

How to modernize your web performance monitoring strategy

Consumers are demanding access:



To more services



From more devices



From any location

The world is changing faster than ever before.

Smart device adoption¹

10X



- faster than '80s PC revolution
- 2X faster than '90s internet boom
- 3X faster than social adoption

¹Flurry Analytics

1.25 trillion

global ecommerce sales



in 2013

89.1%

of all websites use JavaScript



Did you know?

AJAX was made popular in 2005 by Google, with Google Suggest. Google Suggest uses AJAX to create a very dynamic web interface: when you start typing in Google's search box, JavaScript sends the letters off to a server and the server returns a list of suggestions.

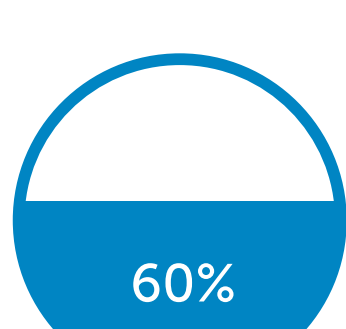
It's all about performance!

Web teams try to improve website performance using many different techniques.

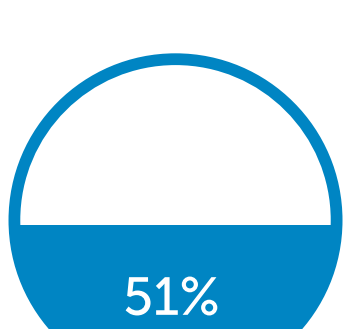


- Fewer page loads
- Asynchronous requests
- Client only processing
- JavaScript
- CDNs

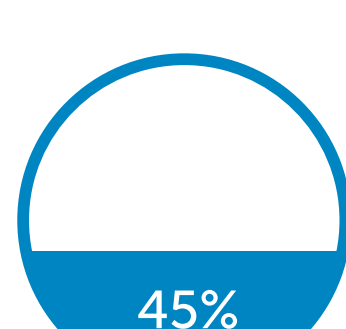
Or is it? Functionality matters too!



Mobile internet users encountering at least one problem while browsing within the last 12 months.



Users encountering a website that crashed, froze, or received an error.



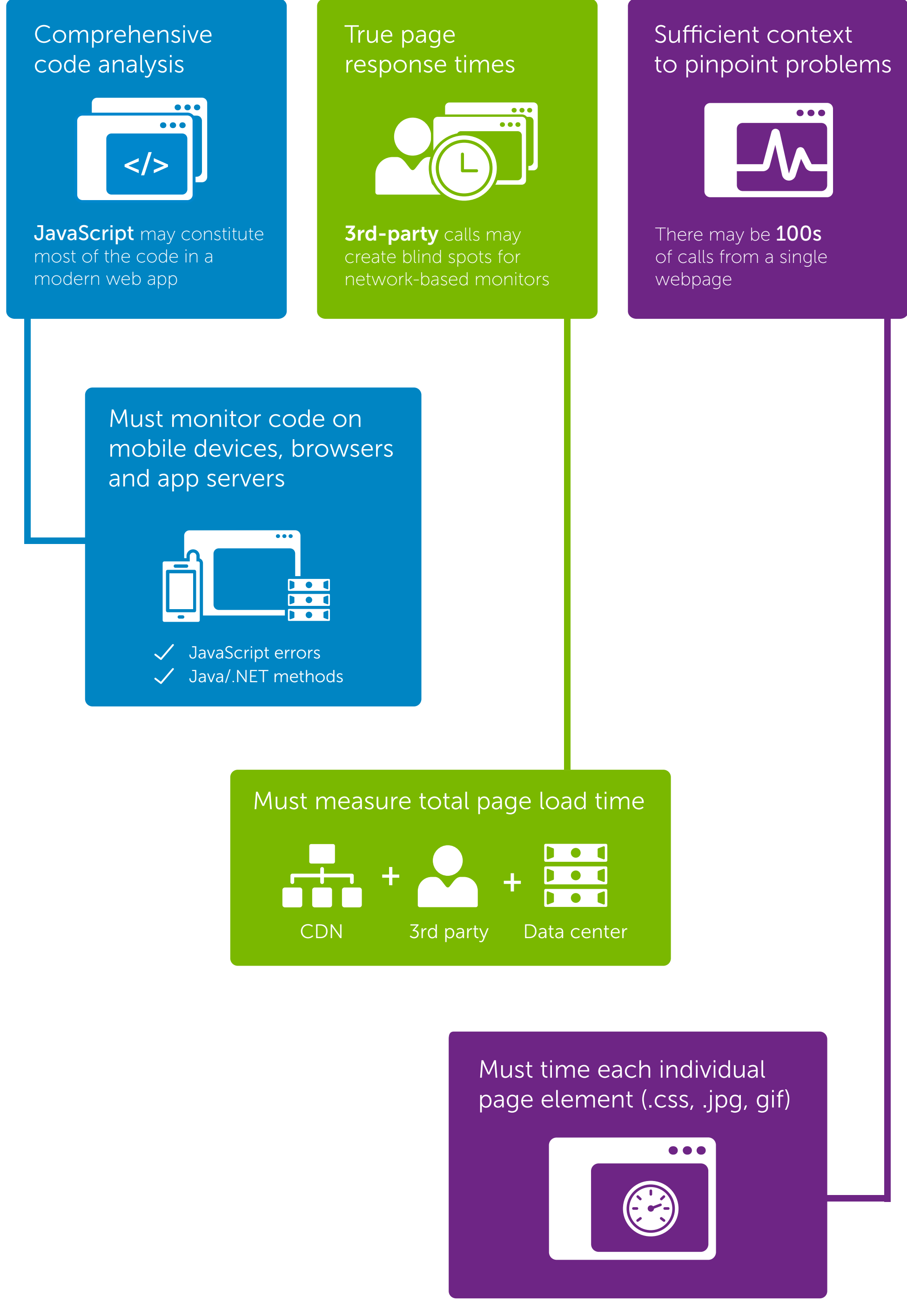
Users encountering a website that didn't function as expected.



On average there are over a dozen coding errors—and other functional glitches—per page on Fortune 100 websites!

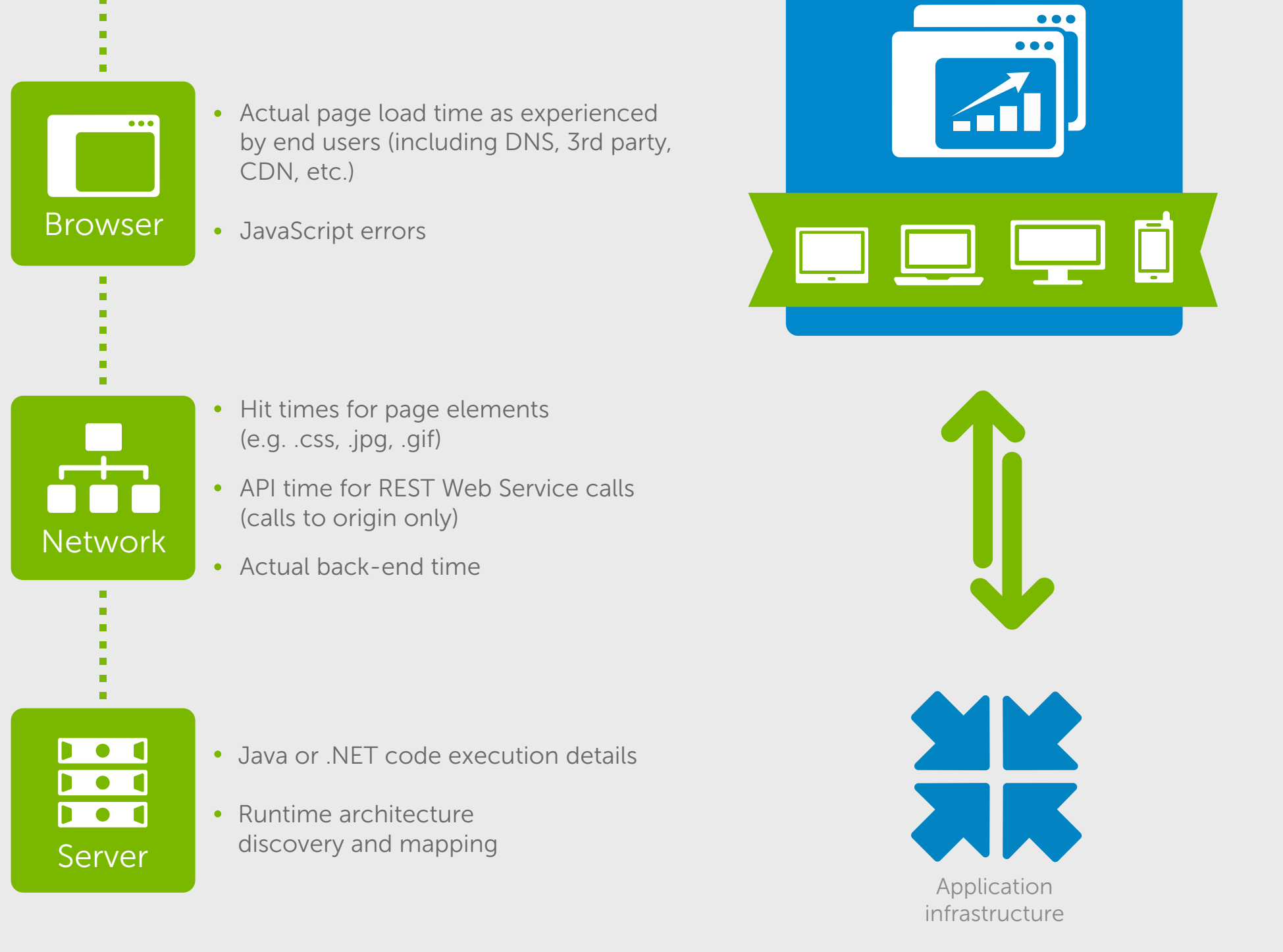
Source: • Parasoft, "How dysfunctional are the Fortune 100 websites?" • KISSmetrics, "How loading time affects your bottomline"

What you really want



Better together: Browser + Network + Server

A multi-pronged approach provides maximum visibility

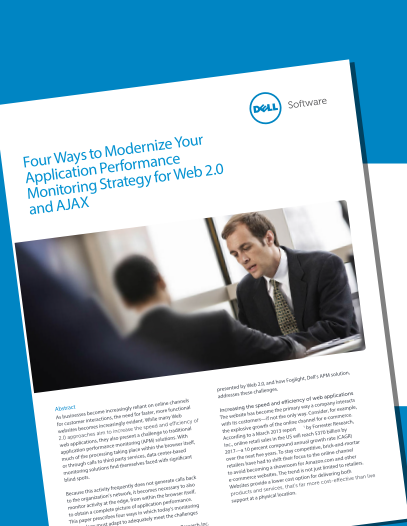


Four ways to modernize APM:



The Dell Foglight solution:

- Breaks down response times for specific page elements
- Replays user activity for contextual forensics
- Captures JavaScript errors and browser events
- Reports accurate page load times with details incl. DNS lookup, cache access, SSL handshake etc.
- Analyzes extensive performance and content data



Read the White Paper

DellSoftware.com/Modern-APM