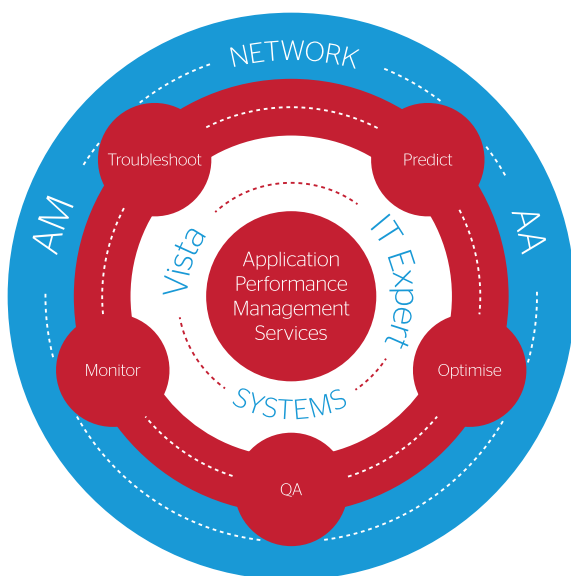


Assure Approach

Assure's suite of security and performance management solutions uses best-in-class analytics for real-time monitoring, advanced application troubleshooting and tuning, and pre-deployment planning. This is underpinned by security technologies from Illumio providing micro-segmentation and from Arbor providing DDoS protection.

Assure's Full Lifecycle Approach

- First and foremost, we advocate the most secure environment that is possible. To this end, we utilise segmentation and DDoS guard technologies.
- Ensures compliance with SLAs for end-to-end performance with automatic 24/7 monitoring and alerting.
- Accelerates problem remediation with real-time analytics and automatic diagnosis.
- Reduces risk of deployment delays or failure by certifying application network readiness.
- Avoids inefficient and costly infrastructure investments with predictive planning.
- Eliminates finger-pointing among teams responsible for application performance.



Assure offers:

Automated round the clock security technologies

Illumio for next-generation micro-segmentation security technologies and ARBOR to help prevent instances of DDoS attack intrusion.

Advanced analytics

Real-time statistical correlation of metrics and events, as well as expert knowledge of applications, networks and servers and how they interact.

End-user experience monitoring

Continuous end-user application response times, providing real-time global visibility of all transactions and users across the enterprise.

Application component monitoring

Continuous J2EE/.NET monitoring down to the method level, providing real-time visibility into application components across all web, application and database servers.

Systems monitoring

Continuous systems performance monitoring at high resolution, reporting on systems resources, such as CPU, memory and disk I/O.

Real-time forensics

Detailed forensic captures triggered by threshold violations, enabling integrated troubleshooting across a network.

Application Performance Management (APM)

Assure delivers a powerful APM service that includes:

- Industry-first integrated solution for end-to-end advanced performance management, troubleshooting and problem resolution
- Comprehensive solution leveraging network, system and application analytics
- Full lifecycle coverage for deployment planning, testing and production environments.

Assure Monitor (AM)

This service delivers an end-to-end solution that enables monitoring, measurement and detection of performance violations, providing visibility of all transactions and users across the enterprise. The solution provides real-time and historical information about performance, utilisation, route quality, ISP performance and end-user response times. ACE Live detects service level violations and uncovers the root-cause of application performance problems via seamless integration with Assure Analyst (AA).

Assure Analyst (AA)

This service embeds expert knowledge about network protocols and application behaviour as seen from a network perspective, providing a comprehensive understanding of the end-to-end performance of networked applications. AA's powerful, intuitive analysis environment enables application pre-deployment certification, validates planned changes and accelerates troubleshooting of performance problems in production applications.

Assure Vista (AV)

This service delivers comprehensive performance management for critical Java and .NET applications, tracking

thousands of metrics pertaining to application servers, web servers, databases and system resources. AV's unique correlation technology detects patterns in metrics and events automatically. It has unique instrumentation technology that allows in-depth instrumentation of applications with minimal overhead in production environments. Prior to deployment, AV goes beyond simple load testing to guide QA engineers to the root causes of problems.

Benefits of Assure suite

End-to-end response time

Identify performance problems before users complain about response times or leave your website. This creates user and customer loyalty and high levels of client satisfaction.

QA performance testing

Identify and address application chokepoints while accelerating QA by reducing multiple iterations between test and development teams.

Data centre migrations

Predict the impact of data centre consolidations and migrations on application performance.

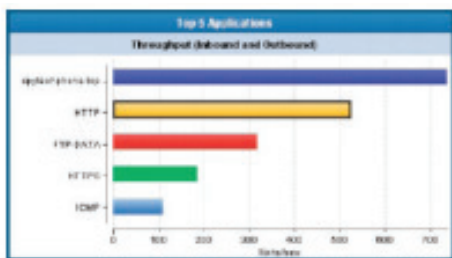
Multimedia & VoIP deployment & monitoring

Gain insight into poor call quality and determine the root cause of performance problems with critical, sensitive response time deployments.

Wide Area Network deployment & operation

Quantify application performance benefits, recommend candidate sites for WAN, WEB and cloud optimisation, and provide network visibility for pinpoint troubleshooting.

Assure Live



Assure Analyst



Assure Vista

