# Making your applications fast and furious with the new Performance Monitoring Toolset in CF 2018!

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# Performance Makes Perfect

## Agenda

- Importance of Performance
  - What are we trying to solve?
- Roles involved with server health
  - System Administrator
  - IT Manager
  - Developer

It don't matter if you win by an inch or a mile. Winning's winning.

-Dom Toretto

# The High-Octane Importance of Performance

- Performance is a number one metric for applications today
- 47% of consumers expect a web page to load in 2 seconds or less
- A 1-second page load delay can result in a 7% reduction in conversions

Source: Kissmetrics

# Fast Forward - Why Performance is Important for the Future

Perception may not be reality, but it matters

- High page load times suggest poor applications regardless of content
- User engagement is lost with poor performing sites
- Loyalty begins with high performance applications

# Old dog. New tricks: Old Server Monitor vs. New Monitoring Toolset

New Monitor

- New code, engineered from the ground up
- Out of process, so no impact to existing instances
- Visibility into deeper insights and metrics
- Holistic view of architecture

# A race with something for everyone: Performance for all

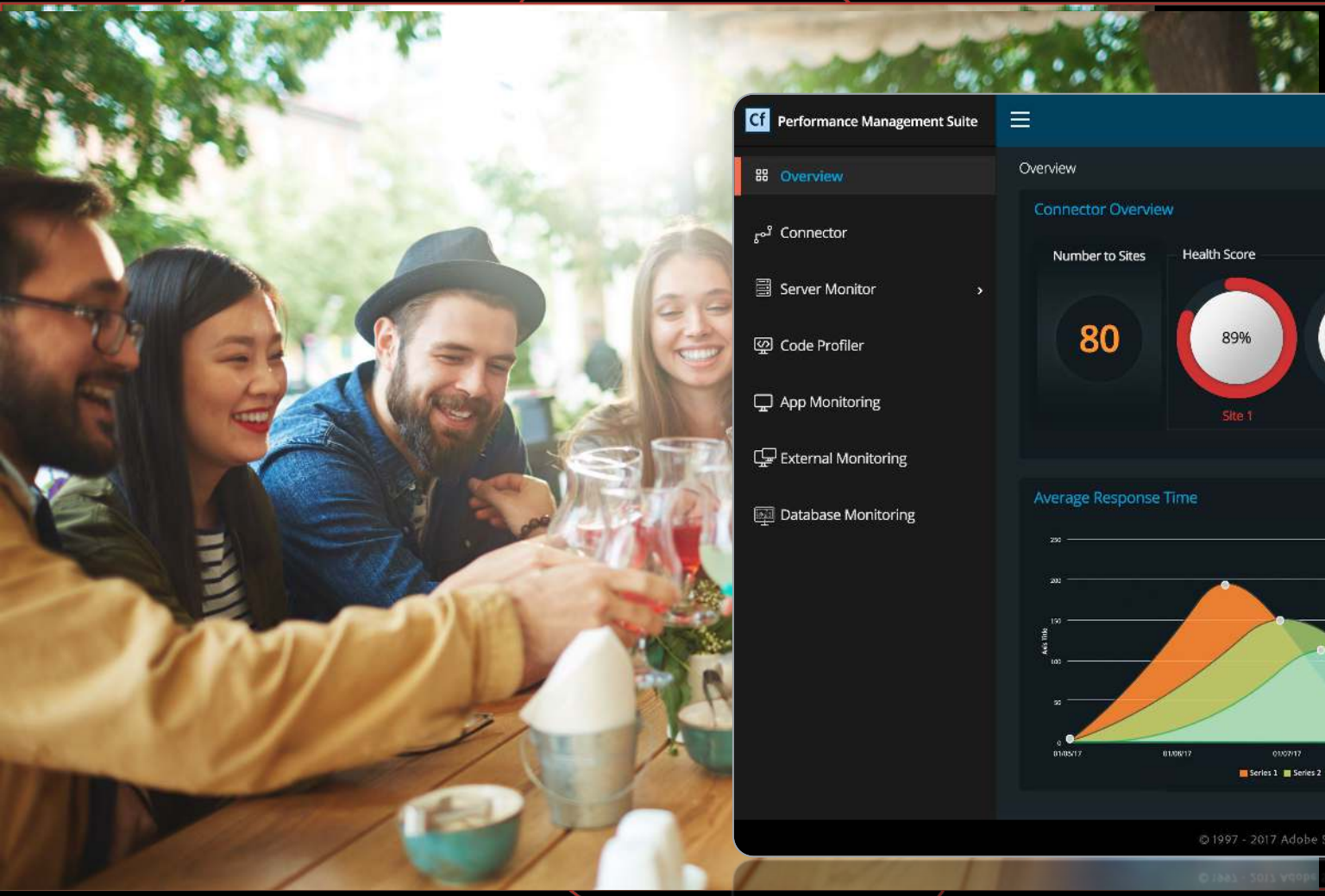
System Administrators

IT Managers

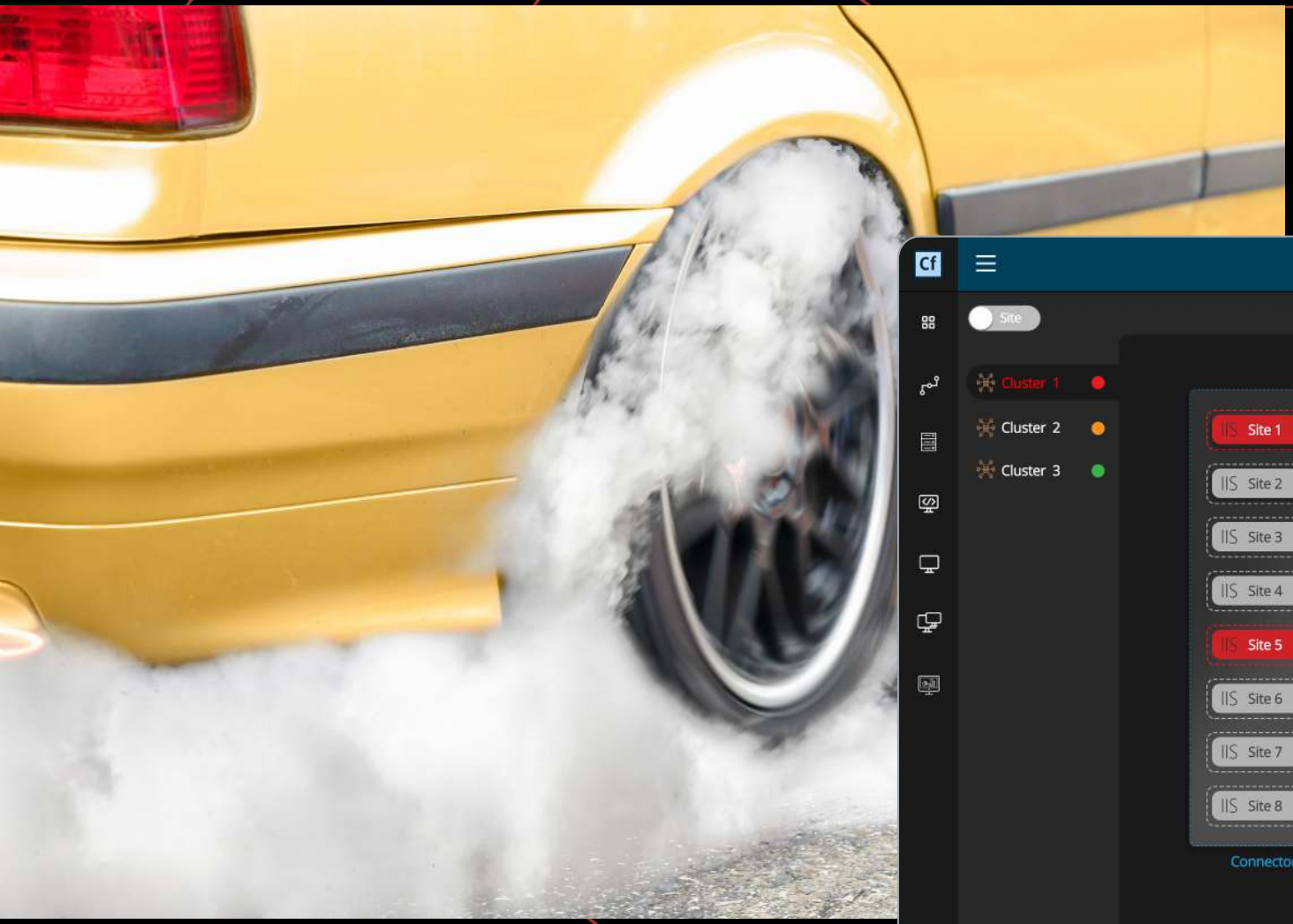
Developers

So if you don't drift to win, what do you drift for?

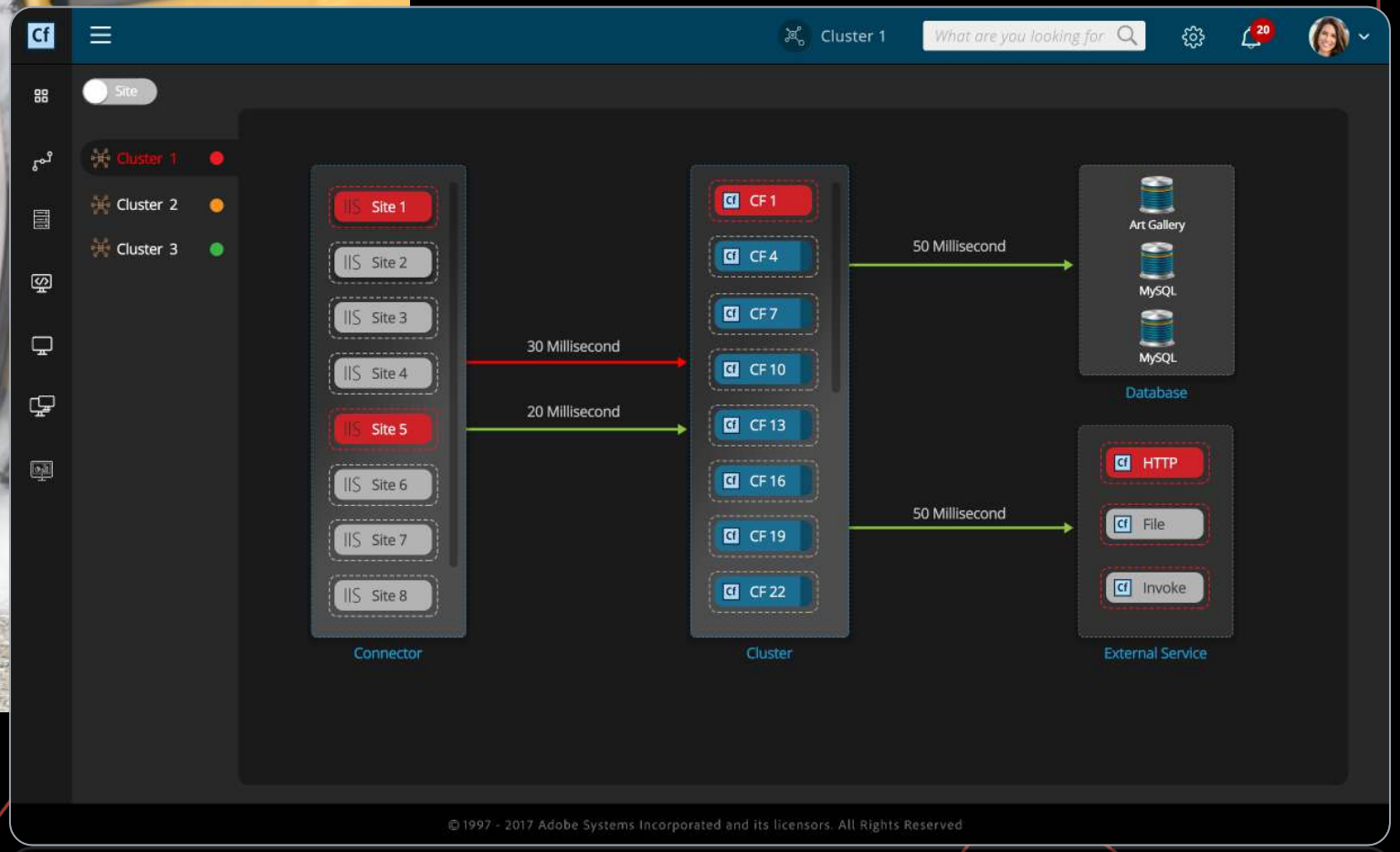
# Admin Goals: To good health.



# Admin Goals: Ready for the rat race



- Easy setup and configuration
- Auto discovery



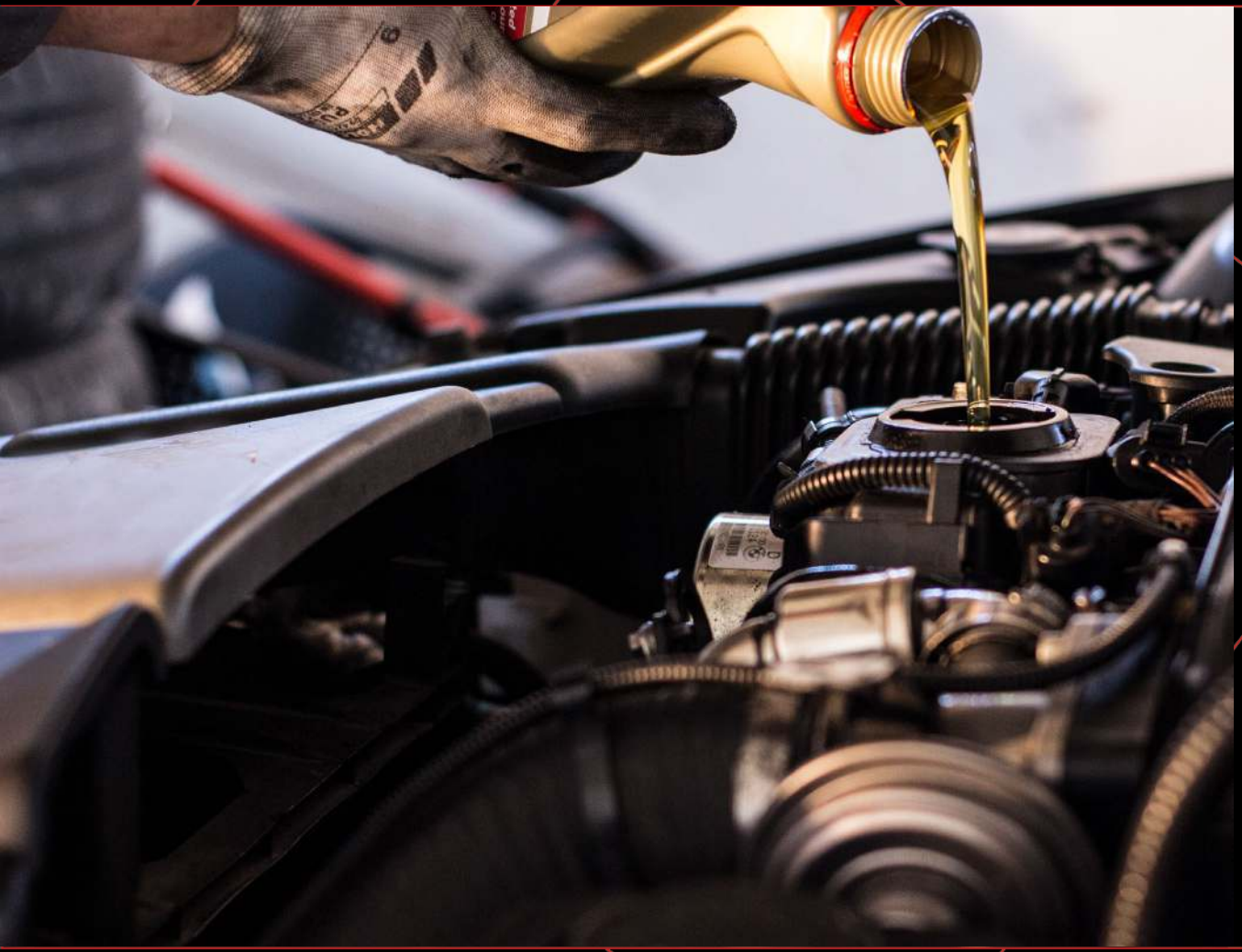
# Admin Goals: Attention to detail

- Granular metrics
  - ART & Throughput
  - Cluster and node overview and details
  - Incoming and external services
  - Database metrics
  - REST/SOAP/RPC
- Notification system

# Admin Goals: Quick Ignition

- Easy setup and configuration
- Everything within a few clicks
- Drill down concept
- Details at your fingertips

# (IT) Management Goals: A well-oiled machine



- At-a-glance server health status
- Archiving
- Proactive Notifications
- Thread dumps
- GC
- JVM metrics

# Let's take a test drive

# Old is still Gold

- What about existing applications?
- Proactively streamline performance with code profiler tool
- View detailed memory and page level data
- Further debug in ColdFusion Builder to view line by line details and jump to location

# Let's take the profiler out for a spin

# Key reasons to use the Performance Monitoring Toolset

- It’s built by Adobe for Adobe ColdFusion applications
- Tightly integrated with hooks into ColdFusion internals
- Has all the bells and whistles for monitoring ColdFusion environments with all the different roles in mind

# Made for the True Purists

- Designed and built from the ground up for Adobe ColdFusion applications
- Bundled product with ColdFusion licensing – STD & ENT
- No other tool has:
  - Self-healing auto connector tuning
  - Auto discovery and topology
  - Profiling for application developers

# How can this get better?

- Cloud Ready for AWS & Azure
  - Track Requests
  - Inspect storage
  - Relational database service integration
  - Metrics tracking
  - Cloud watch integration

Adobe