should you look for before you invest?

- 1 Assimilation of data from **cross-domain sources** in high data volumes
- 2 Access to **multiple data types**, e.g., events, time series data, KPIs, logs, flow, configuration data, etc.
- 3 Unique capabilities for self-learning to deliver **predictive, prescriptive, and if/then insights**
- 4 **A strategic overlay** that can unify IT through a common set of data and insights
- 5 Support for traditional infrastructure, **private cloud, public cloud, and multi-cloud**

### The most popular heuristics for AIA are:

Sample Size = 300  
Valid Cases = 300  
Total Mentions = 3,431



### AIA investments should support multiple use cases:



- Cross-domain application infrastructure and performance
- End-user experience management/customer experience management
- Integrated security and operations
- DevOps/agile initiatives
- IT-to-business alignment
- Capacity management and infrastructure optimization
- Change management

## DevOps, security, and cloud: key IT analytics requirements.

### IT Analytics can transform DevOps initiatives

What are your organization's DevOps/agile priorities for leveraging IT analytics?

- 48% Optimize application performance by providing rapid feedback to development from production
- 47% Minimizing the time developers spend troubleshooting production performance issues
- 43% To support the application development process directly
- 41% To provide feedback to development to optimize application design
- 41% Driving improvements via user analytics
- 40% To support production/ operations in handoffs from development
- 29% To support a Q/A test

### Integrated security is another critical concern for Advanced IT Analytics.



#### Top five metrics:

- 1 Detection of network threats
- 2 Relative security risk
- 3 Fraud detection
- 4 Data loss detection
- 5 Vulnerability and patch management metrics

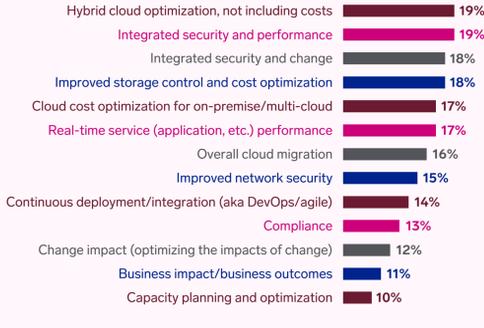
#### Top five data sources

- 1 Antivirus data
- 2 Security information and event management (SIEM)
- 3 Security log management and search
- 4 Security-related events/time series
- 5 Threat intelligence

### Security-Aware AIA can be a leading factor in managing cloud-related services.



? What are your organization's top use cases for IT analytics in support of cloud initiatives and cloud-related services?



## Critical AIA stakeholders: unifying IT by bridging silos.

Advanced IT Analytics can bring both IT and the business together for a more unified approach to digital transformation

### The top seven domain stakeholders:

- Cloud management
- Database management
- Applications management/support
- Security/compliance
- Systems
- Software engineering/development
- Network

### The top five business stakeholders:

- Business operations
- Business development/planning
- Customer experience management
- Executive (non-IT)
- Online operations

### The top eight cross-domain stakeholders:

- IT operations/cross-domain (tied with) executive IT
- ITSM (beyond the service desk)
- Data analyst/data scientist
- Infrastructure management
- Line of business (not central IT)
- Agile/DevOps teams
- Engineering
- Configuration management

## Advanced IT Analytics benefits are manifold.

### Top ten expected benefits from AIA adoption:

- 1 Improved OpEx efficiencies within IT
- 2 Faster time to repair problems
- 3 Faster identification of advanced threats
- 4 Faster time to deliver new IT services
- 5 Better correlation between change and performance
- 6 Improved employee and customer experience
- 7 Better alignment with IT services and business service outcomes
- 8 More efficient use of infrastructure/capacity
- 9 Significantly higher levels of security-to-operations collaboration
- 10 Improved efficiencies in managing change

### Achieved benefit specifics:

**65%** Mean time to resolve improved an average of 65%  
With 23% showing 100% or better



**70%** Mean time to deliver new services improved an average of 70%  
With 32% showing 100% or better



## Unifying IT for next-generation application delivery with Sumo Logic.



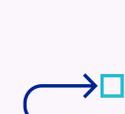
### Operations analytics

Monitor and troubleshoot in real time Increase your troubleshooting effectiveness. Sumo Logic helps you reduce downtime and move from reactive to proactive monitoring with cloud-based modern analytics powered by machine learning.



### Security analytics

Act on threats instantly Quickly detect indicators of compromise (IoCs), accelerate investigation, and ensure compliance using Sumo Logic Security Analytics.



### Business analytics

Make smarter decisions Enable data-driven business decisions and predict and analyze consumer behavior using Sumo Logic's real-time analytics platform.

### How it works



Collect & Centralize



Search & Investigate



Monitor & Visualize



Alert & Notify

Sumo Logic brings IT performance, security and business outcomes together in a unified platform.

To learn more, visit [www.sumologic.com](http://www.sumologic.com)