Enterprise Web applications and commercial customer or partner-facing apps running on secure intranets and extranets demand high availability and performance. The consumer Web has raised expectations for the enterprise user’s experience. Now you can monitor it.

The Keynote Global Testing and Monitoring Network provides unsurpassed real-world performance measurement coverage. Leveraging the Network’s more than 7,000 measurement computers and mobile devices in over 275 locations around the world, Keynote’s Internet cloud monitoring service measures performance from major cities and across all major Internet backbones. The Web’s most important businesses trust Keynote to improve the online experience for their customers.

And now that same industry leading technology is available for monitoring the user experience of employees, partners and customers accessing apps and websites accessible only through secure extranets and intranets, or that deliver services at only a specific location for users: Cloud Transaction Perspective.

**EASY TO USE**
Simple installation makes deploying Cloud Transaction Perspective anywhere you need a snap

**SAAS MONITORING PLATFORM**
On-demand dashboards, graphs and alarming provide instant visibility into performance issues

**COMPLEX WEB APPLICATION SUPPORT**
Point and click transaction scripting simplicity, plus power for even the most interactive Web apps

**TIME TO VALUE**
Download and activate Cloud Transaction Perspective within minutes

**TRUE USER EXPERIENCE**
Real Internet Explorer and Firefox browsers measure both network responsiveness as well as a Web page’s lifecycle, as experienced by users

**AFFORDABLE AND FLEXIBLE**
Unlike other End User Experience monitoring software, no expensive license fees
HOW IT WORKS

A Cloud Transaction Perspective measurement agent is a click-wrapped virtual appliance that can be activated on a VMware host where it will reliably monitor performance, without impacting productivity. Because it uses a real browser, any interactive business application workflow can be simulated, even interactions with JavaScript, Flash and Silverlight. Agents are downloaded from the Keynote service on-demand as a complete virtual machine image and installed in minutes with just a few simple configurations. Spin agents up and down as needed.

All monitoring data is securely calculated, visualized and managed by the Keynote SaaS monitoring platform.

When sites and services go down or get slow, you’ll be the first to know. Meet your SLAs and ensure end user satisfaction with Cloud Transaction Perspective.
NETWORK RESPONSIVENESS AND USER EXPERIENCE METRICS

Cloud Transaction Perspective delivers the most accurate and detailed data on Web application performance from the end user perspective. Unlike traditional passive network packet analysis, Cloud Transaction Perspective uses modern Internet Explorer and Firefox Web browsers to proactively test scripted user transactions. In addition to network element responsiveness, Cloud Transaction Perspective provides insight into the key moments that matter to users.

**Time to First Paint:** Tells you the moment that on-screen rendering begins.

**Time to Full Screen:** Captures when the user’s browser screen has completely drawn, even if additional rendering “below the fold” continues.

**Time to Interactive Page:** Indicates when a user can click or swipe on content in a page. It corresponds to when the browser finishes processing the JavaScript onload event.

**Total User Experience Time:** How long a page took to render and become usable for a user. It is the ultimate measure of a page’s speed, factoring not only the time it took for data to be downloaded, but also rendered and made interactive.

Key browser events based on the W3C Navigation Timing standard such as Unload, DOM Interactive and DOM Content Loaded are also supported.

When you need to understand the root cause of performance issues, simply drill down on problematic measurements for waterfall detail, screenshots and more.

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**WHY CLOUD TRANSACTION PERSPECTIVE?**

**Easy and Affordable**

No other end user experience monitoring solution is easier to setup and maintain. Often, passive network monitoring devices and application performance monitoring software are impractical due to hardware installation and implementation complexity, as well as high cost of ownership. Regardless of the sophistication of your application, you’ll quickly realize value with Cloud Transaction Perspective. You control when and how much monitoring you need, at a low usage-based cost. No cumbersome installation, expensive license fees or big subscription commitments.

Want to understand exactly why your employees or partners are complaining about slow applications? Drop Keynote in remote offices to see performance from the end-user perspective on extranets and intranets.
Use Cases

Because of its unique blend of a lightweight, installable software monitoring agent and SaaS monitoring platform, Cloud Transaction Perspective enables companies to monitor performance in exciting new ways.

**Enterprise Web Applications:** Your employees are some of your toughest customers—and for good reason. When a core application goes down it causes frustration and hurts productivity across your organization. Operations and IT Support groups need a solution that can be deployed quickly and easily inside a private network or across networks to monitor website performance and true user experience.

**Local Access Applications:** How do you ensure that applications brokering access to private services for a specific location, accessed by users at that same location are delivering high availability and performance? Whether it’s at an airport, or a store kiosk, or in a special venue, Keynote has your back.

**First Mile Comparison:** How do you know if a Web application performance problem is caused by your infrastructure, the network, or 3rd parties? A public monitoring service can alert you to issues, but not immediately identify whether the problem is external or internal. With Cloud Transaction Perspective you can instantly compare performance at the datacenter to what the end-user is experiencing from the Internet to the last mile.