

Key Benefits

- Extract actionable intelligence from data spread across organizational functions (Biz/Cloud/IT)
- Feedback loop to guide stakeholders towards achieving goals/outcomes
- Ties Business Outcomes / KPIs to Applications and IT Performance
- Detailed application/service dependency mapping
- Built-In ML Engine for advanced analytics and predictions
- Multi-source data collection across legacy and modern environments
- Built with Microservices and containers to provide cloud scale and rapid extensibility

Our sites are scored for availability, performance, capacity compliance and security needs—using often more than 20 to 30 outcomes to arrive at the final score

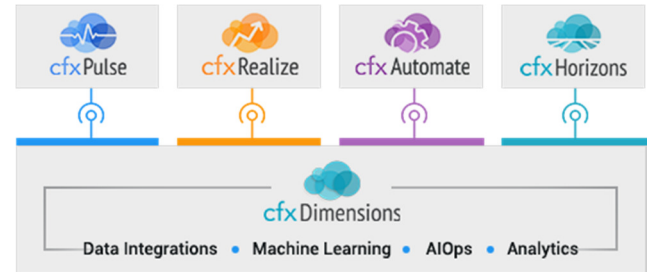
CIO, Global Agro-Chemical Firm

Rather than just looking proactively at different data, which was itself of value, with cfxDimensions we were able to take that up a level and relate what was happening to business outcomes and business objectives

Sr. VP, IT Strategy, Tier-1 MSP

cfxDimensions for IT Transformation

Digital Transformation, Multi-Cloud enablement and IT transformation are amongst the top initiatives of modern Business and CIO leaders. To enable success with such interdependent and organizational-wide digital initiatives, enterprises need a solution that takes an outcome driven approach. Such a solution should operate and bring multiple functions like Business Performance, Customer Success, Cloud and IT – all under same analytics fabric and governance plane. In addition, such a solution should provide comprehensive capabilities to support wide variety of environments, and have ability to read, model, analyze and extrapolate dependencies among various Business, Cloud and IT systems.



Introducing cfxDimensions, leading outcomes driven AIOps (Algorithmic ITOps) platform to enable IT transformation. The platform provides high-scale any-time, any-source data ingestion, enterprise integrations, discovery of IT assets, analytics and machine learning, all built on cloud native architecture with microservices and containers architecture, making it a unique offering in the market. It also helps IT leadership gain more visibility into KPIs in real-time, understand outcome dependencies on underlying technology as well as improve revenue and customer satisfaction through efficient customer adoption of its products and services

Solutions Packs

To address typical IT scenarios, CloudFabrix provides following solution packs, built on cfxDimensions



Hybrid IT Monitoring

- IT Infrastructure Monitoring
- Cloud Monitoring
- Application Health Monitoring



Asset Lifecycle & Adoption Management

- Asset Visibility & Inventory Reports
- Spend optimization
- Custom Success Management











Intelligent Automation & Integration

- Virtual NOC Engineer
- Incident Enrichment
- Change Propagation



Analytics & Governance

- Biz Outcomes/KPIs tracking
- Application multi-dimensional governance
- Cloud security, compliance & optimization

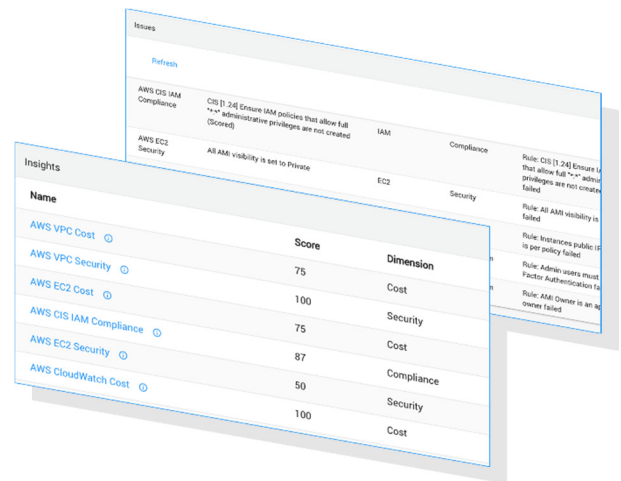
	Highly Scalable Data Ingestion Ability to ingest data from different IT data sources, such as events, metrics, logs, job data, tickets, monitoring, etc.		Visualization & Reporting which provides visibility to IT Ops in an easily consumable way, to facilitate understanding and action
	Data Manipulation Data Manipulation and Analytics that enable the system/user to manipulate ingested data or perform analytics to produce insights or triggers to act upon.		Automation To respond to incidents automatically to provide remediation.
	Advanced Analytics & ML For automation and correlation of event data to reduce alerts and improve resolution times. It can also support in running what-if analysis and forecasting models		Application Dependency Mapping Maintain current state of full stack dependencies to analyze downstream/upstream impact of any component due to changes or incident.
	Integrations Extensible enterprise integration enables flow of information between disparate applications and perform operations as part of remediation.		Outcomes Governance Applies advanced analytics, governance and optimization capabilities for organization to achieve business and operation outcomes on a continuous basis.

Key Use Cases

- CXO Intelligence Dashboard**
 CXOs can optimize their organization operations to deliver superior customer experience and gain better controls by bringing real-time visibility into the key business performance indicators. It is also important to tie them to IT performance as more and more organization today rely on technology and digital channels to run their business.
- Asset Usage & Cost Optimization**
 Its just not enough to understand the assets procured by organization. It is equally important to have intelligence on the deployment and their usage. By having this capability, executives not only can gain real-time visibility into assets but their usage/performance and how it ties with their financial and business metrics. This will ensure executives make decisions that optimize the costs and benefits from those assets.
- Digital Customer Experience Management**
 Customer experience is essential for both the future growth and the current bottom-line of any organization. Customer experience measured from multiple dimensions is essential for customer retention, customer loyalty, word-of-mouth, acquisition and so much more.
- Application Governance**
 Container Solutions, especially in combination of microservice architectures and the practice of DevOps have introduced lot of complexity into operations. Traditional monitoring solutions are not designed to handle the distributed nature of these applications.
- Cloud Native Application Governance**
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- Business-IT Alignment**
 Business and IT can go off on a tangent if both functions are not fully aligned. Business, I&O leaders need to clearly articulate and define their key expectations from IT operations/assets and the central technology stack of the enterprise
- DC Refresh & Migration**
 Technology has evolved significantly in last couple of years and will continue to do so in the future also. Business demands adoption of new technology on a continuous basis to stay competitive. However, the change is never easy.
- Cloud Migration / Transformation**
 Cloud Migration is the process of migrating or extending enterprise on-premises workloads to Cloud. Legacy nature, rigid architectures and complex interdependencies make Cloud migration a challenging and prolonged process for enterprises. Software compatibility issues, architectural re-factoring, resource sizing, security and cost considerations bring setbacks into enterprise cloud journey.

Enterprise Integrations Support

Cloud	AWS, Azure, Oracle, Google Cloud
Cisco Infrastructure	Cisco Nexus Switches, ACI, UCS, HyperFlex, Catalyst Switches, APs, WLAN controllers, ASR/ISR/CSR Routers, Meraki, ASA Firewalls
Cisco Management/Software	Cisco SNTC, Tetration, APIC, Intersite, DNA Center, UCS Director
Datacenter/Campus Infrastructure	Compute, Network, Storage, Load Balancers, Firewalls, IPS/IDS
Applications	Sharepoint, Oracle, Liferay, Tomcat, WebLogic, Metastorm (BPM), Java/J2EE apps, .NET Apps, IIS, Apache, Nginx, HA Proxy,
Databases	MySQL, Postgres, Cassandra, Oracle, Influx DB, MS SQL
Object Storage	Minio, AWS S3, OpenStack Swift
Asset Inventory	cfxRealize, HP UCMDB, ServiceNow, BMC, SolarWinds, ScienceLogic
Monitoring	cfxPulse, Nagios, AWS CloudWatch , CA UIM, ScienceLogic, SolarWinds, collectd
Incident Management	ServiceNow, BMC Remedy, Jira ServiceDesk
Collaboration Tools	Cisco WebEx, Cisco Spark, Slack, HipChat, PagerDuty, Twilio
Productivity Suites	Google G-Suite, Microsoft Office 365
Support Contract/Serviceability	Cisco SmartNet Total Care Portal (SNTC), Cisco Product Catalog Dictionary
BI/Analytics	Tableau, Domo, IBM Watson Analytics
ERP	SAP, Oracle
CRM	Salesforce, Hubspot
Network Traffic Flow Data	NetFlow, S-Flow, PCAP (ex: Wire Shark), AWS CloudWatch Flow Logs
Messaging Protocols	Kafka, AMQP, MQTT
File Uploads	Excel, CSV, TSV, ZIP, JSON



AWS Services

Insights	Description	Weight
AWS VPC Cost	Insights for AWS VPC Cost	5

Insights for AWS VPC Cost

Name	Description	Weight	Developer Organization	Cost	Availability	Performance
AWS CIS IAM Compliance	Insights for AWS CIS IAM Compliance	5				
CIS [1.1] Avoid the use of the "root" account	The "root" account has unrestricted access to all resources in the AWS account. It is highly recommended that the use of this account be avoided.	5	Developer Organization	5	5	5
CIS [1.2] Ensure multi-factor authentication (MFA) is enabled for all IAM users that have a console password	Multi-Factor Authentication (MFA) adds an extra layer of protection on top of a user name and password. With MFA enabled, when a user signs in to an AWS website, they will be prompted for their user name and password as well as for an authentication code from their AWS MFA device. It is recommended that MFA be enabled for all accounts that have a console password.	5	CFX	5	5	5

