

Which Mobile Monitoring Solution Do I Need?

	Mobile Device Perspective	Mobile Web Perspective over Air	Mobile Web Perspective
The Issue	<p>The explosive growth of downloadable mobile applications is driving large volumes of traffic to back-end servers of content providers. Downloadable mobile applications are often device-specific and they require real hardware to be properly executed.</p> <p>Continual performance monitoring, with real-time alerts is needed to ensure that the device, application, and back-end server are delivering a good user experience.</p>	<p>Content providers and mobile enterprises are developing HTML websites for the latest smartphones that use powerful mobile Web browsers.</p> <p>Accurate mobile Web content monitoring requires a real mobile Web browser that will give:</p> <ul style="list-style-type: none"> • Content providers and mobile enterprises an unbiased 3rd party for accurate performance monitoring of their mobile Web content. • Business Managers and Performance Analysts a solution to analyze and improve end user performance. • OPS teams diagnostic details to quickly resolve issues as soon as they occur. 	<p>Content companies and enterprises are deploying websites specifically designed for mobile devices. Operations teams maintain regular websites and their infrastructure are often also responsible for the mobile websites as well.</p> <p>These Operations teams need:</p> <ul style="list-style-type: none"> • A solution that can monitor the availability of mobile websites and the infrastructure that is delivering the content for their mobile website. • A solution that can monitor the quality of the mobile web content as experienced on different devices. • A monitoring solution for mobile websites that can bypass the impact of the operators network they can't control. Knowing where the problem occurs will reduce Mean Time to Repair.
The Solution	<p>True mobile performance monitoring for native mobile applications on real devices connected to live operator networks.</p> <p>Mobile Device Perspective (MDP) uses real devices upon which you can download your application and execute ongoing performance monitoring, provide you with visibility into how end users are experiencing your service. The resulting insight will allow you to provide better service to your customers and improve your business.</p>	<p>True mobile end user experience monitoring of your website by emulating a mobile device over a live mobile operator network.</p> <p>Mobile Web Perspective over Air constantly monitors the response time and availability of your mobile website; thus giving you visibility into how end users are experiencing your service. MWP-Air does this by emulating the device and downloading exactly the same content as a real device and capturing changes made by the network operator's proxy server. Your content is true and your results are accurate.</p>	<p>"Operational Monitoring" of a mobile website with without the impact of a mobile operator network.</p> <p>MWP constantly monitors the availability of a website from an end user point of view without the impact of the operator network. MWP requests content from the mobile web server by emulating a device and downloading exactly the same content that a real device would. Bypassing the network, MWP can continually monitor the availability of their entire back end systems. The additional level of diagnostic detail allows them to quickly resolve issues when the users are not able to access their mobile website.</p>
How It Works	<p>MDP uses real devices to monitor the true mobile performance of native mobile applications.</p> <p>MDP can perform end-to-end of monitoring by replicating the entire use case for native applications – download, install, launch, etc. All steps of the use case can be measured to understand how users are experiencing the service. MDP measures response and availability for each step that is representative of what real users experience.</p>	<p>MWP-Air emulates over 1,800 devices and 11,000 device profiles, downloads content using a WebKit mobile browser engine, and is connected to leading mobile operator networks around the globe.</p> <p>MWP-Air downloads content from the Web server via the same route that is taken by a real device. MWP uses a WebKit browser to accurately download content exactly the same way as a real mobile device. You get the accurate speed and availability metrics, and detailed page level and network level details that help to troubleshoot issues.</p>	<p>MWP emulates 1,800 devices and 11,000 device profiles, uses a WebKit browser engine and downloads mobile Web content directly over the internet backbone.</p> <p>The website is downloaded over the internet without the impact of operator network. As a result MWP can accurately monitor the availability of the mobile Web content as well as the availability of the infrastructure that is delivering mobile Web content to end users.</p>
What You Get	<p>Key features:</p> <ul style="list-style-type: none"> • Response Time – time to complete each step • Availability – % success rate • Signal strength in bars • Screen snapshot for errors • Real time alerting 	<p>Key features:</p> <ul style="list-style-type: none"> • Response Time – page download time in seconds • Availability – % success rate • Page size • Redirection time • Base page download time • # of resources on download page • URLs for each resource on downloaded page • Screen snapshot of downloaded page • Real time alerting • Waterfall graphs 	<p>Key features:</p> <ul style="list-style-type: none"> • Availability – % success rate • Page size • # of resources on download page • URLs for each resource on downloaded page • Screen snapshot of downloaded page • Real time alerting • Waterfall graphs