



ZERO INCIDENT FRAMEWORK™



Known Issues



Unknown Issues

Artificial Intelligence in IT Operations (AIOps) is the new normal, and having the right platform makes all the difference – it significantly increases ITOps efficiency, IT engineer productivity, and can save you from the ITOps iceberg!

Properly designed & implemented AIOps results in minimum...

↓ **66%**
Reduction of requests to support departments

↓ **33%**
Shorter mean time to solve the problem

↓ **35%**
Shorter mean time to diagnosis

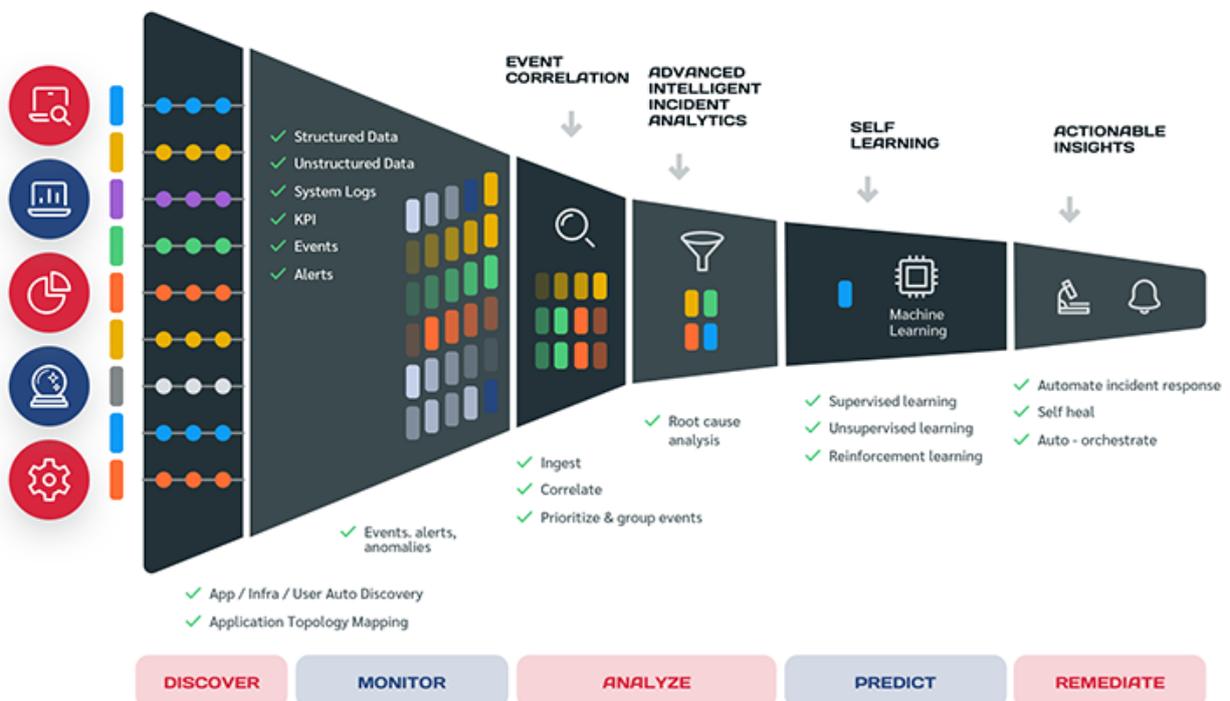
↓ **30%**
Reduction of incident reported by users

ZERO INCIDENT FRAMEWORK™ (ZIF)

Designed and architected to address ITOps problems of today & tomorrow, ZIF is the only platform that is **powered by true machine learning algorithms** that enable adaptability to modern-day IT infrastructure, self-learning, and PROACTIVE IT operations. Leveraging the power of Artificial Intelligence (AI) on telemetry data ingested in real-time, ZIF provides insights, and resolves issues predicted by the platform – resulting in consistent availability of application services *whenever* the end-user needs them.

ZIF-delivered BUSINESS VALUE

- ☆ **Minimum 40% reduction** in capital expenses
- ☆ **Minimum 50% reduction** in IT operational cost
- ☆ **60% faster resolution** (MTTR)
- ☆ Service **availability of 99.99%**
- ☆ **Productivity increase of 80%+** through ZIF bots
- ☆ Enhanced user experience measured by **User Experience Index (UEI)**



ZIF GUARANTEES



Observability

ZIF goes way beyond traditional monitoring, to *complete observability*, by observing behavior patterns, and externalizing the internal state of systems/services/applications. This lends itself to more time for strategic initiatives - critical to the success of Site Reliability Engineering (SRE) in enterprises.

Service Availability

Unsupervised machine learning algorithms coupled with the right metrics collected from the environment help ZIF learn device/application usage patterns, and to predict potential downtime. **With 95%+ accuracy in predictions, ZIF achieves 99.99% availability.**

Service Reliability

ZIF has mastered the art of predicting device/application/service failures, and performance degradation. ZIF's auto-remediation bots can resolve predicted issues to ensure performance *as expected & when expected* by users. This unique proposition from ZIF gives IT engineers the edge on service reliability of IT assets they are responsible for.

ZIF FEATURE HIGHLIGHTS

Business Outcomes Catalog

ZIF is crafted to deliver business outcomes, and users can **choose the desired outcomes from a catalog!** ZIF features required to deliver those outcomes will then be deployed.

Single Pane of Action

ZIF can integrate with 100+ tools to ingest static/dynamic data in real-time via the **ZIF Universal Connector** - a low code component with reusable templated dataflows. This provides a **360° unified view across the IT enterprise**, saving a LOT of time for IT engineers.

Intelligence - Alert Correlation by ZIF's high-performance correlation engine

Challenges for Traditional ITOps

- ☆ IT engineers overwhelmed by deluge of alerts
- ☆ 80% of time spent in identifying problem statements
- ☆ Billions of dollars lost by enterprises due to such inefficiencies

The ZIF Solution

- ☆ Millions of patterns self-learned by the platform from historical data are processed

- ☆ Knowledge gained is used to create cases by correlating real-time alerts/events
- ☆ AI helps determine probable root cause for each of these cases within seconds
- ☆ Drastic improvement in MTTR and productivity of IT engineers, resulting in better revenue

Intelligence - Predictive Analytics on ingested utilization data by unsupervised ML algorithms

ZIF's algorithms forecast incidents based on their knowledge of trends & incident symptoms - gained by analyzing tons of historic data. ZIF then generates opportunity cards a minimum of 60 minutes in advance, along with suggested proactive remedial measures, giving IT engineers a lead time to fix issues before they strike.

Visibility - Agentless Auto-Discovery of IT assets and applications

ZIF delivers a dynamic enterprise blueprint by identifying all IP assets in the enterprise in real-time, and plotting the physical and logical topologies. This empowers IT engineers with a very detailed view of connections and inter-dependencies for every asset, and in-depth insights into workload metrics that can be utilized for deep analytics.

Visibility – Cloud Monitoring

eliminates dependence on native cloud monitoring tools

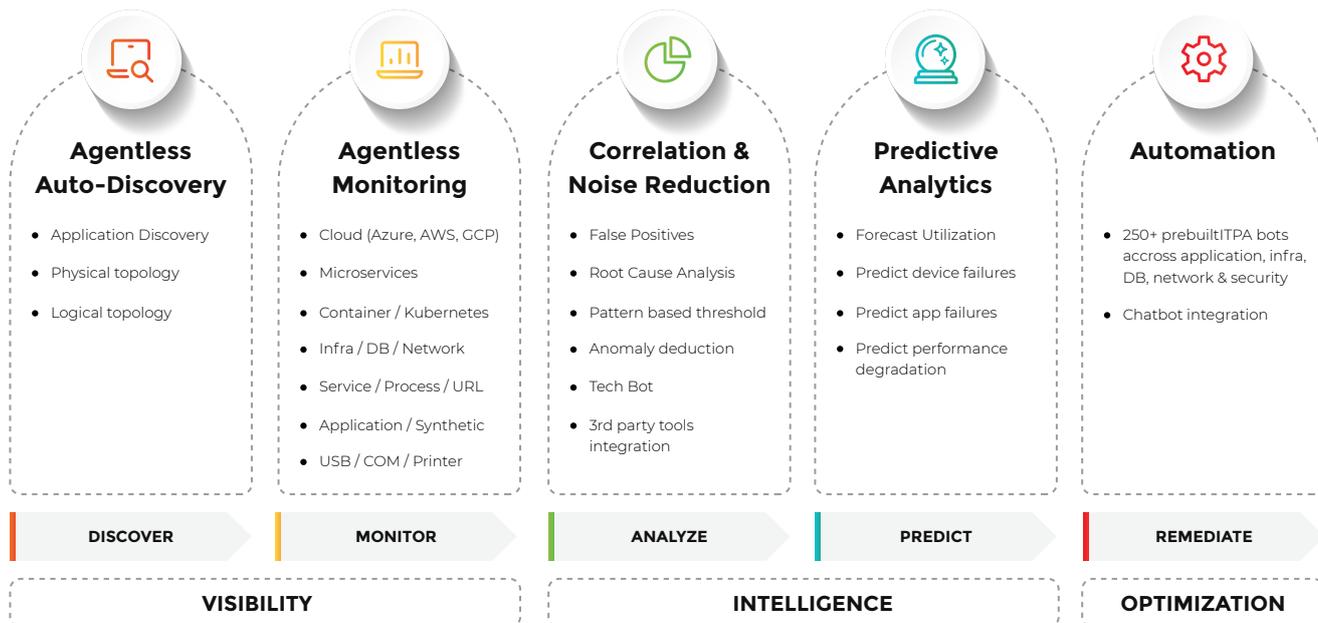
ZIF can connect directly to Azure, AWS & Google Cloud, and also ingest data from the provider-provided monitoring tools, to derive data-driven insights - promoting informed decision-making, and hence better application availability for end-users.

Optimization – Beyond Insights

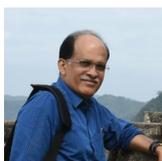
to remediation and autonomous IT operations

ZIF has **250+ automation bots** that can be deployed to fast-track the resolution process by a minimum of 90%, resulting in increased uptime of applications, and better revenue for the enterprise. *Dynamic Resource Allocation, Automated Phishing Control based on threat score* are examples of ZIF bots.

Zero Incident Framework™ | Predictive & Autonomous IT Operations



Transforming IT Operation Management with One Unified Platform



Sankaranarayan R

Sr.GM - Information Technology,
HDFC Ltd

... have implemented their AIOps platform ZIF within HDFC for monitoring of our all Infrastructure (Server, Storage, Network devices). They have recently implemented Physical Discovery to improve the capability of Analysis and APM for enhancing the reliability of HDFC applications in the last few months. We are pleased by the platform implementation and the benefits it provides. ZIF was able to detect and predict close to 95% of high priority P1 incidents in advance, and proactively creates tickets. It has reduced the high priority P1 incidents by 25% in the last six months, and our IT operations team can spend their time in managing other projects.

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ZIF (Zero Incident Framework™), is an award-winning AIOps platform for IT Operations. ZIF delivers business outcomes by leveraging unsupervised pattern-based machine learning algorithms. Infrastructure and application telemetry data are aggregated, correlated, and potential failures are predicted. To enable faster resolution and better user experience, ZIF deploys intelligent bots for proactive remediation. Developed by GAVS Technologies (www.gavstech.com), ZIF is available as an on-premise and SAAS solution.

To find out how ZIF can help your organization, please visit www.zif.ai or write to inquiry@zif.ai