 Nyansa's cloudsourced enterprise IT network analytics platform is the world's first analytics service that uniquely correlates application and client performance with the underlying wired, wireless network infrastructure to deliver a fundamentally new approach to improving user experience within today's increasingly mobile enterprise infrastructure.

**FIGURE 1** Automatic and simple per user root cause analysis summary

**MAXIMIZING USERS’ QUALITY OF EXPERIENCE**
In Real time and over time, Nyansa keeps track of every user’s quality of experience from the time they connect to the time they access applications, allowing predictive remediation and planning based on real network trends and actual user traffic.

**PATENTED ANALYTICS-SYSTEM ARCHITECTURE**
A complete software-based cloud solution requiring no customer premise equipment or sensors, our patented analytics architecture analyzes your network in real-time from client to cloud, delivering unprecedented insight into proactively predicting & remediating user problems.
**CLOUDSOURCING INSIGHTS FROM COMPARABLE COMPANY NETWORKS**
Using completely anonymized data, Nyansa lets organizations share and compare key performance indicators with other Nyansa customers, giving them an unprecedented new level of insight into best practices and trends in real-time. Now companies can immediately observe the potential impact of any changes to the network as well as where, why and what is working in similar environments.

**PREDICTIVE INFRASTRUCTURE CAPACITY PLANNING**
Nyansa gives organizations the ability to correlate user, network and applications data for any client or groups of clients in real time and across time, location and other dimensions to gain a broader perspective into actual network operation.

**FULL STACK WIRED / WIRELESS DATA CORRELATION**
Nyansa delivers specific root answers to client issues by extracting and analyzing all data packets off the wire and combining this information with wireless metrics, correlating this data across the entire network application stack. Now IT staff can automatically characterize network issues related to clients, wired services, wireless connectivity and even application behavior.

**RICH DATA ANALYSIS WITH ZERO IMPACT TO EXISTING INFRASTRUCTURE**
Nyansa performs passive, out of band, deep packet inspection on real user data traversing the network in order to extract information about clients, network services as well as applications. Using one or more software inspectors that extract, inspect and securely send low-bit rate summaries to the cloud, this information is correlated to give a holistic view of a single client, a top-level view across all enterprise clients.

**OPTIMIZING CLIENT PERFORMANCE WITH ACTIONABLE SOLUTIONS**
Immediate root cause analysis for any user lets IT staff better troubleshoot and predict problems as the application environment constantly changes. This empowers IT staff quickly understand the potential symptoms and historical trends causing poor user experience and suggesting remediation actions.

![Diagram](image-url)

**FIGURE 2** Fast and Flexible Software Deployment with Zero Network Impact and No Client Software or CPE