Comprehensive AIOps Guide: Automating IT Operations Management

Your Company Name

Click Here to Download the Editable Version

Key benefits of AIOps for enterprise IT teams

The following slide showcases key advantages of artificial intelligence for IT operations (AIOps). It includes elements such as minimizes downtime, improves operational confidence, reduces vulnerability risks, enhances customer experience, boost collaboration etc.

Minimizes downtime

- Assist DevSecOps and SRE members to identify and resolve arising issues in real time
- Ensures operational efficiency by minimizing false positive alerts
- Add text here

Improves operational confidence

- Eliminates guess work
- Focuses on identifying key operational issues, its impact and comprehensive improvement steps
- Add text here

Reduces vulnerability risks

- Automation and AI tools assists in determining, prioritizing and resolving vulnerability risks
- Facilitates faster identification of potential areas of improvement than manual method
- Add text here

Enhances customer experience

- Minimizes time to resolve issues by automating complex tasks
- Uses data to predict future events and boost up problem solving
- Add text here

Boost collaboration

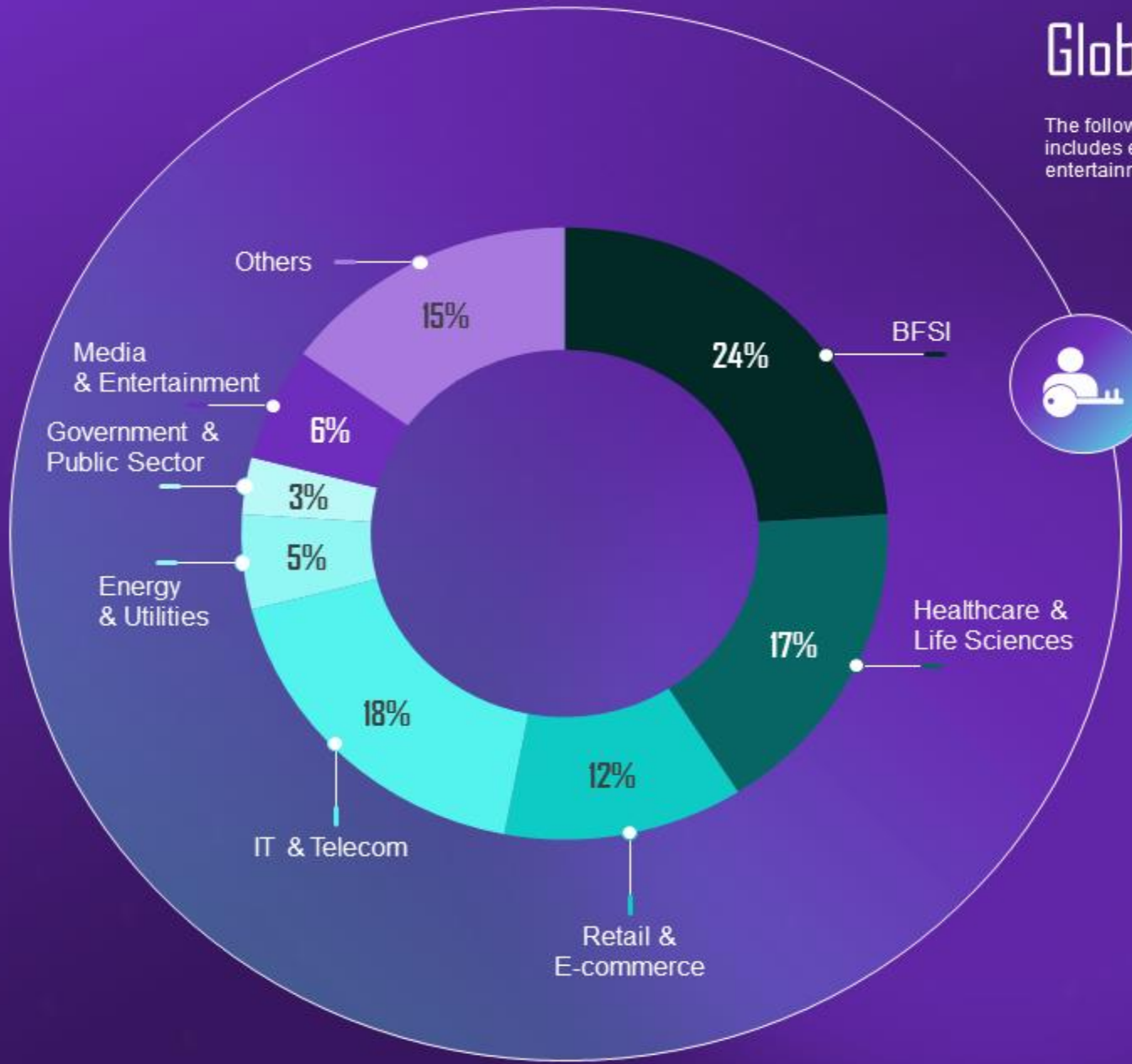
- Gathers and analyses data from several sources to deliver comprehensive outcomes
- Facilitates various teams & departments to work together and share insights
- Add text here

*DevSecOps – Development, security & operations
*SRE - Site reliability engineering

Click Here to Download the Editable Version

Global AIOPs market analysis by industry

The following slide depicts market growth assessment of AIOPs platform and services by various sector type. It includes elements such as BFSI, healthcare, life science, retail, e-commerce, IT, telecom, energy, utilities, media, entertainment, etc.



Key takeaways

- Highest AIOps adoption is witnessed in banking finance & service industry (BFSI) by **24%**
- Followed by IT & telecom by **18%**
- Add text here Add text here
- Add text here Add text here

This graph/chart is linked to excel, and changes automatically based on data. Just left click on it and select "Edit Data".

Click Here to Download the Editable Version

Ways through AIOps assisting finance and banking industry

The following slide depicts how AIOps helps in improving functions of finance and banking industry. It includes elements such as managing day to day operations, building up compliance, performance assessment, fraud identification etc.

Management of day to day operations

- Leverages ML and AI technology to gain overall efficiency
- Analyses customer requirements to offer digital financial assets
- Add text here
- Add text here

Fraud identification

- Reviews available financial data
- Uses tools to forecast risks, assess third party log-ins, illegal amount transfers
- Add text here
- Add text here
- Add text here

Builds up compliance

- Ensures regulatory compliance is being fulfilled
- Uses online service desk to enhance overall customer engagement
- Add text here
- Add text here
- Add text here

Performance assessment

- Forecasts clients requirements associated with financial services
- Assess challenges faced by them by using historical data
- Add text here
- Add text here
- Add text here

This slide is 100% editable. Adapt it to your needs and capture your audience's attention.

Click Here to Download the Editable Version

Comparative analysis of best AIOps platforms

The following slide depicts comparative assessment of AIOps tools to select the best alternative . It includes elements such as data collection, analysis, automated reaction, visualization along with pricing, etc.

AIOps Tools	Data Collection	Data Analysis	Automated reaction	Data visualization	Price ($)
01 Dynatrace	Yes	Yes	Yes	Yes	9,000
02 App dynamics	Yes	No	Yes	Yes	7,000
03 Splunk	No	Yes	No	No	8,000
04 Moogsoft	No	Yes	Yes	Yes	7,500
05 Big panda	XX	XX	XX	XX	XXX
06 Add text here	XX	XX	XX	XX	XXX

Click Here to Download the Editable Version

Key components of AIOps platform and its impact

The following slide illustrates various elements of AIOps platform along with their effect on IT operations. It includes elements such as data aggregation, automation, real time processing, machine learning (ML), domain algorithms etc.

Components	01 Details	02 Impact
Data aggregation	○ Gathers data from multiple sources ○ Identifies root cause, tracks systems, manages ticks etc. ○ Add text here	Enhances correlation of events by eliminating data silos
Real time processing	○ Assesses large amount of data in real time ○ Meets performance requirements ○ Add text here	Helps in responding anomalies at much faster rate
Automation	○ Facilitates real time testing of new tools and features ○ Conducts detailed log assessment ○ Add text here	Minimizes workload of IT team
AI & ML	○ Leverages predictive analytics to identify security alerts ○ Add text here	Enhances AI application's capability to determine abnormal behavior
Domain algorithms	○ Defines operational goals to be ranked by AI ○ Add text here	Helps in prioritizing goals based on particular IT environment

Click Here to Download the Editable Version

Defining AIOps users and its usability

The following slide illustrates key users and uses of AIOps platform to resolve issues across network. It includes elements such as cloud native small & medium enterprises, DevOps teams, digital transformation, tasks automation, data analysis, eliminating glitches etc.

Users	Usability
01 Organizations with complex environment	o Facilitates change o Fulfils requirement of more IT agility o Add text here
02 Cloud native small and medium enterprises	o Develops and releases software regularly o Improves digital services by reducing malfunctions o Add text here
03 DevOps teams	o By analysing data and offering solutions based on data o Automates most of the tasks Add text here
04 Companies with hybrid and on premise environment	o By offering detailed view of all infrastructure type o Facilitates teams to ensure control over IT environment o Add text here
05 Organizations on the path of digital transformation	o To ensure organizations to be more agile and competitive o By facilitating automation of IT operations and eliminating glitches o Add text here

Click Here to Download the Editable Version

Major challenges in AIOps adoption and possible solutions

The following slide illustrates various issues and their possible solutions to. It includes elements such as inability to integrate, service and asset interrelationships, new process adoption and change, availability of on premise security etc.

Challenges	Details	Possible solutions
Inability of system to integrate with current tools and data	Data available in AIOps is not obtainable Legacy tools are not aggregation friendly Add text here	Adopt AIOps platform that facilitate in-built data lake to ensure data accessibility Add text here
Service and asset interrelationships	High cost of asset overhead expense	Automate service & application dependency mapping
New process adoption and change	Challenging to system of engagement	Regularly integrate with existing systems
Availability of on premise security	Most of the tools support on premise	Add text here

This slide is 100% editable. Adapt it to your needs and capture your audience's attention.

Click Here to Download the Editable Version

Best practices to ensure successful implementation of AIOps

The following slide illustrates some tips to facilitate faster execution of AIOps platform. It includes elements such as determining goals clearly, allowing access to relevant information, collecting data, prioritizing issues, testing and deploying, etc.

Determine AIOps goals clearly

- Determine key issues to be resolved before implementing AI platform
- Deploy machine learning to track and automate IT services
- Add text here

Allow access to relevant information

- Ensure accessibility to data, metrics, outputs etc.
- Facilitate comprehensive view of data silos to ensure better decision making
- Add text here

Collect and assess data

- Gather previous data to align data types
- Analyze previous status of data and systems to determine trends and patterns
- Add text here

Prioritize issues

- Focus on detecting key issues and data sources
- Conduct root cause analysis and review capabilities
- Add text here

Test & deploy

- Deploy AIOps system and monitor for few weeks
- Test accuracy and productivity
- Add text here

Click Here to Download the Editable Version

Impact of deploying AIOps on business performance

The following slide showcases impact of adopting AIOps in improving business performance. It includes elements such as improved business return on investment, digital transformation success, enhancing performance tracking, etc.

Improved business ROI

- Eliminates recurring manual tasks with automation
- Assist in improving overall team capacity by boosting output and minimizing costs
- Add text here
- Add text here

Digital transformation success

- Add value to business by saving resources and efforts
- Offers end to end visibility to architecture and applications
- Add text here
- Add text here
- Add text here

Enhances performance tracking

- Projects performance issues and analyses resource utilization
  - Helps to determine issues
  - Add text here
  - Add text here
  - Add text here

Click Here to Download the Editable Version